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# **Ansible Galaxy FortiOS Collection**

***Release 1.0***

**Mar 17, 2023**



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## FortiOS/Galaxy Version Mapping Guide

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The FortiOS Ansible Collection provides Ansible modules for configuring FortiOS appliances.



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## FortiOS Galaxy Versioning

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### 1.1 FortiOS Galaxy versions

From v2.0.0 on, FortiOS galaxy collections are unified, and cover FortiOS 6.0, 6.2, 6.4, 7.0, 7.2 versions. There is only one sequential collection at any moment. users who install these collections are expected to find the version compatibility information for each module and its parameters.

FOS version	Galaxy Version	Release date	Path to Install
unified	2.0.0	2021/4/6	ansible-galaxy collection install fortinet.fortios:2.0.0
unified	2.0.1	2021/4/7	ansible-galaxy collection install fortinet.fortios:2.0.1
unified	2.0.2	2021/5/14	ansible-galaxy collection install fortinet.fortios:2.0.2
unified	2.1.0	2021/6/25	ansible-galaxy collection install fortinet.fortios:2.1.0
unified	2.1.1	2021/6/29	ansible-galaxy collection install fortinet.fortios:2.1.1
unified	2.1.2	2021/7/15	ansible-galaxy collection install fortinet.fortios:2.1.2
unified	2.1.3	2021/11/11	ansible-galaxy collection install fortinet.fortios:2.1.3
unified	2.1.4	2022/2/7	ansible-galaxy collection install fortinet.fortios:2.1.4
unified	2.1.5	2022/4/22	ansible-galaxy collection install fortinet.fortios:2.1.5
unified	2.1.6	2022/5/23	ansible-galaxy collection install fortinet.fortios:2.1.6
unified	2.1.7	2022/8/12	ansible-galaxy collection install fortinet.fortios:2.1.7
unified	2.2.0	2022/11/9	ansible-galaxy collection install fortinet.fortios:2.2.0
unified	2.2.1	2022/12/2	ansible-galaxy collection install fortinet.fortios:2.2.1
unified	2.2.2	2022/12/8	ansible-galaxy collection install fortinet.fortios:2.2.2
unified	2.2.3 latest	2022/3/17	ansible-galaxy collection install fortinet.fortios:2.2.3

## 1.2 Legacy FortiOS Galaxy Versions

Prior to FortiOS collection v2.0.0, FortiOS Galaxy collections were built over three FOS major versions, i.e. v6.0, v6.2 and v6.4, thus, users are expected to install the collection according to the following table to avoid potential compatibility issues.



FOS version	Galaxy Version	Release date	Path to Install
6.0.0	1.0.13	2020/5/26	ansible-galaxy collection install fortinet.fortios:1.0.13
6.0.0	1.1.2	2020/12/4	ansible-galaxy collection install fortinet.fortios:1.1.2
6.0.0	1.1.5	2020/12/7	ansible-galaxy collection install fortinet.fortios:1.1.5
6.0.0	1.1.8	2020/12/21	ansible-galaxy collection install fortinet.fortios:1.1.8
6.0.0	1.1.9	2020/3/1	ansible-galaxy collection install fortinet.fortios:1.1.9
6.2.0	1.0.10	2020/5/6	ansible-galaxy collection install fortinet.fortios:1.0.10
6.2.0	1.1.0	2020/12/4	ansible-galaxy collection install fortinet.fortios:1.1.0
6.2.0	1.1.3	2020/12/7	ansible-galaxy collection install fortinet.fortios:1.1.3
6.2.0	1.1.6	2020/12/21	ansible-galaxy collection install fortinet.fortios:1.1.6
6.4.0	1.0.11	2020/5/11	ansible-galaxy collection install fortinet.fortios:1.0.11
6.4.0	1.1.1	2020/12/4	ansible-galaxy collection install fortinet.fortios:1.1.1
6.4.0	1.1.4	2020/12/7	ansible-galaxy collection install fortinet.fortios:1.1.4
6.4.0	1.1.7	2020/12/21	ansible-galaxy collection install fortinet.fortios:1.1.7

**Note:** Use `-f` option (i.e. `ansible-galaxy collection install -f fortinet.fortios:x.x.x`) to renew your existing local installation.



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## Install FortiOS Ansible Galaxy

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This document explains how to install the FortiOS Ansible Galaxy Collection.

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### 2.1 Install Python3

- Follow steps in <https://www.python.org/> to install Python3 on your host.

### 2.2 Install Ansible Core

- Follow instructions in [https://docs.ansible.com/ansible/latest/installation\\_guide/intro\\_installation.html](https://docs.ansible.com/ansible/latest/installation_guide/intro_installation.html) to install Ansible
- The Ansible core version requirement: `>= 2.9.0`

### 2.3 Install FortiOS Galaxy Collection

The FortiOS Ansible Galaxy supports multiple FortiOS major releases, you can install the latest collection by default via command `ansible-galaxy collection install fortinet.fortios`. you can also choose another galaxy version to match your FortiOS device.

Please see the ‘**versionig notes**’\_ for more recently released collections and install the ones which are marked `latest` for your devices.



## CHAPTER 3

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### Run Your First Playbook

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This document explains how to run your first FortiOS Ansible playbook.

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With FortiOS Galaxy collection, you are always recommended to run FortiOS module in `httpapi` manner. The first step is to prepare your host inventory with which you can use `ansible-vault` to encrypt or decrypt your secrets for the sake of confidentiality.

### 3.1 Prepare host inventory

in our case we create a file named `hosts`:

```
[fortigates]
fortigate01 ansible_host=192.168.190.130 ansible_user="admin" ansible_password=
↪ "password"
fortigate02 ansible_host=192.168.190.131 ansible_user="admin" ansible_password=
↪ "password"
fortigate03 ansible_host=192.168.190.132 fortios_access_token=<your access token>

[fortigates:vars]
ansible_network_os=fortinet.fortios.fortios
```

FortiOS supports two ways to authenticate Ansible: `ansible_user` and `ansible_password` pair based; `fortios_access_token` access token based. Access token based way is preferred as it is safer without any password exposure and access token guarantees request source location is wanted.

for how to generate an API token, visit page [FortiOS API Spec](#).

### 3.2 Write the playbook

in the example: `test.yml` we are going to modify the fortigate device's hostname:

```
- hosts: fortigate03
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure global attributes.
      fortios_system_global:
        vdom: "{{ vdom }}"
        access_token: "{{ fortios_access_token }}" #if you prefer access token based_
↪ authentication, add this line.
      system_global:
        hostname: 'CustomHostName'
```

there are several options which might need you special care:

- **connection** : httpapi is preferred.
- **collections** : The namespace must be `fortinet.fortios`
- **ansible\_httpapi\_use\_ssl** and **ansible\_httpapi\_port**: by default when your fortiOS device is licensed, the https is enabled. there is one exception: uploading vmlicence to a newly installed FOS instance, where you should set `ansible_httpapi_use_ssl: no` and `ansible_httpapi_port: 80`. Please see [Import licence to FOS](#) for more details.

### 3.3 Run the playbook

```
ansible-playbook -i hosts test.yml
```

you can also observe the verbose output by adding option at the tail: `-vvv`.

## CHAPTER 4

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### Frequently Asked Questions (FAQ)

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- *What's Access Token?*
- *How To Backup And Restore FOS?*
- *How To Import A License?*
- *How does Ansible work with login banner?*
- *How To Work With Raw FortiOS CLI?*
- *How to use the set\_fact module in a task?*
- *How to use the member operation to add an element in an object?*

### 4.1 What's Access Token?

Access Token here is an API token which is used to authenticate an API request, an api token is associated with an API user once generated in FortiOS. FortiOS Ansible supports api token based authentication, please see [Run Your Playbook](#) for how to use `access_token` in Ansible playbook.

Sometimes we also want to dynamically generate an API token via FortiOS ansible module, we have a demo to show how to generate an API token:

```
# to customize privileges for the API user, we can also define an accprofile via_
↪module fortios_system_accprofile.
- name: Create An API User if not present
```

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```

fortios_system_api_user:
  vdom: 'root'
  state: 'present'
  system_api_user:
    name: 'AnsibleAPIUser'
    accprofile: 'super_admin' # This is predefined privilege profile.
    vdom:
      - name: 'root'
    trusthost:
      - id: '1'
        ipv4_trusthost: '192.168.190.0 255.255.255.0'

# To reference the generated token, we can use notation "{{ tokeninfo.meta.results.
↪access_token }}" in further tasks or keep it somewhere in disk.
- name: Generate The API token
  fortios_monitor:
    vdom: 'root'
    selector: 'generate-key.system.api-user'
    params:
      api-user: 'AnsibleAPIUser'
  register: tokeninfo

- name: do another api request with newly generated access_token
  fortios_configuration_fact:
    access_token: "{{ tokeninfo.meta.results.access_token }}"
    vdom: 'root'
    selector: 'system_status'

```

## 4.2 How To Backup And Restore FOS?

Legacy module `fortios_system_config_backup_restore` is deprecated since 2.0.0, new modules are available for doing equivalent jobs. New modules are designed to be very flexible, that requires us to combine modules to do complex task.

**Note:** operation backup and restore needs administrative privilege, better not choose access token based authentication.

### 4.2.1 Backup settings to local file.

FortiOS Ansible collection doesn't provide any modules for local file operations, here we use builtin `copy` module to copy plain configuration text into a file.

```

- name: Backup a virtual domain.
  fortios_monitor_fact:
    selector: 'system_config_backup'
    vdom: 'root'
    params:
      scope: 'global'
  register: backupinfo

- name: Save the backup information.
  copy:

```

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```
content: '{{ backupinfo.meta.raw }}'
dest: './local.backup'
```

## 4.2.2 Restore settings from local file.

FortiOS only accepts base64 encoded text, the configuration text must be encoded before being uploaded.

```
- name: Restore from file.
  fortios_monitor:
    selector: 'restore.system.config'
    vdom: 'root'
    params:
      scope: 'global'
      source: 'upload'
      vdom: 'root'
      file_content: "{{ lookup('file', './local.backup') | string | b64encode }}"
```

## 4.2.3 Restore settings from other sources.

no matter what source is, just make sure content is encoded.

```
- name: Backup a virtual domain.
  fortios_monitor_fact:
    selector: 'system_config_backup'
    vdom: 'root'
    params:
      scope: 'global'
    register: backupinfo

- name: Restore from intermediate result.
  fortios_monitor:
    selector: 'restore.system.config'
    vdom: 'root'
    params:
      scope: 'global'
      source: 'upload'
      vdom: 'root'
      file_content: "{{ backupinfo.meta.raw | string | b64encode }}"
```

For more options to restore, see module `fortios_monitor` and its selector `restore.system.config`, for more options to backup, see module `fortios_monitor_fact` and its selector `system_config_backup`.

## 4.3 How To Import A License?

### 4.3.1 Import a license for a newly installed FOS instance.

Make sure the active management port allows access to http service by setting `allowaccess`.

```
FortiGate-VM64 # show system interface port1
config system interface
```

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```
edit "port1"
  set vdom "root"
  set mode dhcp
  set allowaccess ping https ssh http fgfm
  set type physical
  set snmp-index 1
next
end
```

Then run the following playbook to upload licence for the first time:

```
- hosts: fortigate_new
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: no
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 80
    ansible_command_timeout: 5
  tasks:

    - name: Upload the license to the newly installed FGT device
      fortios_monitor:
        vdom: "{{ vdom }}"
        selector: 'upload.system.vmlicense'
        params:
          file_content: "{{ lookup('file', './FGVM02TM20012347.lic') | string |
↳b64encode }}"
          ignore_errors: True
```

In the example, we put license file `FGVM02TM20012347.lic` under current working directory.

Once FOS accepts a valid licence, it reboots immediately and the connection terminates suddenly, as a result, we must not regard connection timeout as errors, we'd better ignore connection timeout exception. and the default connection timeout is 30 seconds, better make it smaller.

**Access token based authentication is not allowed in initial license import**

### 4.3.2 Renew a license for a licence-ready FOS instance.

To renew the license for a running FOS instance, we don't have to use http service (by default, after license is activated, http service is redirected to https service, which causes problems for Ansible). by setting `ansible_httpapi_use_ssl` to True and `ansible_httpapi_port` to 443, the task can normally upload the license.

**Renewing a license can use access token based authentication as long as associated API user has admin privilege to upload license.**

## 4.4 How does Ansible work with login banner?

### 4.4.1 what's login banner?

FOS puts a barrier in login process if pre- and(or) post- login banner are enabled, and ansible authentication is restricted: **only access token based authentication is allowed.**

### 4.4.2 How to safely generate access token?

For Ansible FOS login banner usage, there could be a deadlock if one the of following cases appears:

- I don't have an API user or access token.
- I have an access token but it has expired.

upon such deadlocks, there is no other way but to disable banners and (re)generate one.

To generate an access token in advance, please see [How To Generate Access Token Dynamically](#), and please do token generation with Ansible with all the login banners disabled(it's not necessary to disable banners if we generate access token from WEB UI).

```
FGVM02TM20012347 # config system global
FGVM02TM20012347 (global) # set post-login-banner disable
FGVM02TM20012347 (global) # set pre-login-banner disable
FGVM02TM20012347 (global) # end
FGVM02TM20012347 #
```

### 4.4.3 where to keep generated access token?

Normally if we generate an access token from WEB UI, we may put it in inventory file as a variable `fortios_access_token`:

```
[fortigates]
fortigate01 ansible_host=<the address of the host> fortios_access_token=<the access_
↪token>
```

we can encrypt the inventory file through ansible tool `ansible-vault`, thus avoiding token leaks.

To automate token (re)generation, we might also want to keep it somewhere else in local storage. An example is given below to show how to save and re-use a token later:

```
- name: Generate The API token
  fortios_monitor:
    vdom: 'root'
    selector: 'generate-key.system.api-user'
    params:
      api-user: 'AnsibleAPIUser'
    register: tokeninfo

- name: Save the API token
  copy:
    content: "{{ tokeninfo.meta.results.access_token }}"
    dest: './access_token.save'
```

then in subsequent tasks, we read the token directly from saved file:

```

vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
  saved_access_token: "{{ lookup('file', './access_token.save') | string }}"

tasks:
  - name: do another api request with saved access_token
    fortios_configuration_fact:
      access_token: "{{ saved_access_token }}"
      vdom: 'root'
      selector: 'system_status'

```

**Caveats:** saved access token is not guarded by Ansible, once leaked, others may access the FOS illegally. one way to restrict illegal access is to limit source location in ipv4\_trusthost during creating the API users.

## 4.5 How To Work With Raw FotiOS CLI?

In FortiOS, some CLI commands are not exported as RestAPI, as a result, Ansible FortiOS collection has no identical module for those CLI commands. And FortiOS default CLI shell is not a standard Unix shell, so Ansible builtin modules like `shell` and `command` are of no use. To work this around in Ansible, we use a verbose but very efficient and flexible way to execute some FortiOS CLI commands from Ansible.

Below are two examples of the template:

**Append a firewall address member to a group using append command:**

```

- hosts: localhost
  vars:
    # ===== Below are credentials to connect to Fortigate
    Device=====
    fgt_host: '192.168.190.171'
    fgt_user: 'admin'
    fgt_pass: 'password'

    firewall_group_name: 'firwalladdressgroup0'
    firewall_address_name: 'firewalladdress0'
    #
    =====
    script_path: '/tmp/fgt.shell.task'
  tasks:
    - name: Prepare The Shell Scrit Template.
      raw: |
        cat > {{script_path}} << EOF_OUTER
        # /bin/bash
        # Please make sure tool sshpass is installed. e.g. on Debian/Ubuntu, apt-
        get install sshpass.
        # Optionally you can pass some parameters.
        # The character `a` at second line below is to avoid post-login-banner
        barrier.
        sshpass -p '{{ fgt_pass }}' ssh -o StrictHostKeyChecking=no {{ fgt_user }}
        @{{ fgt_host }} <<EOF
        a
        # ===== Edit Your Commands Below
        =====

```

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```

        config firewall addrgrp
        edit '\$1'
        append member '\$2'
        end
        #_
    EOF
    EOF_OUTER

- name: Execute The Cli Commands.
  raw: |
    chmod +x {{ script_path }} && {{ script_path }} '{{ firewall_group_name }}'
    '{{ firewall_address_name }}'
  args:
    executable: /bin/bash

```

### Enable/Disable pre-/post- login banners

```

- hosts: localhost
  vars:
    # ===== Below are credentials to connect to Fortigate_
    Device=====
    fgt_host: '192.168.190.171'
    fgt_user: 'admin'
    fgt_pass: 'password'
    #_
    script_path: '/tmp/fgt.shell.task'
  tasks:
    - name: Prepare The Shell Scrit Template.
      raw: |
        cat > {{script_path }} << EOF_OUTER
        # /bin/bash
        # Please make sure tool sshpass is installed. e.g. on Debian/Ubuntu, apt-
        get install sshpass.
        # Optionally you can pass some parameters.
        # The character `a` at second line below is to avoid post-login-banner_
        barrier.
        sshpass -p '{{ fgt_pass }}' ssh -o StrictHostKeyChecking=no {{ fgt_user }}
        @{{ fgt_host }} <<EOF
        a
        # ===== Edit Your Commands Below_
        config system global
        set pre-login-banner '\${1:-disbale}'
        set post-login-banner '\${2:-disable}'
        end
        #_
    EOF
    EOF_OUTER

- name: Execute The Cli Commands, e.g. enable pre- and post- login banner.
  raw: |
    chmod +x {{ script_path }} && {{ script_path }} enable enable

```

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```
args:
  executable: /bin/bash
```

## 4.6 How to use the set\_fact module in a task?

In Ansible, there's an important module that works with variables and is used to get or set variable values, which is `set_fact`. This module is used to set new variables and these variables are available to subsequent plays in a playbook. Using `set_fact`, we can store the value after preparing it on the fly using certain task.

The following example will show you how `set_fact` module can be used in a task to configure the firewall address group.

**Configuring the firewall address group with a string type of variable that contains all the grouped firewall addresses:**

```
- hosts: fortigateslab
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    vdom: 'root'
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
    demo_input: 'login.microsoftonline.com, login.microsoft.com, login.windows.net'
    demo_members: []
  tasks:
    - name: Process input content
      set_fact:
        demo_members: "{{ demo_members + [{'name': item.strip(' ')}] }}"
      with_items:
        - "{{demo_input.split(',') }}"

    - debug:
        var: demo_members

    - name: Configure Firewall Schedule Recurring
      fortios_firewall_addrgrp:
        vdom: '{{ vdom }}'
        state: 'present'
        enable_log: True
        access_token: '{{ fortios_access_token }}'
        firewall_addrgrp:
          name: 'group_1'
          comment: 'created via Ansible'
          visibility: 'enable'
          member: '{{ demo_members }}
```

In the example, the first task is preprocessing the input content. Specifically, it splits the input content with comma to get a list of the firewall addresses. Then it appends the each address to the variable `demo_members`. So the `demo_members` variable can be assigned to the variable members in the subsequent play.

## 4.7 How to use the member operation to add an element in an object?

Member operation is used to add an element to an existing object. The example below will show you how to use it.

```
- hosts: fortigateslab
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Add an dns entry in the existing obj.
      fortios_system_dns_database:
        #access_token: "{{ access_token }}"
        state: "present"
        member_state: "present"
        member_path: "dns_entry:id"
        system_dns_database:
          name: 1
          dns_entry:
            - id: 1
              hostname: xyz.com
              ip: 8.8.8.9
            - id: 2
              hostname: abc.com
              ip: 7.7.7.8
```





### 5.1 Technical and Community Support

You can get support from Fortinet [Technical Assistance Center](#).

For Ansible common issue, you can also get support from the [community](#)

### 5.2 Filing issues.

You can get support from the community engineering team via filing an issue in [git issues page](#)



### 6.1 fortios\_alertemail\_setting – Configure alert email settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

#### 6.1.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify alertemail feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.1.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.1.3 Tips

Using member operation to add an element to an existing object.

## 6.1.4 FortiOS Version Compatibility

## 6.1.5 Parameters

## 6.1.6 Notes

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**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.1.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure alert email settings.
  fortios_alertemail_setting:
    vdom: "{{ vdom }}"
    alertemail_setting:
      admin_login_logs: "enable"
      alert_interval: "2"
      amc_interface_bypass_mode: "enable"
      antivirus_logs: "enable"
      configuration_changes_logs: "enable"
      critical_interval: "3"
      debug_interval: "60"
      email_interval: "5"
      emergency_interval: "1"
      error_interval: "5"
      FDS_license_expiring_days: "15"
      FDS_license_expiring_warning: "enable"
      FDS_update_logs: "enable"
      filter_mode: "category"
      FIPS_CC_errors: "enable"
```

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```
firewall_authentication_failure_logs: "enable"
fortiguard_log_quota_warning: "enable"
FSSO_disconnect_logs: "enable"
HA_logs: "enable"
information_interval: "30"
IPS_logs: "enable"
IPsec_errors_logs: "enable"
local_disk_usage: "75"
log_disk_usage_warning: "enable"
mailto1: "<your_own_value>"
mailto2: "<your_own_value>"
mailto3: "<your_own_value>"
notification_interval: "20"
PPP_errors_logs: "enable"
severity: "emergency"
ssh_logs: "enable"
sslvpn_authentication_errors_logs: "enable"
username: "<your_own_value>"
violation_traffic_logs: "enable"
warning_interval: "10"
webfilter_logs: "enable"
```

## 6.1.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.1.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.1.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.2 fortios\_antivirus\_heuristic – Configure global heuristic options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.2.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and heuristic category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.2.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.2.3 Tips

Using member operation to add an element to an existing object.

### 6.2.4 FortiOS Version Compatibility

### 6.2.5 Parameters

### 6.2.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.2.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure global heuristic options.
      fortios_antivirus_heuristic:
        vdom: "{{ vdom }}"
        antivirus_heuristic:
          mode: "pass"
```

## 6.2.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.2.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.2.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.3 fortios\_antivirus\_mms\_checksum – Configure MMS content checksum list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.3.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and mms\_checksum category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.3.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.3.3 Tips

Using member operation to add an element to an existing object.

### 6.3.4 FortiOS Version Compatibility

### 6.3.5 Parameters

### 6.3.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.3.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure MMS content checksum list.
      fortios_antivirus_mms_checksum:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        antivirus_mms_checksum:
          comment: "Optional comments."
          entries:
            -
              checksum: "<your_own_value>"
              name: "default_name_6"
              status: "enable"
        id: "8"
        name: "default_name_9"

```

### 6.3.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.3.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.3.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.4 fortios\_antivirus\_notification – Configure AntiVirus notification lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.4.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and notification category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.4.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.4.3 Tips

Using member operation to add an element to an existing object.

### 6.4.4 FortiOS Version Compatibility

### 6.4.5 Parameters

### 6.4.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.4.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiVirus notification lists.
  fortios_antivirus_notification:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    antivirus_notification:
      comment: "Optional comments."
      entries:
        -
          name: "default_name_5"
          prefix: "enable"
          status: "enable"
    id: "8"
    name: "default_name_9"
```

## 6.4.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.4.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.4.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.5 fortios\_antivirus\_profile – Configure AntiVirus profiles in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.5.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.5.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.5.3 Tips

Using member operation to add an element to an existing object.

### 6.5.4 FortiOS Version Compatibility

### 6.5.5 Parameters

### 6.5.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.5.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiVirus profiles.
  fortios_antivirus_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    antivirus_profile:
      analytics_accept_filetype: "0"
      analytics_bl_filetype: "2147483647"
      analytics_db: "disable"
      analytics_ignore_filetype: "0"
      analytics_max_upload: "10"
      analytics_wl_filetype: "2147483647"
      av_block_log: "enable"
      av_virus_log: "enable"
      cifs:
        archive_block: "encrypted"
        archive_log: "encrypted"
        av_scan: "disable"
        emulator: "enable"
        external_blocklist: "disable"
        fortiai: "disable"
        fortindr: "disable"
        fortisandbox: "disable"
        options: "scan"
        outbreak_prevention: "disable"
        quarantine: "disable"
      comment: "Comment."
      content_disarm:
        cover_page: "disable"
        detect_only: "disable"
        error_action: "block"
        office_action: "disable"
        office_dde: "disable"
        office_embed: "disable"
        office_hylink: "disable"
        office_linked: "disable"
        office_macro: "disable"
        original_file_destination: "fortisandbox"
        pdf_act_form: "disable"
        pdf_act_gotor: "disable"
        pdf_act_java: "disable"
        pdf_act_launch: "disable"
        pdf_act_movie: "disable"
        pdf_act_sound: "disable"
        pdf_embedfile: "disable"
```

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```

    pdf_hyperlink: "disable"
    pdf_javacode: "disable"
    ems_threat_feed: "disable"
    extended_log: "enable"
    external_blocklist:
    -
      name: "default_name_47 (source system.external-resource.name)"
    external_blocklist_archive_scan: "disable"
    external_blocklist_enable_all: "disable"
    feature_set: "flow"
    fortiai_error_action: "log-only"
    fortiai_timeout_action: "log-only"
    fortindr_error_action: "log-only"
    fortindr_timeout_action: "log-only"
    fortisandbox_error_action: "log-only"
    fortisandbox_max_upload: "10"
    fortisandbox_mode: "inline"
    fortisandbox_timeout_action: "log-only"
    ftgd_analytics: "disable"
    ftp:
      archive_block: "encrypted"
      archive_log: "encrypted"
      av_scan: "disable"
      emulator: "enable"
      external_blocklist: "disable"
      fortiai: "disable"
      fortindr: "disable"
      fortisandbox: "disable"
      options: "scan"
      outbreak_prevention: "disable"
      quarantine: "disable"
    http:
      archive_block: "encrypted"
      archive_log: "encrypted"
      av_scan: "disable"
      content_disarm: "disable"
      emulator: "enable"
      external_blocklist: "disable"
      fortiai: "disable"
      fortindr: "disable"
      fortisandbox: "disable"
      options: "scan"
      outbreak_prevention: "disable"
      quarantine: "disable"
      unknown_content_encoding: "block"
    imap:
      archive_block: "encrypted"
      archive_log: "encrypted"
      av_scan: "disable"
      content_disarm: "disable"
      emulator: "enable"
      executables: "default"
      external_blocklist: "disable"
      fortiai: "disable"
      fortindr: "disable"
      fortisandbox: "disable"
      options: "scan"

```

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```

    outbreak_prevention: "disable"
    quarantine: "disable"
inspection_mode: "proxy"
mapi:
    archive_block: "encrypted"
    archive_log: "encrypted"
    av_scan: "disable"
    emulator: "enable"
    executables: "default"
    external_blocklist: "disable"
    fortiai: "disable"
    fortindr: "disable"
    fortisandbox: "disable"
    options: "scan"
    outbreak_prevention: "disable"
    quarantine: "disable"
mobile_malware_db: "disable"
nac_quar:
    expiry: "<your_own_value>"
    infected: "none"
    log: "enable"
name: "default_name_119"
nntp:
    archive_block: "encrypted"
    archive_log: "encrypted"
    av_scan: "disable"
    emulator: "enable"
    external_blocklist: "disable"
    fortiai: "disable"
    fortindr: "disable"
    fortisandbox: "disable"
    options: "scan"
    outbreak_prevention: "disable"
    quarantine: "disable"
outbreak_prevention:
    external_blocklist: "disable"
    ftgd_service: "disable"
outbreak_prevention_archive_scan: "disable"
pop3:
    archive_block: "encrypted"
    archive_log: "encrypted"
    av_scan: "disable"
    content_disarm: "disable"
    emulator: "enable"
    executables: "default"
    external_blocklist: "disable"
    fortiai: "disable"
    fortindr: "disable"
    fortisandbox: "disable"
    options: "scan"
    outbreak_prevention: "disable"
    quarantine: "disable"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name) "
scan_mode: "default"
smb:
    archive_block: "encrypted"
    archive_log: "encrypted"

```

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```
    emulator: "enable"
    options: "scan"
    outbreak_prevention: "disabled"
  smtp:
    archive_block: "encrypted"
    archive_log: "encrypted"
    av_scan: "disable"
    content_disarm: "disable"
    emulator: "enable"
    executables: "default"
    external_blocklist: "disable"
    fortiai: "disable"
    fortindr: "disable"
    fortisandbox: "disable"
    options: "scan"
    outbreak_prevention: "disable"
    quarantine: "disable"
  ssh:
    archive_block: "encrypted"
    archive_log: "encrypted"
    av_scan: "disable"
    emulator: "enable"
    external_blocklist: "disable"
    fortiai: "disable"
    fortindr: "disable"
    fortisandbox: "disable"
    options: "scan"
    outbreak_prevention: "disable"
    quarantine: "disable"
```

### 6.5.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.5.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.5.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.6 fortios\_antivirus\_quarantine – Configure quarantine options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.6.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and quarantine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.6.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.6.3 Tips

Using member operation to add an element to an existing object.

### 6.6.4 FortiOS Version Compatibility

### 6.6.5 Parameters

### 6.6.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.6.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure quarantine options.
  fortios_antivirus_quarantine:
    vdom: "{{ vdom }}"
    antivirus_quarantine:
      agelimit: "0"
      destination: "NULL"
      drop_blocked: "imap"
      drop_heuristic: "imap"
      drop_infected: "imap"
      drop_intercepted: "imap"
      drop_machine_learning: "imap"
      lowspace: "drop-new"
      maxfilesize: "0"
      quarantine_quota: "0"
      store_blocked: "imap"
      store_heuristic: "imap"
      store_infected: "imap"
      store_intercepted: "imap"
      store_machine_learning: "imap"
```

## 6.6.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.6.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.6.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.7 fortios\_antivirus\_settings – Configure AntiVirus settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.7.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.7.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.7.3 Tips

Using member operation to add an element to an existing object.

## 6.7.4 FortiOS Version Compatibility

## 6.7.5 Parameters

## 6.7.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.7.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiVirus settings.
  fortios_antivirus_settings:
    vdom: "{{ vdom }}"
    antivirus_settings:
      cache_clean_result: "enable"
      cache_infected_result: "enable"
      default_db: "normal"
      grayware: "enable"
      machine_learning_detection: "enable"
      override_timeout: "0"
      use_extreme_db: "enable"
```

## 6.7.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.7.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.7.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.8 fortios\_application\_custom – Configure custom application signatures in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.8.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.8.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.8.3 Tips

Using member operation to add an element to an existing object.

## 6.8.4 FortiOS Version Compatibility

## 6.8.5 Parameters

## 6.8.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.8.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom application signatures.
  fortios_application_custom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    application_custom:
      behavior: "<your_own_value>"
      category: "0"
      comment: "Comment."
      id: "6"
      name: "default_name_7"
      protocol: "<your_own_value>"
      signature: "<your_own_value>"
      tag: "<your_own_value>"
      technology: "<your_own_value>"
      vendor: "<your_own_value>"
```

## 6.8.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.8.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.8.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.9 fortios\_application\_group – Configure firewall application groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.9.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.9.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.9.3 Tips

Using member operation to add an element to an existing object.

## 6.9.4 FortiOS Version Compatibility

## 6.9.5 Parameters

## 6.9.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.9.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure firewall application groups.
  fortios_application_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    application_group:
      application:
        -
          id: "4"
          behavior: "<your_own_value>"
          category:
            -
              id: "7"
              comment: "Comments."
              name: "default_name_9"
              popularity: "1"
              protocols: "<your_own_value>"
              risk:
                -
                  level: "0"
              technology: "<your_own_value>"
              type: "application"
              vendor: "<your_own_value>"
```



### 6.9.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.9.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.9.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.10 fortios\_application\_list – Configure application control lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.10.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.10.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.10.3 Tips

Using member operation to add an element to an existing object.

## 6.10.4 FortiOS Version Compatibility

## 6.10.5 Parameters

## 6.10.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.10.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure application control lists.
  fortios_application_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    application_list:
      app_replacemsg: "disable"
      comment: "Comments."
      control_default_network_services: "disable"
      deep_app_inspection: "disable"
      default_network_services:
        -
```

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```

    id: "8"
    port: "0"
    services: "http"
    violation_action: "pass"
    enforce_default_app_port: "disable"
    entries:
    -
      action: "pass"
      application:
      -
        id: "16"
        behavior: "<your_own_value>"
        category:
        -
          id: "19"
          exclusion:
          -
            id: "21"
            id: "22"
            log: "disable"
            log_packet: "disable"
            parameters:
            -
              id: "26"
              members:
              -
                id: "28"
                name: "default_name_29"
                value: "<your_own_value>"
                value: "<your_own_value>"
            per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.
↪name) "
            popularity: "1"
            protocols: "<your_own_value>"
            quarantine: "none"
            quarantine_expiry: "<your_own_value>"
            quarantine_log: "disable"
            rate_count: "0"
            rate_duration: "60"
            rate_mode: "periodical"
            rate_track: "none"
            risk:
            -
              level: "0"
            session_ttl: "0"
            shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name) "
            shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-shaper.
↪name) "
            sub_category:
            -
              id: "48"
              technology: "<your_own_value>"
              vendor: "<your_own_value>"
            extended_log: "enable"
            force_inclusion_ssl_di_sigs: "disable"
            name: "default_name_53"
            options: "allow-dns"

```

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```
other_application_action: "pass"
other_application_log: "disable"
p2p_black_list: "skype"
p2p_block_list: "skype"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
unknown_application_action: "pass"
unknown_application_log: "disable"
```

### 6.10.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.10.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.10.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.11 fortios\_application\_name – Configure application signatures in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.11.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.11.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.11.3 Tips

Using member operation to add an element to an existing object.

### 6.11.4 FortiOS Version Compatibility

### 6.11.5 Parameters

### 6.11.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.11.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure application signatures.
  fortios_application_name:
    vdom: "{{ vdom }}"
```

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```
state: "present"
access_token: "<your_own_value>"
application_name:
  behavior: "<your_own_value>"
  category: "0"
  id: "5"
  metadata:
    -
      id: "7"
      metaid: "0"
      valueid: "0"
  name: "default_name_10"
  parameter: "<your_own_value>"
  parameters:
    -
      default_value: "<your_own_value>"
      name: "default_name_14"
  popularity: "0"
  protocol: "<your_own_value>"
  risk: "0"
  sub_category: "127"
  technology: "<your_own_value>"
  vendor: "<your_own_value>"
  weight: "0"
```

### 6.11.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.11.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.11.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.12 fortios\_application\_rule\_settings – Configure application rule settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.12.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and rule\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.12.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.12.3 Tips

Using member operation to add an element to an existing object.

### 6.12.4 FortiOS Version Compatibility

### 6.12.5 Parameters

### 6.12.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.12.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure application rule settings.
  fortios_application_rule_settings:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    application_rule_settings:
      id: "3"
```

## 6.12.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.12.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.12.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.13 fortios\_authentication\_rule – Configure Authentication Rules in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.13.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify authentication feature and rule category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.13.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.13.3 Tips

Using member operation to add an element to an existing object.

### 6.13.4 FortiOS Version Compatibility

### 6.13.5 Parameters

### 6.13.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.13.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Authentication Rules.
      fortios_authentication_rule:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        authentication_rule:
          active_auth_method: "<your_own_value> (source authentication.scheme.name)"
          comments: "<your_own_value>"
          dstaddr:
            -
              name: "default_name_6 (source firewall.address.name firewall.addrgrp.name_
↪ firewall.proxy-address.name firewall.proxy-addrgrp.name system
                .external-resource.name)"
              dstaddr6:
                -
                  name: "default_name_8 (source firewall.address6.name firewall.addrgrp6.
↪ name)"
                  ip_based: "enable"
                  name: "default_name_10"
                  protocol: "http"
                  srcaddr:
                    -
                      name: "default_name_13 (source firewall.address.name firewall.addrgrp.
↪ name firewall.proxy-address.name firewall.proxy-addrgrp.name system
                                .external-resource.name)"
                      srcaddr6:
                        -
                          name: "default_name_15 (source firewall.address6.name firewall.addrgrp6.
↪ name)"
                          srcintf:
                            -
                              name: "default_name_17 (source system.interface.name system.zone.name)"
                              sso_auth_method: "<your_own_value> (source authentication.scheme.name)"
                              status: "enable"
                              transaction_based: "enable"
                              web_auth_cookie: "enable"
                              web_portal: "enable"

```

### 6.13.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.13.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.13.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.14 fortios\_authentication\_scheme – Configure Authentication Schemes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.14.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify authentication feature and scheme category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.14.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.14.3 Tips

Using member operation to add an element to an existing object.

## 6.14.4 FortiOS Version Compatibility

## 6.14.5 Parameters

## 6.14.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.14.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Authentication Schemes.
  fortios_authentication_scheme:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    authentication_scheme:
      domain_controller: "<your_own_value> (source user.domain-controller.name)"
      ems_device_owner: "enable"
      fsso_agent_for_ntlm: "<your_own_value> (source user.fsso.name)"
      fsso_guest: "enable"
      kerberos_keytab: "<your_own_value> (source user.krb-keytab.name)"
      method: "ntlm"
      name: "default_name_9"
      negotiate_ntlm: "enable"
      require_tfa: "enable"
      saml_server: "<your_own_value> (source user.saml.name)"
      saml_timeout: "120"
      ssh_ca: "<your_own_value> (source firewall.ssh.local-ca.name)"
      user_cert: "enable"
```

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```

user_database:
-
  name: "default_name_17 (source system.datasource.name user.radius.name_
↵user.tacacs+.name user.ldap.name user.group.name) "

```

### 6.14.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.14.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.14.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.15 fortios\_authentication\_setting – Configure authentication setting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.15.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify authentication feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.15.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.15.3 Tips

Using member operation to add an element to an existing object.

### 6.15.4 FortiOS Version Compatibility

### 6.15.5 Parameters

### 6.15.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.15.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure authentication setting.
  fortios_authentication_setting:
    vdom: "{{ vdom }}"
    authentication_setting:
      active_auth_scheme: "<your_own_value> (source authentication.scheme.name) "
      auth_https: "enable"
```

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```

captive_portal: "<your_own_value> (source firewall.address.name) "
captive_portal_ip: "<your_own_value>"
captive_portal_ip6: "<your_own_value>"
captive_portal_port: "7830"
captive_portal_ssl_port: "7831"
captive_portal_type: "fqdn"
captive_portal6: "<your_own_value> (source firewall.address6.name) "
cert_auth: "enable"
cert_captive_portal: "<your_own_value> (source firewall.address.name) "
cert_captive_portal_ip: "<your_own_value>"
cert_captive_portal_port: "7832"
cookie_max_age: "480"
cookie_refresh_div: "2"
dev_range:
-
    name: "default_name_19 (source firewall.address.name firewall.addrgrp.
↪name) "
    ip_auth_cookie: "enable"
    persistent_cookie: "enable"
    sso_auth_scheme: "<your_own_value> (source authentication.scheme.name) "
    update_time: "<your_own_value>"
    user_cert_ca:
    -
        name: "default_name_25 (source vpn.certificate.ca.name) "

```

## 6.15.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.15.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.15.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.16 fortios\_automation\_setting – Automation setting configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.16.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify automation feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.16.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.16.3 Tips

Using member operation to add an element to an existing object.

### 6.16.4 FortiOS Version Compatibility

### 6.16.5 Parameters

### 6.16.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.16.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Automation setting configuration.
      fortios_automation_setting:
        vdom: "{{ vdom }}"
        automation_setting:
          max_concurrent_stitches: "512"
```

## 6.16.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.16.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.16.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.17 fortios\_certificate\_ca – CA certificate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.17.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify certificate feature and ca category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.17.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.17.3 Tips

Using member operation to add an element to an existing object.

### 6.17.4 FortiOS Version Compatibility

### 6.17.5 Parameters

### 6.17.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.17.7 Examples

```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: CA certificate.
  fortios_certificate_ca:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    certificate_ca:
      auto_update_days: "0"
      auto_update_days_warning: "0"
      ca: "<your_own_value>"
      ca_identifier: "myId_6"
      last_updated: "2147483647"
      name: "default_name_8"
      obsolete: "disable"
      range: "global"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      ssl_inspection_trusted: "enable"
      trusted: "enable"

```

### 6.17.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.17.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.17.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.18 fortios\_certificate\_crl – Certificate Revocation List as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.18.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify certificate feature and crl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.18.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.18.3 Tips

Using member operation to add an element to an existing object.

### 6.18.4 FortiOS Version Compatibility

### 6.18.5 Parameters

### 6.18.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.18.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Certificate Revocation List as a PEM file.
  fortios_certificate_crl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    certificate_crl:
      crl: "<your_own_value>"
      http_url: "<your_own_value>"
      last_updated: "2147483647"
      ldap_password: "<your_own_value>"
      ldap_server: "<your_own_value>"
      ldap_username: "<your_own_value>"
      name: "default_name_9"
      range: "global"
      scep_cert: "<your_own_value> (source certificate.local.name)"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      update_interval: "0"
      update_vdom: "<your_own_value> (source system.vdom.name)"
```

## 6.18.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.18.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.18.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.19 fortios\_certificate\_local – Local keys and certificates in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.19.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify certificate feature and local category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.19.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.19.3 Tips

Using member operation to add an element to an existing object.

### 6.19.4 FortiOS Version Compatibility

### 6.19.5 Parameters

### 6.19.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.19.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Local keys and certificates.
  fortios_certificate_local:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    certificate_local:
      acme_ca_url: "<your_own_value>"
      acme_domain: "<your_own_value>"
      acme_email: "<your_own_value>"
      acme_renew_window: "30"
      acme_rsa_key_size: "2048"
      auto_regenerate_days: "0"
      auto_regenerate_days_warning: "0"
      ca_identifier: "myId_10"
      certificate: "<your_own_value>"
      cmp_path: "<your_own_value>"
      cmp_regeneration_method: "keyupate"
      cmp_server: "<your_own_value>"
      cmp_server_cert: "<your_own_value> (source certificate.ca.name certificate.
↪remote.name)"
      comments: "<your_own_value>"
      csr: "<your_own_value>"
      enroll_protocol: "none"
      ike_localid: "<your_own_value>"
      ike_localid_type: "asn1dn"
      last_updated: "2147483647"
      name: "default_name_22"
      name_encoding: "printable"
      password: "<your_own_value>"
      private_key: "<your_own_value>"
      private_key_retain: "enable"
      range: "global"
      scep_password: "<your_own_value>"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      state: "<your_own_value>"
```

### 6.19.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.19.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.19.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.20 fortios\_certificate\_remote – Remote certificate as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 6.20.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify certificate feature and remote category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.20.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.20.3 Tips

Using member operation to add an element to an existing object.

### 6.20.4 FortiOS Version Compatibility

### 6.20.5 Parameters

### 6.20.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.20.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Remote certificate as a PEM file.
  fortios_certificate_remote:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    certificate_remote:
      name: "default_name_3"
      range: "global"
      remote: "<your_own_value>"
      source: "factory"
```

### 6.20.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.20.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.20.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.21 fortios\_cifs\_domain\_controller – Define known domain controller servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.21.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify cifs feature and domain\_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.21.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.21.3 Tips

Using member operation to add an element to an existing object.

### 6.21.4 FortiOS Version Compatibility

### 6.21.5 Parameters

### 6.21.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.21.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define known domain controller servers.
  fortios_cifs_domain_controller:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    cifs_domain_controller:
      domain_name: "<your_own_value>"
      ip: "<your_own_value>"
      ip6: "<your_own_value>"
      password: "<your_own_value>"
      port: "32767"
```

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```
server_name: "<your_own_value>"
username: "<your_own_value>"
```

## 6.21.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.21.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.21.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.22 fortios\_cifs\_profile – Configure CIFS profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 6.22.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify cifs feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.22.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.22.3 Tips

Using member operation to add an element to an existing object.

### 6.22.4 FortiOS Version Compatibility

### 6.22.5 Parameters

### 6.22.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.22.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure CIFS profile.
  fortios_cifs_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    cifs_profile:
      domain_controller: "<your_own_value> (source credential-store.domain-
↪controller.server-name) "
```

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```
file_filter:
  entries:
    -
      action: "log"
      comment: "Comment."
      direction: "incoming"
      file_type:
        -
          name: "default_name_10 (source antivirus filetype.name)"
          filter: "<your_own_value>"
          protocol: "cifs"
      log: "enable"
      status: "enable"
  name: "default_name_15"
  server_credential_type: "none"
  server_keytab:
    -
      keytab: "<your_own_value>"
      password: "<your_own_value>"
      principal: "<your_own_value>"
```

### 6.22.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.22.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.22.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.23 fortios\_credential\_store\_domain\_controller – Define known domain controller servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.23.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify credential\_store feature and domain\_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.23.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.23.3 Tips

Using member operation to add an element to an existing object.

### 6.23.4 FortiOS Version Compatibility

### 6.23.5 Parameters

### 6.23.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.23.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define known domain controller servers.
  fortios_credential_store_domain_controller:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    credential_store_domain_controller:
      domain_name: "<your_own_value>"
      hostname: "myhostname"
      ip: "<your_own_value>"
      ip6: "<your_own_value>"
      password: "<your_own_value>"
      port: "32767"
      server_name: "<your_own_value>"
      username: "<your_own_value>"
```

### 6.23.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.23.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.23.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.24 fortios\_dlp\_data\_type – Configure predefined data type used by DLP blocking in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.24.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and data\_type category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.24.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.24.3 Tips

Using member operation to add an element to an existing object.

### 6.24.4 FortiOS Version Compatibility

### 6.24.5 Parameters

### 6.24.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.24.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure predefined data type used by DLP blocking.
  fortios_dlp_data_type:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_data_type:
      comment: "Optional comments."
      look_ahead: "1"
      look_back: "1"
      name: "default_name_6"
      pattern: "<your_own_value>"
      transform: "<your_own_value>"
      verify: "<your_own_value>"
      verify_transformed_pattern: "enable"
```

## 6.24.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.24.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.24.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.25 fortios\_dlp\_dictionary – Configure dictionaries used by DLP blocking in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.25.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and dictionary category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.25.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.25.3 Tips

Using member operation to add an element to an existing object.

### 6.25.4 FortiOS Version Compatibility

### 6.25.5 Parameters

### 6.25.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.25.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure dictionaries used by DLP blocking.
  fortios_dlp_dictionary:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_dictionary:
      comment: "Optional comments."
      entries:
        -
          comment: "Optional comments."
          id: "6"
          ignore_case: "enable"
          pattern: "<your_own_value>"
          repeat: "enable"
          status: "enable"
          type: "<your_own_value> (source dlp.data-type.name)"
    match_type: "match-all"
    name: "default_name_13"
    uuid: "<your_own_value>"
```

## 6.25.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.25.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.25.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.26 fortios\_dlp\_filepattern – Configure file patterns used by DLP blocking in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.26.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and filepattern category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.26.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.26.3 Tips

Using member operation to add an element to an existing object.

### 6.26.4 FortiOS Version Compatibility

### 6.26.5 Parameters

### 6.26.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.26.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure file patterns used by DLP blocking.
  fortios_dlp_filepattern:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_filepattern:
      comment: "Optional comments."
      entries:
        -
          file_type: "7z"
          filter_type: "pattern"
          pattern: "<your_own_value>"
      id: "8"
      name: "default_name_9"
```

## 6.26.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.26.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.26.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.27 fortios\_dlp\_fp\_doc\_source – Create a DLP fingerprint database by allowing the FortiGate to access a file server containing files from which to create fingerprints in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.27.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and fp\_doc\_source category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.27.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.27.3 Tips

Using member operation to add an element to an existing object.

## 6.27.4 FortiOS Version Compatibility

## 6.27.5 Parameters

## 6.27.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.27.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Create a DLP fingerprint database by allowing the FortiGate to access a
    ↪file server containing files from which to create fingerprints.
    fortios_dlp_fp_doc_source:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      dlp_fp_doc_source:
        date: "1"
        file_path: "<your_own_value>"
        file_pattern: "<your_own_value>"
        keep_modified: "enable"
        name: "default_name_7"
        password: "<your_own_value>"
        period: "none"
        remove_deleted: "enable"
        scan_on_creation: "enable"
        scan_subdirectories: "enable"
        sensitivity: "<your_own_value> (source dlp.sensitivity.name)"
        server: "192.168.100.40"
        server_type: "samba"
        tod_hour: "1"
        tod_min: "0"
        username: "<your_own_value>"
        vdom: "mgmt"
        weekday: "sunday"
```

## 6.27.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



### 6.27.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.27.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.28 fortios\_dlp\_fp\_sensitivity – Create self-explanatory DLP sensitivity levels to be used when setting sensitivity under config fp-doc-source in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.28.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and fp\_sensitivity category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

---

**6.28. fortios\_dlp\_fp\_sensitivity – Create self-explanatory DLP sensitivity levels to be used when setting sensitivity under config fp-doc-source in Fortinet’s FortiOS and FortiGate.**

## 6.28.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.28.3 Tips

Using member operation to add an element to an existing object.

## 6.28.4 FortiOS Version Compatibility

## 6.28.5 Parameters

## 6.28.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.28.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Create self-explanatory DLP sensitivity levels to be used when setting_
    ↪sensitivity under config fp-doc-source.
    fortios_dlp_fp_sensitivity:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      dlp_fp_sensitivity:
        name: "default_name_3"
```

## 6.28.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.28.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.28.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.29 fortios\_dlp\_profile – Configure DLP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.29.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.29.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.29.3 Tips

Using member operation to add an element to an existing object.

### 6.29.4 FortiOS Version Compatibility

### 6.29.5 Parameters

### 6.29.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.29.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DLP profiles.
  fortios_dlp_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_profile:
      comment: "Comment."
      dlp_log: "enable"
      extended_log: "enable"
      feature_set: "flow"
      full_archive_proto: "smtp"
      nac_quar_log: "enable"
      name: "default_name_9"
      replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
      rule:
        -
          action: "allow"
          archive: "disable"
          expiry: "<your_own_value>"
          file_size: "0"
          file_type: "0"
          filter_by: "sensor"
          id: "18"
          label: "<your_own_value> (source dlp.dictionary.name)"
          match_percentage: "10"
          name: "default_name_21"
```

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```

    proto: "smtp"
    sensitivity:
      -
        name: "default_name_24 (source dlp.sensitivity.name) "
    sensor:
      -
        name: "default_name_26 (source dlp.sensor.name) "
    severity: "info"
    type: "file"
    summary_proto: "smtp"

```

## 6.29.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.29.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.29.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.30 fortios\_dlp\_sensitivity – Create self-explanatory DLP sensitivity levels to be used when setting sensitivity under config fp-doc-source in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.30.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and sensitivity category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.30.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.30.3 Tips

Using member operation to add an element to an existing object.

### 6.30.4 FortiOS Version Compatibility

### 6.30.5 Parameters

### 6.30.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.30.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```

ansible_httpapi_port: 443
tasks:
- name: Create self-explanatory DLP sensitivity levels to be used when setting_
  ↪sensitivity under config fp-doc-source.
  fortios_dlp_sensitivity:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_sensitivity:
      name: "default_name_3"

```

### 6.30.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.30.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.30.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.31 fortios\_dlp\_sensor – Configure sensors used by DLP blocking in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.31.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and sensor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.31.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.31.3 Tips

Using member operation to add an element to an existing object.

### 6.31.4 FortiOS Version Compatibility

### 6.31.5 Parameters

### 6.31.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.31.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure sensors used by DLP blocking.
  fortios_dlp_sensor:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dlp_sensor:
      comment: "Optional comments."
      dlp_log: "enable"
      entries:
        -
          count: "1"
          dictionary: "<your_own_value> (source dlp.dictionary.name)"
          id: "8"
          status: "enable"
        eval: "<your_own_value>"
        extended_log: "enable"
        feature_set: "flow"
        filter:
          -
            action: "allow"
            archive: "disable"
            company_identifier: "myId_16"
            expiry: "<your_own_value>"
            file_size: "10"
            file_type: "0"
            filter_by: "credit-card"
            fp_sensitivity:
              -
                name: "default_name_22 (source dlp.fp-sensitivity.name)"
                id: "23"
                match_percentage: "10"
                name: "default_name_25"
                proto: "smtp"
                regexp: "<your_own_value>"
                sensitivity:
                  -
                    name: "default_name_29 (source dlp.sensitivity.name)"
                    severity: "info"
                    type: "file"
            flow_based: "enable"
            full_archive_proto: "smtp"
            match_type: "match-all"
            nac_quar_log: "enable"
            name: "default_name_36"
            options: "<your_own_value>"
            replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
            summary_proto: "smtp"

```

### 6.31.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.31.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.31.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.32 fortios\_dlp\_settings – Designate logical storage for DLP fingerprint database in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.32.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.32.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.32.3 Tips

Using member operation to add an element to an existing object.

### 6.32.4 FortiOS Version Compatibility

### 6.32.5 Parameters

### 6.32.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.32.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Designate logical storage for DLP fingerprint database.
  fortios_dlp_settings:
    vdom: "{{ vdom }}"
    dlp_settings:
      cache_mem_percent: "2"
      chunk_size: "2800"
      db_mode: "stop-adding"
      size: "16"
      storage_device: "<your_own_value> (source system.storage.name) "
```

### 6.32.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.32.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.32.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.33 fortios\_dnsfilter\_domain\_filter – Configure DNS domain filters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.33.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dnsfilter feature and domain\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.33.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.33.3 Tips

Using member operation to add an element to an existing object.

### 6.33.4 FortiOS Version Compatibility

### 6.33.5 Parameters

### 6.33.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.33.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DNS domain filters.
  fortios_dnsfilter_domain_filter:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    dnsfilter_domain_filter:
      comment: "Optional comments."
      entries:
        -
          action: "block"
          domain: "<your_own_value>"
          id: "7"
          status: "enable"
          type: "simple"
    id: "10"
    name: "default_name_11"
```

### 6.33.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.33.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.33.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.34 fortios\_dnsfilter\_profile – Configure DNS domain filter profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.34.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dnsfilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.34.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.34.3 Tips

Using member operation to add an element to an existing object.

### 6.34.4 FortiOS Version Compatibility

### 6.34.5 Parameters

### 6.34.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.34.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure DNS domain filter profile.
      fortios_dnsfilter_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        dnsfilter_profile:
          block_action: "block"
          block_botnet: "disable"
          comment: "Comment."
          dns_translation:
            -
              addr_type: "ipv4"
```

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```

    dst: "<your_own_value>"
    dst6: "<your_own_value>"
    id: "10"
    netmask: "<your_own_value>"
    prefix: "128"
    src: "<your_own_value>"
    src6: "<your_own_value>"
    status: "enable"
  domain_filter:
    domain_filter_table: "0"
  external_ip_blocklist:
    -
      name: "default_name_19 (source system.external-resource.name) "
  ftgd_dns:
    filters:
      -
        action: "block"
        category: "0"
        id: "24"
        log: "enable"
        options: "error-allow"
    log_all_domain: "enable"
    name: "default_name_28"
    redirect_portal: "<your_own_value>"
    redirect_portal6: "<your_own_value>"
    safe_search: "disable"
    sdns_domain_log: "enable"
    sdns_ftgd_err_log: "enable"
    youtube_restrict: "strict"

```

### 6.34.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.34.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.34.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.35 fortios\_dpdk\_cpus – Configure CPUs enabled to run engines in each DPDK stage in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.35.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dpdk feature and cpus category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.35.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.35.3 Tips

Using member operation to add an element to an existing object.

### 6.35.4 FortiOS Version Compatibility

### 6.35.5 Parameters

### 6.35.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.35.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure CPUs enabled to run engines in each DPDK stage.
  fortios_dpdk_cpus:
    vdom: "{{ vdom }}"
    dpdk_cpus:
      ips_cpus: "<your_own_value>"
      isolated_cpus: "<your_own_value>"
      rx_cpus: "<your_own_value>"
      tx_cpus: "<your_own_value>"
      vnp_cpus: "<your_own_value>"
```

### 6.35.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.35.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.35.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.36 fortios\_dpdk\_global – Configure global DPDK options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.36.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dpdk feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.36.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.36.3 Tips

Using member operation to add an element to an existing object.

### 6.36.4 FortiOS Version Compatibility

### 6.36.5 Parameters

### 6.36.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.36.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure global DPDK options.
  fortios_dpdk_global:
    vdom: "{{ vdom }}"
    dpdk_global:
      elasticbuffer: "disable"
      hugepage_percentage: "30"
      interface:
        -
          interface_name: "<your_own_value> (source system.interface.name)"
      ipsec_offload: "disable"
      mbufpool_percentage: "25"
      multiqueue: "disable"
      per_session_accounting: "disable"
      sleep_on_idle: "disable"
      status: "disable"
```

## 6.36.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.36.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.36.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.37 fortios\_emailfilter\_block\_allow\_list – Configure anti-spam block/allow list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.37.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and block\_allow\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.37.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.37.3 Tips

Using member operation to add an element to an existing object.

### 6.37.4 FortiOS Version Compatibility

### 6.37.5 Parameters

### 6.37.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.37.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure anti-spam block/allow list.
  fortios_emailfilter_block_allow_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_block_allow_list:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          addr_type: "ipv4"
          email_pattern: "<your_own_value>"
          id: "8"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          pattern: "<your_own_value>"
          pattern_type: "wildcard"
          status: "enable"
          type: "ip"
      id: "15"
    name: "default_name_16"
```

## 6.37.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.37.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.37.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.38 fortios\_emailfilter\_bwl – Configure anti-spam black/white list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.38.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and bwl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.38.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.38.3 Tips

Using member operation to add an element to an existing object.

### 6.38.4 FortiOS Version Compatibility

### 6.38.5 Parameters

### 6.38.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.38.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure anti-spam black/white list.
  fortios_emailfilter_bwl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_bwl:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          addr_type: "ipv4"
          email_pattern: "<your_own_value>"
          id: "8"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          pattern_type: "wildcard"
          status: "enable"
          type: "ip"
      id: "14"
      name: "default_name_15"
```

## 6.38.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.38.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.38.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)



- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.39 fortios\_emailfilter\_bword – Configure AntiSpam banned word list in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.39.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and bword category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.39.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.39.3 Tips

Using member operation to add an element to an existing object.

## 6.39.4 FortiOS Version Compatibility

## 6.39.5 Parameters

## 6.39.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.39.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam banned word list.
  fortios_emailfilter_bword:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_bword:
      comment: "Optional comments."
      entries:
        -
          action: "spam"
          id: "6"
          language: "western"
          pattern: "<your_own_value>"
          pattern_type: "wildcard"
          score: "10"
          status: "enable"
          where: "subject"
    id: "13"
    name: "default_name_14"
```

## 6.39.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.39.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.39.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.40 fortios\_emailfilter\_dnsbl – Configure AntiSpam DNSBL/ORBL in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.40.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and dnsbl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.40.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.40.3 Tips

Using member operation to add an element to an existing object.

### 6.40.4 FortiOS Version Compatibility

### 6.40.5 Parameters

### 6.40.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.40.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam DNSBL/ORBL.
  fortios_emailfilter_dnsbl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_dnsbl:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          id: "6"
          server: "192.168.100.40"
          status: "enable"
    id: "9"
    name: "default_name_10"
```

### 6.40.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.40.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.40.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.41 fortios\_emailfilter\_fortishield – Configure FortiGuard - Anti-Spam in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.41.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and fortishield category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.41.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.41.3 Tips

Using member operation to add an element to an existing object.

### 6.41.4 FortiOS Version Compatibility

### 6.41.5 Parameters

### 6.41.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.41.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiGuard - AntiSpam.
      fortios_emailfilter_fortishield:
        vdom: "{{ vdom }}"
        emailfilter_fortishield:
          spam_submit_force: "enable"
          spam_submit_srv: "<your_own_value>"
          spam_submit_txt2htm: "enable"
```

### 6.41.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.41.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.41.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.42 fortios\_emailfilter\_iptrust – Configure AntiSpam IP trust in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.42.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and iptrust category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.42.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.42.3 Tips

Using member operation to add an element to an existing object.

## 6.42.4 FortiOS Version Compatibility

## 6.42.5 Parameters

## 6.42.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.42.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam IP trust.
  fortios_emailfilter_iptrust:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_iptrust:
      comment: "Optional comments."
      entries:
        -
          addr_type: "ipv4"
          id: "6"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          status: "enable"
    id: "10"
    name: "default_name_11"
```

## 6.42.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.42.9 Status

- This module is not guaranteed to have a backwards compatible interface.



### 6.42.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.43 fortios\_emailfilter\_mheader – Configure AntiSpam MIME header in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.43.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and mheader category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.43.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.43.3 Tips

Using member operation to add an element to an existing object.

### 6.43.4 FortiOS Version Compatibility

### 6.43.5 Parameters

### 6.43.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.43.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam MIME header.
  fortios_emailfilter_mheader:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_mheader:
      comment: "Optional comments."
      entries:
        -
          action: "spam"
          fieldbody: "<your_own_value>"
          fieldname: "<your_own_value>"
          id: "8"
          pattern_type: "wildcard"
          status: "enable"
    id: "11"
    name: "default_name_12"
```

### 6.43.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.43.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.43.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.44 fortios\_emailfilter\_options – Configure AntiSpam options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.44.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.44.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.44.3 Tips

Using member operation to add an element to an existing object.

## 6.44.4 FortiOS Version Compatibility

## 6.44.5 Parameters

## 6.44.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.44.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam options.
  fortios_emailfilter_options:
    vdom: "{{ vdom }}"
    emailfilter_options:
      dns_timeout: "7"
```

## 6.44.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.44.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.44.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.45 fortios\_emailfilter\_profile – Configure Email Filter profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.45.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.45.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.45.3 Tips

Using member operation to add an element to an existing object.

### 6.45.4 FortiOS Version Compatibility

### 6.45.5 Parameters

### 6.45.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.45.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Email Filter profiles.
  fortios_emailfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    emailfilter_profile:
      comment: "Comment."
      external: "enable"
      feature_set: "flow"
      file_filter:
        entries:
          -
            action: "log"
            comment: "Comment."
            file_type:
              -
                name: "default_name_11 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
                password_protected: "yes"
                protocol: "smtp"
            log: "enable"
            scan_archive_contents: "enable"
            status: "enable"
      gmail:
        log: "enable"
        log_all: "disable"
```

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```

imap:
  action: "pass"
  log: "enable"
  log_all: "disable"
  tag_msg: "<your_own_value>"
  tag_type: "subject"
mapi:
  action: "pass"
  log: "enable"
  log_all: "disable"
msn_hotmail:
  log: "enable"
  log_all: "disable"
name: "default_name_34"
options: "bannedword"
other_webmails:
  log_all: "disable"
pop3:
  action: "pass"
  log: "enable"
  log_all: "disable"
  tag_msg: "<your_own_value>"
  tag_type: "subject"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name) "
smtp:
  action: "pass"
  hdrip: "disable"
  local_override: "disable"
  log: "enable"
  log_all: "disable"
  tag_msg: "<your_own_value>"
  tag_type: "subject"
spam_bal_table: "0"
spam_bwl_table: "2147483647"
spam_bword_table: "0"
spam_bword_threshold: "10"
spam_filtering: "enable"
spam_iptrust_table: "0"
spam_log: "disable"
spam_log_fortiguard_response: "disable"
spam_mheader_table: "0"
spam_rbl_table: "0"
yahoo_mail:
  log: "enable"
  log_all: "disable"

```

### 6.45.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.45.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.45.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.46 fortios\_endpoint\_control\_client – Configure endpoint control client lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.46.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and client category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.46.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9



### 6.46.3 Tips

Using member operation to add an element to an existing object.

### 6.46.4 FortiOS Version Compatibility

### 6.46.5 Parameters

### 6.46.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.46.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure endpoint control client lists.
      fortios_endpoint_control_client:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        endpoint_control_client:
          ad_groups: "<your_own_value>"
          ftcl_uid: "<your_own_value>"
          id: "5"
          info: "<your_own_value>"
          src_ip: "<your_own_value>"
          src_mac: "<your_own_value>"
```

### 6.46.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.46.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.46.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.47 fortios\_endpoint\_control\_fctems – Configure FortiClient Enterprise Management Server (EMS) entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.47.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and fctems category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.47.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.47.3 Tips

Using member operation to add an element to an existing object.

### 6.47.4 FortiOS Version Compatibility

### 6.47.5 Parameters

### 6.47.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.47.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiClient Enterprise Management Server (EMS) entries.
  fortios_endpoint_control_fctems:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    endpoint_control_fctems:
      admin_password: "<your_own_value>"
      admin_username: "<your_own_value>"
      call_timeout: "30"
      capabilities: "fabric-auth"
      certificate: "<your_own_value> (source certificate.remote.name)"
      cloud_server_type: "production"
      dirty_reason: "none"
      ems_id: "0"
      fortinetone_cloud_authentication: "enable"
      https_port: "443"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      name: "default_name_15"
      out_of_sync_threshold: "180"
      preserve_ssl_session: "enable"
      pull_avatars: "enable"
      pull_malware_hash: "enable"
      pull_sysinfo: "enable"
      pull_tags: "enable"
      pull_vulnerabilities: "enable"
```

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```
serial_number: "<your_own_value>"
server: "192.168.100.40"
source_ip: "84.230.14.43"
status: "enable"
status_check_interval: "90"
tenant_id: "<your_own_value>"
websocket_override: "disable"
```

### 6.47.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.47.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.47.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.48 fortios\_endpoint\_control\_forticlient\_ems – Configure Forti-Client Enterprise Management Server (EMS) entries in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.48.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and forticlient\_ems category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.48.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.48.3 Tips

Using member operation to add an element to an existing object.

### 6.48.4 FortiOS Version Compatibility

### 6.48.5 Parameters

### 6.48.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.48.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiClient Enterprise Management Server (EMS) entries.
```

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```
fortios_endpoint_control_forticlient_ems:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  endpoint_control_forticlient_ems:
    address: "<your_own_value> (source firewall.address.name)"
    admin_password: "<your_own_value>"
    admin_type: "Windows"
    admin_username: "<your_own_value>"
    https_port: "32767"
    listen_port: "32767"
    name: "default_name_9"
    rest_api_auth: "disable"
    serial_number: "<your_own_value>"
    upload_port: "32767"
```

### 6.48.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.48.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.48.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.49 fortios\_endpoint\_control\_forticlient\_registration\_sync – Configure FortiClient registration synchronization settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.49.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and forticlient\_registration\_sync category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.49.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.49.3 Tips

Using member operation to add an element to an existing object.

### 6.49.4 FortiOS Version Compatibility

### 6.49.5 Parameters

### 6.49.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.49.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiClient registration synchronization settings.
  fortios_endpoint_control_forticlient_registration_sync:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    endpoint_control_forticlient_registration_sync:
      peer_ip: "<your_own_value>"
      peer_name: "<your_own_value>"
```

### 6.49.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.49.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.49.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.50 fortios\_endpoint\_control\_profile – Configure FortiClient endpoint control profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.50.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.50.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.50.3 Tips

Using member operation to add an element to an existing object.

### 6.50.4 FortiOS Version Compatibility

### 6.50.5 Parameters

### 6.50.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.50.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiClient endpoint control profiles.
      fortios_endpoint_control_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        endpoint_control_profile:
          description: "<your_own_value>"
          device_groups:
            -
              name: "default_name_5 (source user.device-group.name user.device-category.
↳name) "
            forticlient_android_settings:
              disable_wf_when_protected: "enable"
              forticlient_advanced_vpn: "enable"
              forticlient_advanced_vpn_buffer: "<your_own_value>"
              forticlient_vpn_provisioning: "enable"
              forticlient_vpn_settings:
                -
                  auth_method: "psk"
                  name: "default_name_13"
                  preshared_key: "<your_own_value>"
                  remote_gw: "<your_own_value>"
                  sslvpn_access_port: "32767"
                  sslvpn_require_certificate: "enable"
                  type: "ipsec"
              forticlient_wf: "enable"
              forticlient_wf_profile: "<your_own_value> (source webfilter.profile.name) "
            forticlient_ios_settings:
              client_vpn_provisioning: "enable"
              client_vpn_settings:
                -
                  auth_method: "psk"
                  name: "default_name_25"
                  preshared_key: "<your_own_value>"
                  remote_gw: "<your_own_value>"
                  sslvpn_access_port: "32767"
                  sslvpn_require_certificate: "enable"
                  type: "ipsec"
                  vpn_configuration_content: "<your_own_value>"
                  vpn_configuration_name: "<your_own_value>"
              configuration_content: "<your_own_value>"
              configuration_name: "<your_own_value>"
              disable_wf_when_protected: "enable"
              distribute_configuration_profile: "enable"
              forticlient_wf: "enable"
              forticlient_wf_profile: "<your_own_value> (source webfilter.profile.name) "
            forticlient_winmac_settings:

```

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```

av_realtime_protection: "enable"
av_signature_up_to_date: "enable"
forticlient_application_firewall: "enable"
forticlient_application_firewall_list: "<your_own_value> (source_
↪application.list.name)"
forticlient_av: "enable"
forticlient_ems_compliance: "enable"
forticlient_ems_compliance_action: "block"
forticlient_ems_entries:
-
    name: "default_name_48 (source endpoint-control.forticlient-ems.name)"
forticlient_linux_ver: "<your_own_value>"
forticlient_log_upload: "enable"
forticlient_log_upload_level: "traffic"
forticlient_log_upload_server: "<your_own_value>"
forticlient_mac_ver: "<your_own_value>"
forticlient_minimum_software_version: "enable"
forticlient_operating_system:
-
    id: "56"
    os_name: "<your_own_value>"
    os_type: "custom"
forticlient_own_file:
-
    file: "<your_own_value>"
    id: "61"
forticlient_registration_compliance_action: "block"
forticlient_registry_entry:
-
    id: "64"
    registry_entry: "<your_own_value>"
forticlient_running_app:
-
    app_name: "<your_own_value>"
    app_sha256_signature: "<your_own_value>"
    app_sha256_signature2: "<your_own_value>"
    app_sha256_signature3: "<your_own_value>"
    app_sha256_signature4: "<your_own_value>"
    application_check_rule: "present"
    id: "73"
    process_name: "<your_own_value>"
    process_name2: "<your_own_value>"
    process_name3: "<your_own_value>"
    process_name4: "<your_own_value>"
forticlient_security_posture: "enable"
forticlient_security_posture_compliance_action: "block"
forticlient_system_compliance: "enable"
forticlient_system_compliance_action: "block"
forticlient_vuln_scan: "enable"
forticlient_vuln_scan_compliance_action: "block"
forticlient_vuln_scan_enforce: "critical"
forticlient_vuln_scan_enforce_grace: "15"
forticlient_vuln_scan_exempt: "enable"
forticlient_wf: "enable"
forticlient_wf_profile: "<your_own_value> (source webfilter.profile.name)"
forticlient_win_ver: "<your_own_value>"
os_av_software_installed: "enable"

```

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```
    sandbox_address: "<your_own_value>"
    sandbox_analysis: "enable"
  on_net_addr:
    -
      name: "default_name_94 (source firewall.address.name firewall.addrgrp.
↵name) "
      profile_name: "<your_own_value>"
      replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↵name) "
      src_addr:
        -
          name: "default_name_98 (source firewall.address.name firewall.addrgrp.
↵name) "
      user_groups:
        -
          name: "default_name_100 (source user.group.name) "
      users:
        -
          name: "default_name_102 (source user.local.name) "
```

### 6.50.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.50.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.50.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.51 fortios\_endpoint\_control\_registered\_forticlient – Registered FortiClient list in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.51.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and registered\_forticlient category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.51.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.51.3 Tips

Using member operation to add an element to an existing object.

### 6.51.4 FortiOS Version Compatibility

### 6.51.5 Parameters

### 6.51.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.51.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Registered FortiClient list.
  fortios_endpoint_control_registered_forticlient:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    endpoint_control_registered_forticlient:
      flag: "32767"
      ip: "<your_own_value>"
      mac: "<your_own_value>"
      reg_fortigate: "<your_own_value>"
      status: "32767"
      uid: "<your_own_value>"
      vdom: "<your_own_value>"
```

### 6.51.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.51.9 Status

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### 6.51.10 Authors

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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.52 fortios\_endpoint\_control\_settings – Configure endpoint control settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.52.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify endpoint\_control feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.52.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.52.3 Tips

Using member operation to add an element to an existing object.

### 6.52.4 FortiOS Version Compatibility

### 6.52.5 Parameters

### 6.52.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.52.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure endpoint control settings.
  fortios_endpoint_control_settings:
    vdom: "{{ vdom }}"
    endpoint_control_settings:
      download_custom_link: "<your_own_value>"
      download_location: "fortiguard"
      forticlient_avdb_update_interval: "12"
      forticlient_dereg_unsupported_client: "enable"
      forticlient_disconnect_unsupported_client: "enable"
      forticlient_ems_rest_api_call_timeout: "15000"
      forticlient_keepalive_interval: "150"
      forticlient_offline_grace: "enable"
      forticlient_offline_grace_interval: "300"
      forticlient_reg_key: "<your_own_value>"
      forticlient_reg_key_enforce: "enable"
      forticlient_reg_timeout: "90"
      forticlient_sys_update_interval: "720"
      forticlient_user_avatar: "enable"
      forticlient_warning_interval: "12"
```

## 6.52.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.52.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.52.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.53 fortios\_extender\_controller\_dataplan – FortiExtender dataplan configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.53.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender\_controller feature and dataplan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.53.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.53.3 Tips

Using member operation to add an element to an existing object.

### 6.53.4 FortiOS Version Compatibility

### 6.53.5 Parameters

### 6.53.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.53.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FortiExtender dataplan configuration.
  fortios_extender_controller_dataplan:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extender_controller_dataplan:
      apn: "<your_own_value>"
      APN: "<your_own_value>"
      auth_type: "none"
      billing_date: "1"
      capacity: "0"
      carrier: "<your_own_value>"
      iccid: "<your_own_value>"
      modem_id: "modem1"
      monthly_fee: "0"
      name: "default_name_12"
      overage: "disable"
      password: "<your_own_value>"
      pdn: "ipv4-only"
      PDN: "ipv4-only"
      preferred_subnet: "32"
      private_network: "disable"
      signal_period: "3600"
      signal_threshold: "100"
      slot: "sim1"
      type: "carrier"
      username: "<your_own_value>"
```

### 6.53.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.53.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.53.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.54 fortios\_extender\_controller\_extender – Extender controller configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.54.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender\_controller feature and extender category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.54.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.54.3 Tips

Using member operation to add an element to an existing object.

### 6.54.4 FortiOS Version Compatibility

### 6.54.5 Parameters

### 6.54.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.54.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Extender controller configuration.
  fortios_extender_controller_extender:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extender_controller_extender:
      aaa_shared_secret: "<your_own_value>"
      access_point_name: "<your_own_value>"
      admin: "disable"
      allowaccess: "ping"
      at_dial_script: "<your_own_value>"
      authorized: "disable"
      bandwidth_limit: "1024"
      billing_start_day: "14"
      cdma_aaa_spi: "<your_own_value>"
      cdma_ha_spi: "<your_own_value>"
      cdma_nai: "<your_own_value>"
      conn_status: "2147483647"
      controller_report:
        interval: "300"
        signal_threshold: "10"
        status: "disable"
      description: "<your_own_value>"
      device_id: "1024"
      dial_mode: "dial-on-demand"
      dial_status: "2147483647"
```

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```

enforce_bandwidth: "enable"
ext_name: "<your_own_value>"
extension_type: "wan-extension"
ha_shared_secret: "<your_own_value>"
id: "27"
ifname: "<your_own_value> (source system.interface.name)"
initiated_update: "enable"
login_password: "<your_own_value>"
login_password_change: "yes"
mode: "standalone"
modem_passwd: "<your_own_value>"
modem_type: "cdma"
modem1:
  auto_switch:
    dataplan: "disable"
    disconnect: "disable"
    disconnect_period: "600"
    disconnect_threshold: "3"
    signal: "disable"
    switch_back: "time"
    switch_back_time: "<your_own_value>"
    switch_back_timer: "86400"
  conn_status: "0"
  default_sim: "sim1"
  gps: "disable"
  ifname: "<your_own_value> (source system.interface.name)"
  preferred_carrier: "<your_own_value>"
  redundant_intf: "<your_own_value>"
  redundant_mode: "disable"
  sim1_pin: "disable"
  sim1_pin_code: "<your_own_value>"
  sim2_pin: "disable"
  sim2_pin_code: "<your_own_value>"
modem2:
  auto_switch:
    dataplan: "disable"
    disconnect: "disable"
    disconnect_period: "600"
    disconnect_threshold: "3"
    signal: "disable"
    switch_back: "time"
    switch_back_time: "<your_own_value>"
    switch_back_timer: "86400"
  conn_status: "0"
  default_sim: "sim1"
  gps: "disable"
  ifname: "<your_own_value> (source system.interface.name)"
  preferred_carrier: "<your_own_value>"
  redundant_intf: "<your_own_value>"
  redundant_mode: "disable"
  sim1_pin: "disable"
  sim1_pin_code: "<your_own_value>"
  sim2_pin: "disable"
  sim2_pin_code: "<your_own_value>"
multi_mode: "auto"
name: "default_name_78"
override_allowaccess: "enable"

```

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```
override_enforce_bandwidth: "enable"
override_login_password_change: "enable"
ppp_auth_protocol: "auto"
ppp_echo_request: "enable"
ppp_password: "<your_own_value>"
ppp_username: "<your_own_value>"
primary_ha: "<your_own_value>"
profile: "<your_own_value> (source extender-controller.extender-profile.name)"
quota_limit_mb: "5242880"
redial: "none"
redundant_intf: "<your_own_value>"
roaming: "enable"
role: "none"
secondary_ha: "<your_own_value>"
sim_pin: "<your_own_value>"
vdom: "0"
wan_extension:
  modem1_extension: "<your_own_value> (source system.interface.name)"
  modem2_extension: "<your_own_value> (source system.interface.name)"
wimax_auth_protocol: "tls"
wimax_carrier: "<your_own_value>"
wimax_realm: "<your_own_value>"
```

### 6.54.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.54.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.54.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.55 fortios\_extender\_controller\_extender\_profile – FortiExtender extender profile configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.55.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender\_controller feature and extender\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.55.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.55.3 Tips

Using member operation to add an element to an existing object.

### 6.55.4 FortiOS Version Compatibility

### 6.55.5 Parameters

### 6.55.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.55.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FortiExtender extender profile configuration.
  fortios_extender_controller_extender_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extender_controller_extender_profile:
      allowaccess: "ping"
      bandwidth_limit: "1024"
      cellular:
        controller_report:
          interval: "300"
          signal_threshold: "10"
          status: "disable"
        dataplan:
          -
            name: "default_name_11 (source extender-controller.dataplan.name)"
      modem1:
        auto_switch:
          dataplan: "disable"
          disconnect: "disable"
          disconnect_period: "600"
          disconnect_threshold: "3"
          signal: "disable"
          switch_back: "time"
          switch_back_time: "<your_own_value>"
          switch_back_timer: "86400"
        conn_status: "0"
        default_sim: "sim1"
        gps: "disable"
        preferred_carrier: "<your_own_value>"
        redundant_intf: "<your_own_value>"
        redundant_mode: "disable"
        sim1_pin: "disable"
        sim1_pin_code: "<your_own_value>"
        sim2_pin: "disable"
        sim2_pin_code: "<your_own_value>"
      modem2:
        auto_switch:
          dataplan: "disable"
          disconnect: "disable"
          disconnect_period: "600"
          disconnect_threshold: "3"
```

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```

        signal: "disable"
        switch_back: "time"
        switch_back_time: "<your_own_value>"
        switch_back_timer: "86400"
    conn_status: "0"
    default_sim: "sim1"
    gps: "disable"
    preferred_carrier: "<your_own_value>"
    redundant_intf: "<your_own_value>"
    redundant_mode: "disable"
    sim1_pin: "disable"
    sim1_pin_code: "<your_own_value>"
    sim2_pin: "disable"
    sim2_pin_code: "<your_own_value>"
    sms_notification:
        alert:
            data_exhausted: "<your_own_value>"
            fgt_backup_mode_switch: "<your_own_value>"
            low_signal_strength: "<your_own_value>"
            mode_switch: "<your_own_value>"
            os_image_fallback: "<your_own_value>"
            session_disconnect: "<your_own_value>"
            system_reboot: "<your_own_value>"
        receiver:
            -
                alert: "system-reboot"
                name: "default_name_63"
                phone_number: "<your_own_value>"
                status: "disable"
            status: "disable"
    enforce_bandwidth: "enable"
    extension: "wan-extension"
    id: "69"
    lan_extension:
        backhaul:
            -
                name: "default_name_72"
                port: "wan"
                role: "primary"
                weight: "1"
            backhaul_interface: "<your_own_value> (source system.interface.name)"
            backhaul_ip: "<your_own_value>"
            ipsec_tunnel: "<your_own_value>"
            link_loadbalance: "activebackup"
        login_password: "<your_own_value>"
        login_password_change: "yes"
    model: "FX201E"
    name: "default_name_83"

```

### 6.55.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.55.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.55.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.56 fortios\_extender\_extender\_info – Display FortiExtender struct information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.56.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender feature and extender\_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.56.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.56.3 Tips

Using member operation to add an element to an existing object.

## 6.56.4 FortiOS Version Compatibility

## 6.56.5 Parameters

## 6.56.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.56.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display FortiExtender struct information.
  fortios_extender_extender_info:
    vdom: "{{ vdom }}"
    extender_extender_info:
      sn: "<your_own_value> (source extender-controller.extender.id)"
```

## 6.56.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.56.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.56.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.57 fortios\_extender\_lte\_carrier\_by\_mcc\_mnc – Display FortiExtender modem carrier based on MCC and MNC in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.57.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender feature and lte\_carrier\_by\_mcc\_mnc category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.57.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.57.3 Tips

Using member operation to add an element to an existing object.

### 6.57.4 FortiOS Version Compatibility

### 6.57.5 Parameters

### 6.57.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.57.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Display FortiExtender modem carrier based on MCC and MNC.
      fortios_extender_lte_carrier_by_mcc_mnc:
        vdom: "{{ vdom }}"
        extender_lte_carrier_by_mcc_mnc:
          sn: "<your_own_value> (source extender-controller.extender.id) "
```

### 6.57.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.57.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.57.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.58 fortios\_extender\_lte\_carrier\_list – Display FortiExtender modem carrier list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.58.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender feature and lte\_carrier\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.58.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.58.3 Tips

Using member operation to add an element to an existing object.

## 6.58.4 FortiOS Version Compatibility

## 6.58.5 Parameters

## 6.58.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.58.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display FortiExtender modem carrier list.
  fortios_extender_lte_carrier_list:
    vdom: "{{ vdom }}"
    extender_lte_carrier_list:
      sn: "<your_own_value> (source extender-controller.extender.id) "
```

## 6.58.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.58.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.58.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.59 fortios\_extender\_modem\_status – Display detailed FortiExtender modem status in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.59.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender feature and modem\_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.59.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.59.3 Tips

Using member operation to add an element to an existing object.

### 6.59.4 FortiOS Version Compatibility

### 6.59.5 Parameters

### 6.59.6 Notes



**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.59.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display detailed FortiExtender modem status.
  fortios_extender_modem_status:
    vdom: "{{ vdom }}"
    extender_modem_status:
      sn: "<your_own_value> (source extender-controller.extender.id)"
```

## 6.59.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.59.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.59.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

## 6.60 fortios\_extender\_sys\_info – Display detailed FortiExtender system information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.60.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extender feature and sys\_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.60.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.60.3 Tips

Using member operation to add an element to an existing object.

### 6.60.4 FortiOS Version Compatibility

### 6.60.5 Parameters

### 6.60.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.60.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Display detailed FortiExtender system information.
      fortios_extender_sys_info:
        vdom: "{{ vdom }}"
        extender_sys_info:
          sn: "<your_own_value> (source extender-controller.extender.id) "
```

## 6.60.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.60.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.60.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.61 fortios\_extension\_controller\_dataplan – FortiExtender dataplan configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.61.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extension\_controller feature and dataplan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.61.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.61.3 Tips

Using member operation to add an element to an existing object.

### 6.61.4 FortiOS Version Compatibility

### 6.61.5 Parameters

### 6.61.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.61.7 Examples

```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FortiExtender dataplan configuration.
  fortios_extension_controller_dataplan:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extension_controller_dataplan:
      apn: "<your_own_value>"
      auth_type: "none"
      billing_date: "1"
      capacity: "0"
      carrier: "<your_own_value>"
      iccid: "<your_own_value>"
      modem_id: "modem1"
      monthly_fee: "0"
      name: "default_name_11"
      overage: "disable"
      password: "<your_own_value>"
      pdn: "ipv4-only"
      preferred_subnet: "0"
      private_network: "disable"
      signal_period: "3600"
      signal_threshold: "100"
      slot: "sim1"
      type: "carrier"
      username: "<your_own_value>"

```

### 6.61.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.61.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.61.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.62 fortios\_extension\_controller\_extender – Extender controller configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.62.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extension\_controller feature and extender category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.62.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.62.3 Tips

Using member operation to add an element to an existing object.

## 6.62.4 FortiOS Version Compatibility

## 6.62.5 Parameters

## 6.62.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.62.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Extender controller configuration.
  fortios_extension_controller_extender:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extension_controller_extender:
      allowaccess: "ping"
      authorized: "disable"
      bandwidth_limit: "1024"
      description: "<your_own_value>"
      device_id: "1024"
      enforce_bandwidth: "enable"
      ext_name: "<your_own_value>"
      extension_type: "wan-extension"
      firmware_provision_latest: "disable"
      id: "12"
      login_password: "<your_own_value>"
      login_password_change: "yes"
      name: "default_name_15"
      override_allowaccess: "enable"
      override_enforce_bandwidth: "enable"
      override_login_password_change: "enable"
      profile: "<your_own_value> (source )"
      wan_extension:
        modem1_extension: "<your_own_value> (source )"
        modem2_extension: "<your_own_value> (source )"
```

## 6.62.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.62.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.62.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.63 fortios\_extension\_controller\_extender\_profile – FortiExtender extender profile configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.63.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extension\_controller feature and extender\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.63.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.63.3 Tips

Using member operation to add an element to an existing object.

## 6.63.4 FortiOS Version Compatibility

## 6.63.5 Parameters

## 6.63.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.63.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FortiExtender extender profile configuration.
  fortios_extension_controller_extender_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extension_controller_extender_profile:
      allowaccess: "ping"
      bandwidth_limit: "1024"
      cellular:
        controller_report:
          interval: "300"
          signal_threshold: "10"
          status: "disable"
      dataplan:
        -
          name: "default_name_11 (source )"
    modem1:
      auto_switch:
        dataplan: "disable"
```

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```

        disconnect: "disable"
        disconnect_period: "600"
        disconnect_threshold: "3"
        signal: "disable"
        switch_back: "time"
        switch_back_time: "<your_own_value>"
        switch_back_timer: "86400"
    default_sim: "sim1"
    gps: "disable"
    preferred_carrier: "<your_own_value>"
    redundant_intf: "<your_own_value>"
    redundant_mode: "disable"
    sim1_pin: "disable"
    sim1_pin_code: "<your_own_value>"
    sim2_pin: "disable"
    sim2_pin_code: "<your_own_value>"
modem2:
    auto_switch:
        dataplan: "disable"
        disconnect: "disable"
        disconnect_period: "600"
        disconnect_threshold: "3"
        signal: "disable"
        switch_back: "time"
        switch_back_time: "<your_own_value>"
        switch_back_timer: "86400"
    default_sim: "sim1"
    gps: "disable"
    preferred_carrier: "<your_own_value>"
    redundant_intf: "<your_own_value>"
    redundant_mode: "disable"
    sim1_pin: "disable"
    sim1_pin_code: "<your_own_value>"
    sim2_pin: "disable"
    sim2_pin_code: "<your_own_value>"
sms_notification:
    alert:
        data_exhausted: "<your_own_value>"
        fgt_backup_mode_switch: "<your_own_value>"
        low_signal_strength: "<your_own_value>"
        mode_switch: "<your_own_value>"
        os_image_fallback: "<your_own_value>"
        session_disconnect: "<your_own_value>"
        system_reboot: "<your_own_value>"
    receiver:
        -
            alert: "system-reboot"
            name: "default_name_61"
            phone_number: "<your_own_value>"
            status: "disable"
    status: "disable"
enforce_bandwidth: "enable"
extension: "wan-extension"
id: "67"
lan_extension:
    backhaul:
        -

```

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```

    name: "default_name_70"
    port: "wan"
    role: "primary"
    weight: "1"
    backhaul_interface: "<your_own_value> (source )"
    backhaul_ip: "<your_own_value>"
    ipsec_tunnel: "<your_own_value>"
    link_loadbalance: "activebackup"
    login_password: "<your_own_value>"
    login_password_change: "yes"
    model: "FX201E"
    name: "default_name_81"

```

### 6.63.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.63.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.63.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.64 fortios\_extension\_controller\_fortigate – FortiGate controller configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.64.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extension\_controller feature and fortigate category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.64.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.64.3 Tips

Using member operation to add an element to an existing object.

### 6.64.4 FortiOS Version Compatibility

### 6.64.5 Parameters

### 6.64.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.64.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
```

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```

ansible_httpapi_port: 443
tasks:
- name: FortiGate controller configuration.
  fortios_extension_controller_fortigate:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extension_controller_fortigate:
      authorized: "disable"
      description: "<your_own_value>"
      device_id: "1024"
      hostname: "myhostname"
      id: "7"
      name: "default_name_8"
      profile: "<your_own_value> (source )"

```

### 6.64.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.64.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.64.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.65 fortios\_extension\_controller\_fortigate\_profile – FortiGate connector profile configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.65.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify extension\_controller feature and fortigate\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.65.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.65.3 Tips

Using member operation to add an element to an existing object.

### 6.65.4 FortiOS Version Compatibility

### 6.65.5 Parameters

### 6.65.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.65.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: FortiGate connector profile configuration.
  fortios_extension_controller_fortigate_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    extension_controller_fortigate_profile:
      id: "3"
      lan_extension:
        backhaul_interface: "<your_own_value> (source )"
        backhaul_ip: "<your_own_value>"
        ipsec_tunnel: "<your_own_value>"
      name: "default_name_8"

```

### 6.65.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.65.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.65.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.66 fortios\_file\_filter\_profile – Configure file-filter profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.66.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify file\_filter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.66.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.66.3 Tips

Using member operation to add an element to an existing object.

### 6.66.4 FortiOS Version Compatibility

### 6.66.5 Parameters

### 6.66.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.66.7 Examples



```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure file-filter profiles.
  fortios_file_filter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    file_filter_profile:
      comment: "Comment."
      extended_log: "disable"
      feature_set: "flow"
      log: "disable"
      name: "default_name_7"
      replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
      rules:
        -
          action: "log-only"
          comment: "Comment."
          direction: "incoming"
          file_type:
            -
              name: "default_name_14 (source antivirus.filetype.name)"
              name: "default_name_15"
              password_protected: "yes"
              protocol: "http"
              scan_archive_contents: "disable"

```

### 6.66.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.66.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.66.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.67 fortios\_firewall\_access\_proxy – Configure IPv4 access proxy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.67.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and access\_proxy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.67.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.67.3 Tips

Using member operation to add an element to an existing object.

## 6.67.4 FortiOS Version Compatibility

## 6.67.5 Parameters

## 6.67.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.67.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 access proxy.
  fortios_firewall_access_proxy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_access_proxy:
      add_vhost_domain_to_dnsdb: "enable"
      api_gateway:
        -
          application:
            -
              name: "default_name_6"
              http_cookie_age: "60"
              http_cookie_domain: "<your_own_value>"
              http_cookie_domain_from_host: "disable"
              http_cookie_generation: "0"
              http_cookie_path: "<your_own_value>"
              http_cookie_share: "disable"
              https_cookie_secure: "disable"
              id: "14"
              ldb_method: "static"
              persistence: "none"
              realservers:
                -
                  addr_type: "ip"
                  address: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
                  domain: "<your_own_value>"
                  health_check: "disable"
                  health_check_proto: "ping"
                  holddown_interval: "enable"
```

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```

    http_host: "myhostname"
    id: "25"
    ip: "<your_own_value>"
    mappedport: "<your_own_value>"
    port: "443"
    ssh_client_cert: "<your_own_value> (source firewall.access-proxy-ssh-
↪client-cert.name)"
    ssh_host_key:
      -
        name: "default_name_31 (source firewall.ssh.host-key.name)"
    ssh_host_key_validation: "disable"
    status: "active"
    type: "tcp-forwarding"
    weight: "1"
    saml_redirect: "disable"
    saml_server: "<your_own_value> (source user.saml.name)"
    service: "http"
    ssl_algorithm: "high"
    ssl_cipher_suites:
      -
        cipher: "TLS-AES-128-GCM-SHA256"
        priority: "0"
        versions: "tls-1.0"
    ssl_dh_bits: "768"
    ssl_max_version: "tls-1.0"
    ssl_min_version: "tls-1.0"
    ssl_vpn_web_portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
    url_map: "<your_own_value>"
    url_map_type: "sub-string"
    virtual_host: "myhostname (source firewall.access-proxy-virtual-host.name)
↪"

  api_gateway6:
    -
      application:
        -
          name: "default_name_53"
        http_cookie_age: "60"
        http_cookie_domain: "<your_own_value>"
        http_cookie_domain_from_host: "disable"
        http_cookie_generation: "0"
        http_cookie_path: "<your_own_value>"
        http_cookie_share: "disable"
        https_cookie_secure: "disable"
        id: "61"
        ldb_method: "static"
        persistence: "none"
        realservers:
          -
            addr_type: "ip"
            address: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
            domain: "<your_own_value>"
            health_check: "disable"
            health_check_proto: "ping"
            holddown_interval: "enable"
            http_host: "myhostname"
            id: "72"

```

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```

        ip: "<your_own_value>"
        mappedport: "<your_own_value>"
        port: "443"
        ssh_client_cert: "<your_own_value> (source firewall.access-proxy-ssh-
↪client-cert.name)"
        ssh_host_key:
            -
                name: "default_name_78 (source firewall.ssh.host-key.name)"
                ssh_host_key_validation: "disable"
                status: "active"
                type: "tcp-forwarding"
                weight: "1"
        saml_redirect: "disable"
        saml_server: "<your_own_value> (source user.saml.name)"
        service: "http"
        ssl_algorithm: "high"
        ssl_cipher_suites:
            -
                cipher: "TLS-AES-128-GCM-SHA256"
                priority: "0"
                versions: "tls-1.0"
        ssl_dh_bits: "768"
        ssl_max_version: "tls-1.0"
        ssl_min_version: "tls-1.0"
        ssl_vpn_web_portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
        url_map: "<your_own_value>"
        url_map_type: "sub-string"
        virtual_host: "myhostname (source firewall.access-proxy-virtual-host.name)
↪"

        auth_portal: "disable"
        auth_virtual_host: "myhostname (source firewall.access-proxy-virtual-host.
↪name)"
        client_cert: "disable"
        decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↪traffic-mirror.name)"
        empty_cert_action: "accept"
        ldb_method: "static"
        log_blocked_traffic: "enable"
        name: "default_name_105"
        realservers:
            -
                id: "107"
                ip: "<your_own_value>"
                port: "0"
                status: "active"
                weight: "1"
        server_pubkey_auth: "disable"
        server_pubkey_auth_settings:
            auth_ca: "<your_own_value> (source firewall.ssh.local-ca.name)"
            cert_extension:
                -
                    critical: "no"
                    data: "<your_own_value>"
                    name: "default_name_118"
                    type: "fixed"
            permit_agent_forwarding: "enable"
            permit_port_forwarding: "enable"

```

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```
permit_pty: "enable"
permit_user_rc: "enable"
permit_x11_forwarding: "enable"
source_address: "enable"
user_agent_detect: "disable"
vip: "<your_own_value> (source firewall.vip.name) "
```

### 6.67.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.67.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.67.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.68 fortios\_firewall\_access\_proxy6 – Configure IPv6 access proxy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

### 6.68.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and access\_proxy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.68.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.68.3 Tips

Using member operation to add an element to an existing object.

### 6.68.4 FortiOS Version Compatibility

### 6.68.5 Parameters

### 6.68.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.68.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv6 access proxy.
      fortios_firewall_access_proxy6:
        vdom: "{{ vdom }}"
        state: "present"
```

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```

access_token: "<your_own_value>"
firewall_access_proxy6:
  add_vhost_domain_to_dnsdb: "enable"
  api_gateway:
    -
      application:
        -
          name: "default_name_6"
          http_cookie_age: "60"
          http_cookie_domain: "<your_own_value>"
          http_cookie_domain_from_host: "disable"
          http_cookie_generation: "0"
          http_cookie_path: "<your_own_value>"
          http_cookie_share: "disable"
          https_cookie_secure: "disable"
          id: "14"
          ldb_method: "static"
          persistence: "none"
          realservers:
            -
              addr_type: "ip"
              address: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
              domain: "<your_own_value>"
              health_check: "disable"
              health_check_proto: "ping"
              holddown_interval: "enable"
              http_host: "myhostname"
              id: "25"
              ip: "<your_own_value>"
              mappedport: "<your_own_value>"
              port: "443"
              ssh_client_cert: "<your_own_value> (source firewall.access-proxy-ssh-
↪client-cert.name) "
              ssh_host_key:
                -
                  name: "default_name_31 (source firewall.ssh.host-key.name) "
                  ssh_host_key_validation: "disable"
                  status: "active"
                  type: "tcp-forwarding"
                  weight: "1"
              saml_redirect: "disable"
              saml_server: "<your_own_value> (source user.saml.name) "
              service: "http"
              ssl_algorithm: "high"
              ssl_cipher_suites:
                -
                  cipher: "TLS-AES-128-GCM-SHA256"
                  priority: "0"
                  versions: "tls-1.0"
              ssl_dh_bits: "768"
              ssl_max_version: "tls-1.0"
              ssl_min_version: "tls-1.0"
              ssl_vpn_web_portal: "<your_own_value> (source vpn.ssl.web.portal.name) "
              url_map: "<your_own_value>"
              url_map_type: "sub-string"
              virtual_host: "myhostname (source firewall.access-proxy-virtual-host.name)
↪"

```

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```

api_gateway6:
-
  application:
    -
      name: "default_name_53"
      http_cookie_age: "60"
      http_cookie_domain: "<your_own_value>"
      http_cookie_domain_from_host: "disable"
      http_cookie_generation: "0"
      http_cookie_path: "<your_own_value>"
      http_cookie_share: "disable"
      https_cookie_secure: "disable"
      id: "61"
      ldb_method: "static"
      persistence: "none"
      realservers:
        -
          addr_type: "ip"
          address: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
          domain: "<your_own_value>"
          health_check: "disable"
          health_check_proto: "ping"
          holddown_interval: "enable"
          http_host: "myhostname"
          id: "72"
          ip: "<your_own_value>"
          mappedport: "<your_own_value>"
          port: "443"
          ssh_client_cert: "<your_own_value> (source firewall.access-proxy-ssh-
↪client-cert.name) "
          ssh_host_key:
            -
              name: "default_name_78 (source firewall.ssh.host-key.name) "
              ssh_host_key_validation: "disable"
              status: "active"
              type: "tcp-forwarding"
              weight: "1"
          saml_redirect: "disable"
          saml_server: "<your_own_value> (source user.saml.name) "
          service: "http"
          ssl_algorithm: "high"
          ssl_cipher_suites:
            -
              cipher: "TLS-AES-128-GCM-SHA256"
              priority: "0"
              versions: "tls-1.0"
          ssl_dh_bits: "768"
          ssl_max_version: "tls-1.0"
          ssl_min_version: "tls-1.0"
          ssl_vpn_web_portal: "<your_own_value> (source vpn.ssl.web.portal.name) "
          url_map: "<your_own_value>"
          url_map_type: "sub-string"
          virtual_host: "myhostname (source firewall.access-proxy-virtual-host.name)
↪"
          auth_portal: "disable"
          auth_virtual_host: "myhostname (source firewall.access-proxy-virtual-host.
↪name) "

```

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```
client_cert: "disable"
decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↩traffic-mirror.name) "
empty_cert_action: "accept"
log_blocked_traffic: "enable"
name: "default_name_104"
user_agent_detect: "disable"
vip: "<your_own_value> (source firewall.vip6.name) "
```

## 6.68.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.68.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.68.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.69 fortios\_firewall\_access\_proxy\_ssh\_client\_cert – Configure Access Proxy SSH client certificate in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.69.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and access\_proxy\_ssh\_client\_cert category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.69.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.69.3 Tips

Using member operation to add an element to an existing object.

### 6.69.4 FortiOS Version Compatibility

### 6.69.5 Parameters

### 6.69.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.69.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Access Proxy SSH client certificate.
```

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```
fortios_firewall_access_proxy_ssh_client_cert:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  firewall_access_proxy_ssh_client_cert:
    auth_ca: "<your_own_value> (source firewall.ssh.local-ca.name)"
    cert_extension:
      -
        critical: "no"
        data: "<your_own_value>"
        name: "default_name_7"
        type: "fixed"
    name: "default_name_9"
    permit_agent_forwarding: "enable"
    permit_port_forwarding: "enable"
    permit_pty: "enable"
    permit_user_rc: "enable"
    permit_x11_forwarding: "enable"
    source_address: "enable"
```

### 6.69.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.69.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.69.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.70 fortios\_firewall\_access\_proxy\_virtual\_host – Configure Access Proxy virtual hosts in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.70.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and access\_proxy\_virtual\_host category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.70.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.70.3 Tips

Using member operation to add an element to an existing object.

### 6.70.4 FortiOS Version Compatibility

### 6.70.5 Parameters

### 6.70.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.70.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Access Proxy virtual hosts.
  fortios_firewall_access_proxy_virtual_host:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_access_proxy_virtual_host:
      host: "myhostname"
      host_type: "sub-string"
      name: "default_name_5"
      replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
      ssl_certificate: "<your_own_value> (source vpn.certificate.local.name)"
```

### 6.70.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.70.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.70.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.71 fortios\_firewall\_acl – Configure IPv4 access control list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.71.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and acl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.71.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.71.3 Tips

Using member operation to add an element to an existing object.

### 6.71.4 FortiOS Version Compatibility

### 6.71.5 Parameters

### 6.71.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.71.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 access control list.
  fortios_firewall_acl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_acl:
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_5 (source firewall.address.name firewall.addrgrp.name)
↪"
          interface: "<your_own_value> (source system.zone.name system.interface.name)"
          name: "default_name_7"
          policyid: "0"
          service:
            -
              name: "default_name_10 (source firewall.service.custom.name firewall.
↪service.group.name)"
              srcaddr:
                -
                  name: "default_name_12 (source firewall.address.name firewall.addrgrp.
↪name)"
              status: "enable"
```

## 6.71.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.71.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.71.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.72 fortios\_firewall\_acl6 – Configure IPv6 access control list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.72.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and acl6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.72.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.72.3 Tips

Using member operation to add an element to an existing object.

### 6.72.4 FortiOS Version Compatibility

### 6.72.5 Parameters

### 6.72.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.72.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 access control list.
  fortios_firewall_acl6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_acl6:
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_5 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          interface: "<your_own_value> (source system.zone.name system.interface.name) "
          name: "default_name_7"
          policyid: "0"
          service:
            -
              name: "default_name_10 (source firewall.service.custom.name firewall.
↪service.group.name) "
              srcaddr:
                -
                  name: "default_name_12 (source firewall.address6.name firewall.addrgrp6.
↪name) "
              status: "enable"
```

## 6.72.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.72.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.72.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.73 fortios\_firewall\_address – Configure IPv4 addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.73.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.73.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.73.3 Tips

Using member operation to add an element to an existing object.

### 6.73.4 FortiOS Version Compatibility

### 6.73.5 Parameters

### 6.73.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.73.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 addresses.
  fortios_firewall_address:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_address:
      allow_routing: "enable"
      associated_interface: "<your_own_value> (source system.interface.name system.
↪zone.name)"
      cache_ttl: "0"
      clearpass_spt: "unknown"
      color: "0"
      comment: "Comment."
      country: "<your_own_value>"
      end_ip: "<your_own_value>"
      end_mac: "<your_own_value>"
      epq_name: "<your_own_value>"
      fabric_object: "enable"
      filter: "<your_own_value>"
      fqdn: "<your_own_value>"
      fsso_group:
        -
          name: "default_name_17 (source user.adgrp.name)"
      interface: "<your_own_value> (source system.interface.name)"
      list:
        -
```

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```

    ip: "<your_own_value>"
    net_id: "<your_own_value>"
    obj_id: "<your_own_value>"
  macaddr:
    -
      macaddr: "<your_own_value>"
      name: "default_name_25"
      node_ip_only: "enable"
      obj_id: "<your_own_value>"
      obj_tag: "<your_own_value>"
      obj_type: "ip"
      organization: "<your_own_value>"
      policy_group: "<your_own_value>"
      sdn: "aci"
      sdn_addr_type: "private"
      sdn_tag: "<your_own_value>"
      start_ip: "<your_own_value>"
      start_mac: "<your_own_value>"
      sub_type: "sdn"
      subnet: "<your_own_value>"
      subnet_name: "<your_own_value>"
      tag_detection_level: "<your_own_value>"
      tag_type: "<your_own_value>"
      tagging:
        -
          category: "<your_own_value> (source system.object-tagging.category) "
          name: "default_name_44"
          tags:
            -
              name: "default_name_46 (source system.object-tagging.tags.name) "
      tenant: "<your_own_value>"
      type: "ipmask"
      uuid: "<your_own_value>"
      visibility: "enable"
      wildcard: "<your_own_value>"
      wildcard_fqdn: "<your_own_value>"

```

### 6.73.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.73.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.73.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.74 fortios\_firewall\_address6 – Configure IPv6 firewall addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.74.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address6 category. Examples include all parameters and values need to be adjusted in datasources before usage. Tested with FOS v6.0.0

### 6.74.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.74.3 Tips

Using member operation to add an element to an existing object.

## 6.74.4 FortiOS Version Compatibility

## 6.74.5 Parameters

## 6.74.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.74.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 firewall addresses.
  fortios_firewall_address6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_address6:
      cache_ttl: "0"
      color: "0"
      comment: "Comment."
      country: "<your_own_value>"
      end_ip: "<your_own_value>"
      end_mac: "<your_own_value>"
      epg_name: "<your_own_value>"
      fabric_object: "enable"
      fqdn: "<your_own_value>"
      host: "myhostname"
      host_type: "any"
      ip6: "<your_own_value>"
      list:
        -
          ip: "<your_own_value>"
          net_id: "<your_own_value>"
          obj_id: "<your_own_value>"
      macaddr:
        -
          macaddr: "<your_own_value>"
    name: "default_name_21"
    obj_id: "<your_own_value>"
    sdn: "nsx"
    sdn_tag: "<your_own_value>"
    start_ip: "<your_own_value>"
```

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```
start_mac: "<your_own_value>"
subnet_segment:
-
  name: "default_name_28"
  type: "any"
  value: "<your_own_value>"
tagging:
-
  category: "<your_own_value> (source system.object-tagging.category) "
  name: "default_name_33"
  tags:
  -
    name: "default_name_35 (source system.object-tagging.tags.name) "
template: "<your_own_value> (source firewall.address6-template.name) "
tenant: "<your_own_value>"
type: "ipprefix"
uuid: "<your_own_value>"
visibility: "enable"
```

### 6.74.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.74.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.74.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.75 fortios\_firewall\_address6\_template – Configure IPv6 address templates in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.75.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address6\_template category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.75.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.75.3 Tips

Using member operation to add an element to an existing object.

### 6.75.4 FortiOS Version Compatibility

### 6.75.5 Parameters

### 6.75.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.75.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 address templates.
  fortios_firewall_address6_template:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_address6_template:
      fabric_object: "enable"
      ip6: "<your_own_value>"
      name: "default_name_5"
      subnet_segment:
        -
          bits: "0"
          exclusive: "enable"
          id: "9"
          name: "default_name_10"
          values:
            -
              name: "default_name_12"
              value: "<your_own_value>"
      subnet_segment_count: "0"
```

### 6.75.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.75.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.75.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.76 fortios\_firewall\_addrgrp – Configure IPv4 address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.76.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.76.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.76.3 Tips

Using member operation to add an element to an existing object.

### 6.76.4 FortiOS Version Compatibility

### 6.76.5 Parameters

### 6.76.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.76.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 address groups.
  fortios_firewall_addrgrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_addrgrp:
      allow_routing: "enable"
      category: "default"
      color: "0"
      comment: "Comment."
      exclude: "enable"
      exclude_member:
        -
          name: "default_name_9 (source firewall.address.name firewall.addrgrp.name)
↪"
        fabric_object: "enable"
        member:
          -
            name: "default_name_12 (source firewall.address.name firewall.addrgrp.
↪name)"
        name: "default_name_13"
        tagging:
          -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_16"
            tags:
              -
                name: "default_name_18 (source system.object-tagging.tags.name)"
            type: "default"
            uuid: "<your_own_value>"
            visibility: "enable"
```

## 6.76.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.76.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.76.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.77 fortios\_firewall\_addrgrp6 – Configure IPv6 address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.77.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and addrgrp6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.77.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.77.3 Tips

Using member operation to add an element to an existing object.

## 6.77.4 FortiOS Version Compatibility

## 6.77.5 Parameters

## 6.77.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.77.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 address groups.
  fortios_firewall_addrgrp6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_addrgrp6:
      color: "0"
      comment: "Comment."
      fabric_object: "enable"
      member:
        -
          name: "default_name_7 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          name: "default_name_8"
          tagging:
            -
              category: "<your_own_value> (source system.object-tagging.category) "
              name: "default_name_11"
              tags:
```

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```

-
    name: "default_name_13 (source system.object-tagging.tags.name) "
    uuid: "<your_own_value>"
    visibility: "enable"

```

### 6.77.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.77.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.77.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.78 fortios\_firewall\_auth\_portal – Configure firewall authentication portals in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.78.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and auth\_portal category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.78.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.78.3 Tips

Using member operation to add an element to an existing object.

## 6.78.4 FortiOS Version Compatibility

## 6.78.5 Parameters

## 6.78.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.78.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure firewall authentication portals.
  fortios_firewall_auth_portal:
    vdom: "{{ vdom }}"
    firewall_auth_portal:
      groups:
        -
```

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```

        name: "default_name_4 (source user.group.name) "
        identity_based_route: "<your_own_value> (source firewall.identity-based-route.
↪name) "
        portal_addr: "<your_own_value>"
        portal_addr6: "<your_own_value>"

```

### 6.78.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.78.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.78.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.79 fortios\_firewall\_carrier\_endpoint\_bwl – Carrier end point black/white list tables in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.79.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and carrier\_endpoint\_bwl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.79.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.79.3 Tips

Using member operation to add an element to an existing object.

## 6.79.4 FortiOS Version Compatibility

## 6.79.5 Parameters

## 6.79.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.79.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Carrier end point black/white list tables.
  fortios_firewall_carrier_endpoint_bwl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_carrier_endpoint_bwl:
```

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```

comment: "Optional comments."
entries:
  -
    action: "block"
    carrier_endpoint: "<your_own_value>"
    log_action: "archive"
    pattern_type: "wildcard"
    status: "enable"
  id: "10"
  name: "default_name_11"

```

## 6.79.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.79.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.79.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.80 fortios\_firewall\_central\_snat\_map – Configure IPv4 and IPv6 central SNAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.80.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and central\_snat\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.80.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.80.3 Tips

Using member operation to add an element to an existing object.

## 6.80.4 FortiOS Version Compatibility

## 6.80.5 Parameters

## 6.80.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
  - Adjust object order by moving self after(before) another.
  - Only one of [after, before] must be specified when action is moving an object.
- 

## 6.80.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 and IPv6 central SNAT policies.
  fortios_firewall_central_snat_map:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_central_snat_map:
      comments: "<your_own_value>"
      dst_addr:
        -
          name: "default_name_5 (source firewall.address.name firewall.addrgrp.name)
↪"
      dst_addr6:
        -
          name: "default_name_7 (source firewall.address6.name firewall.addrgrp6.
↪name) "
      dstintf:
        -
          name: "default_name_9 (source system.interface.name system.zone.name) "
      nat: "disable"
      nat_ippool:
        -
          name: "default_name_12 (source firewall.ippool.name) "
      nat_ippool6:
        -
          name: "default_name_14 (source firewall.ippool6.name) "
      nat_port: "<your_own_value>"
      nat46: "enable"
      nat64: "enable"
      orig_addr:
        -
          name: "default_name_19 (source firewall.address.name firewall.addrgrp.
↪name) "
      orig_addr6:
        -
          name: "default_name_21 (source firewall.address6.name firewall.addrgrp6.
↪name) "
      orig_port: "<your_own_value>"
      policyid: "0"
      protocol: "0"
      srcintf:
        -
          name: "default_name_26 (source system.interface.name system.zone.name) "
      status: "enable"
      type: "ipv4"
      uuid: "<your_own_value>"

- name: move firewall.central_snat_map
  fortios_firewall_central_snat_map:
    vdom: "root"
    action: "move"
    self: "<mkey of self identifier>"
    after: "<mkey of target identifier>"
    #before: "<mkey of target identifier>"

```

## 6.80.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.80.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.80.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.81 fortios\_firewall\_city – Define city table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.81.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and city category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.81.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.81.3 Tips

Using member operation to add an element to an existing object.

### 6.81.4 FortiOS Version Compatibility

### 6.81.5 Parameters

### 6.81.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.81.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define city table.
  fortios_firewall_city:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_city:
      id: "3"
      name: "default_name_4"
```

### 6.81.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.81.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.81.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.82 fortios\_firewall\_consolidated\_policy – Configure consolidated IPv4/IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 6.82.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_consolidated feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.82.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.82.3 Tips

Using member operation to add an element to an existing object.

### 6.82.4 FortiOS Version Compatibility

### 6.82.5 Parameters

### 6.82.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.82.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure consolidated IPv4/IPv6 policies.
  fortios_firewall_consolidated_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_consolidated_policy:
      action: "accept"
      application_list: "<your_own_value> (source application.list.name)"
      auto_asic_offload: "enable"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
      captive_portal_exempt: "enable"
      cifs_profile: "<your_own_value> (source cifs.profile.name)"
```

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```

    comments: "<your_own_value>"
    diffserv_forward: "enable"
    diffserv_reverse: "enable"
    diffservcode_forward: "<your_own_value>"
    diffservcode_rev: "<your_own_value>"
    dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
    dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
    dstaddr_negate: "enable"
    dstaddr4:
    -
      name: "default_name_18 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
    dstaddr6:
    -
      name: "default_name_20 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
      .name)"
    dstintf:
    -
      name: "default_name_22 (source system.interface.name system.zone.name)"
    emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
    fixedport: "enable"
    fsso_groups:
    -
      name: "default_name_26 (source user.adgrp.name)"
    global_label: "<your_own_value>"
    groups:
    -
      name: "default_name_29 (source user.group.name)"
    http_policy_redirect: "enable"
    icap_profile: "<your_own_value> (source icap.profile.name)"
    inbound: "enable"
    inspection_mode: "proxy"
    internet_service: "enable"
    internet_service_custom:
    -
      name: "default_name_36 (source firewall.internet-service-custom.name)"
    internet_service_custom_group:
    -
      name: "default_name_38 (source firewall.internet-service-custom-group.
↪name)"
    internet_service_group:
    -
      name: "default_name_40 (source firewall.internet-service-group.name)"
    internet_service_id:
    -
      id: "42 (source firewall.internet-service.id)"
    internet_service_negate: "enable"
    internet_service_src: "enable"
    internet_service_src_custom:
    -
      name: "default_name_46 (source firewall.internet-service-custom.name)"
    internet_service_src_custom_group:
    -
      name: "default_name_48 (source firewall.internet-service-custom-group.
↪name)"
    internet_service_src_group:

```

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```

-
    name: "default_name_50 (source firewall.internet-service-group.name)"
internet_service_src_id:
-
    id: "52 (source firewall.internet-service.id)"
internet_service_src_negate: "enable"
ippool: "enable"
ips_sensor: "<your_own_value> (source ips.sensor.name)"
logtraffic: "all"
logtraffic_start: "enable"
mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
name: "default_name_59"
nat: "enable"
outbound: "enable"
per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
policyid: "2147483647"
poolname4:
-
    name: "default_name_65 (source firewall.ippool.name)"
poolname6:
-
    name: "default_name_67 (source firewall.ippool6.name)"
profile_group: "<your_own_value> (source firewall.profile-group.name)"
profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
profile_type: "single"
schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
service:
-
    name: "default_name_73 (source firewall.service.custom.name firewall.
↪service.group.name)"
    service_negate: "enable"
    session_ttl: "1382400"
    srcaddr_negate: "enable"
    srcaddr4:
-
    name: "default_name_78 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
    srcaddr6:
-
    name: "default_name_80 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
    srcintf:
-
    name: "default_name_82 (source system.interface.name system.zone.name)"
    ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
    ssh_policy_redirect: "enable"
    ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
    status: "enable"
    tcp_mss_receiver: "32767"
    tcp_mss_sender: "32767"
    traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
    traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
    users:

```

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```
-
    name: "default_name_92 (source user.local.name) "
    utm_status: "enable"
    uuid: "<your_own_value>"
    voip_profile: "<your_own_value> (source voip.profile.name) "
    vpngroup: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪manualkey.name) "
    waf_profile: "<your_own_value> (source waf.profile.name) "
    wanopt: "enable"
    wanopt_detection: "active"
    wanopt_passive_opt: "default"
    wanopt_peer: "<your_own_value> (source wanopt.peer.peer-host-id) "
    wanopt_profile: "<your_own_value> (source wanopt.profile.name) "
    webcache: "enable"
    webcache_https: "disable"
    webfilter_profile: "<your_own_value> (source webfilter.profile.name) "
    webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪name web-proxy.forward-server-group.name) "
    webproxy_profile: "<your_own_value> (source web-proxy.profile.name) "
```

### 6.82.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.82.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.82.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.83 fortios\_firewall\_country – Define country table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.83.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and country category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.83.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.83.3 Tips

Using member operation to add an element to an existing object.

### 6.83.4 FortiOS Version Compatibility

### 6.83.5 Parameters

### 6.83.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.83.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define country table.
  fortios_firewall_country:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_country:
      id: "3"
      name: "default_name_4"
      region:
        -
          id: "6"
```

### 6.83.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.83.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.83.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.84 fortios\_firewall\_decrypted\_traffic\_mirror – Configure decrypted traffic mirror in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.84.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and decrypted\_traffic\_mirror category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.84.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.84.3 Tips

Using member operation to add an element to an existing object.

### 6.84.4 FortiOS Version Compatibility

### 6.84.5 Parameters

### 6.84.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.84.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure decrypted traffic mirror.
  fortios_firewall_decrypted_traffic_mirror:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_decrypted_traffic_mirror:
      dstmac: "<your_own_value>"
      interface:
        -
          name: "default_name_5 (source system.interface.name)"
          name: "default_name_6"
          traffic_source: "client"
          traffic_type: "ssl"
```

### 6.84.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.84.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.84.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.85 fortios\_firewall\_dnstranslation – Configure DNS translation in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.85.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dnstranslation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.85.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.85.3 Tips

Using member operation to add an element to an existing object.

### 6.85.4 FortiOS Version Compatibility

### 6.85.5 Parameters

### 6.85.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.85.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure DNS translation.
      fortios_firewall_dnstranslation:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_dnstranslation:
          dst: "<your_own_value>"
          id: "4"
          netmask: "<your_own_value>"
          src: "<your_own_value>"
```

## 6.85.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.85.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.85.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.86 fortios\_firewall\_dos\_policy – Configure IPv4 DoS policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.86.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dos\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.86.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.86.3 Tips

Using member operation to add an element to an existing object.

### 6.86.4 FortiOS Version Compatibility

### 6.86.5 Parameters

### 6.86.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.86.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 DoS policies.
  fortios_firewall_dos_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_dos_policy:
      anomaly:
        -
          action: "pass"
          log: "enable"
          name: "default_name_6"
          quarantine: "none"
          quarantine_expiry: "<your_own_value>"
          quarantine_log: "disable"
          status: "disable"
          threshold: "0"
          threshold_default: "0"
        comments: "<your_own_value>"
        dstaddr:
          -
            name: "default_name_15 (source firewall.address.name firewall.addrgrp.
↪name) "
            interface: "<your_own_value> (source system.zone.name system.interface.name) "
            name: "default_name_17"
            policyid: "0"
            service:
              -
                name: "default_name_20 (source firewall.service.custom.name firewall.
↪service.group.name) "
                srcaddr:
                  -
                    name: "default_name_22 (source firewall.address.name firewall.addrgrp.
↪name) "
                    status: "enable"
```

## 6.86.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.86.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.86.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.87 fortios\_firewall\_dos\_policy6 – Configure IPv6 DoS policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.87.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dos\_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.87.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.87.3 Tips

Using member operation to add an element to an existing object.

### 6.87.4 FortiOS Version Compatibility

### 6.87.5 Parameters

### 6.87.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.87.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 DoS policies.
  fortios_firewall_dos_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_dos_policy6:
      anomaly:
        -
          action: "pass"
          log: "enable"
          name: "default_name_6"
          quarantine: "none"
          quarantine_expiry: "<your_own_value>"
          quarantine_log: "disable"
          status: "disable"
          threshold: "0"
          threshold_default: "0"
        comments: "<your_own_value>"
        dstaddr:
          -
            name: "default_name_15 (source firewall.address6.name firewall.addrgrp6.
↪name) "
            interface: "<your_own_value> (source system.zone.name system.interface.name) "
            name: "default_name_17"
            policyid: "0"
            service:
```

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```

-
  name: "default_name_20 (source firewall.service.custom.name firewall.
↪service.group.name) "
  srcaddr:
-
  name: "default_name_22 (source firewall.address6.name firewall.addrgrp6.
↪name) "
  status: "enable"

```

### 6.87.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.87.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.87.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.88 fortios\_firewall\_global – Global firewall settings in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.88.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify fire-wall feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.88.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.88.3 Tips

Using member operation to add an element to an existing object.

## 6.88.4 FortiOS Version Compatibility

## 6.88.5 Parameters

## 6.88.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.88.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global firewall settings.
  fortios_firewall_global:
    vdom: "{{ vdom }}"
```

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```
firewall_global:
  banned_ip_persistence: "disabled"
```

### 6.88.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.88.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.88.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.89 fortios\_firewall\_gtp – Configure GTP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.89.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and gtp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.89.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.89.3 Tips

Using member operation to add an element to an existing object.

## 6.89.4 FortiOS Version Compatibility

## 6.89.5 Parameters

## 6.89.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.89.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure GTP.
  fortios_firewall_gtp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_gtp:
      addr_notify: "<your_own_value>"
    apn:
```

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```

-
    action: "allow"
    apnmember:
    -
        name: "default_name_7 (source gtp.apn.name gtp.apngrp.name)"
        id: "8"
        selection_mode: "ms"
        apn_filter: "enable"
        authorized_ggsns: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
        authorized_ggsns6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
        authorized_sgsns: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
        authorized_sgsns6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
        comment: "Comment."
        context_id: "696"
        control_plane_message_rate_limit: "0"
        default_apn_action: "allow"
        default_imsi_action: "allow"
        default_ip_action: "allow"
        default_noip_action: "allow"
        default_policy_action: "allow"
        denied_log: "enable"
        echo_request_interval: "0"
        extension_log: "enable"
        forwarded_log: "enable"
        global_tunnel_limit: "<your_own_value> (source gtp.tunnel-limit.name)"
        gtp_in_gtp: "allow"
        gtpu_denied_log: "enable"
        gtpu_forwarded_log: "enable"
        gtpu_log_freq: "0"
        half_close_timeout: "10"
        half_open_timeout: "300"
        handover_group: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
        handover_group6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
        ie_allow_list_v0v1: "<your_own_value> (source gtp.ie-allow-list.name)"
        ie_allow_list_v2: "<your_own_value> (source gtp.ie-allow-list.name)"
        ie_remove_policy:
        -
            id: "39"
            remove_ies: "apn-restriction"
            sgsn_addr: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
            sgsn_addr6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
            ie_remover: "enable"
            ie_validation:
                apn_restriction: "enable"
                charging_gateway_addr: "enable"
                charging_ID: "enable"
                end_user_addr: "enable"
                gsn_addr: "enable"
                imei: "enable"

```

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```

    imsi: "enable"
    mm_context: "enable"
    ms_tzone: "enable"
    ms_validated: "enable"
    msisdn: "enable"
    nsapi: "enable"
    pdp_context: "enable"
    qos_profile: "enable"
    rai: "enable"
    rat_type: "enable"
    reordering_required: "enable"
    selection_mode: "enable"
    uli: "enable"
ie_white_list_v0v1: "<your_own_value> (source gtp.ie-white-list.name)"
ie_white_list_v2: "<your_own_value> (source gtp.ie-white-list.name)"
imsi:
-
    action: "allow"
    apnmember:
    -
        name: "default_name_69 (source gtp.apn.name gtp.apngrp.name)"
        id: "70"
        mcc_mnc: "<your_own_value>"
        msisdn_prefix: "<your_own_value>"
        selection_mode: "ms"
    imsi_filter: "enable"
    interface_notify: "<your_own_value> (source system.interface.name)"
    invalid_reserved_field: "allow"
    invalid_sgnsns_to_log: "<your_own_value> (source firewall.address.name_
↪firewall.addrgrp.name)"
    invalid_sgnsns6_to_log: "<your_own_value> (source firewall.address6.name_
↪firewall.addrgrp6.name)"
    ip_filter: "enable"
    ip_policy:
    -
        action: "allow"
        dstaddr: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
        dstaddr6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
        id: "84"
        srcaddr: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
        srcaddr6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name)"
        log_freq: "0"
        log_gtpu_limit: "0"
        log_imsi_prefix: "<your_own_value>"
        log_msisdn_prefix: "<your_own_value>"
        max_message_length: "1452"
        message_filter_v0v1: "<your_own_value> (source gtp.message-filter-v0v1.name)"
        message_filter_v2: "<your_own_value> (source gtp.message-filter-v2.name)"
        message_rate_limit:
            create_aa_pdp_request: "0"
            create_aa_pdp_response: "0"
            create_mbms_request: "0"
            create_mbms_response: "0"

```

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```

create_pdp_request: "0"
create_pdp_response: "0"
delete_aa_pdp_request: "0"
delete_aa_pdp_response: "0"
delete_mbms_request: "0"
delete_mbms_response: "0"
delete_pdp_request: "0"
delete_pdp_response: "0"
echo_reponse: "0"
echo_request: "0"
error_indication: "0"
failure_report_request: "0"
failure_report_response: "0"
fwd_reloc_complete_ack: "0"
fwd_relocation_complete: "0"
fwd_relocation_request: "0"
fwd_relocation_response: "0"
fwd_srns_context: "0"
fwd_srns_context_ack: "0"
g_pdu: "0"
identification_request: "0"
identification_response: "0"
mbms_de_reg_request: "0"
mbms_de_reg_response: "0"
mbms_notify_rej_request: "0"
mbms_notify_rej_response: "0"
mbms_notify_request: "0"
mbms_notify_response: "0"
mbms_reg_request: "0"
mbms_reg_response: "0"
mbms_ses_start_request: "0"
mbms_ses_start_response: "0"
mbms_ses_stop_request: "0"
mbms_ses_stop_response: "0"
note_ms_request: "0"
note_ms_response: "0"
pdu_notify_rej_request: "0"
pdu_notify_rej_response: "0"
pdu_notify_request: "0"
pdu_notify_response: "0"
ran_info: "0"
relocation_cancel_request: "0"
relocation_cancel_response: "0"
send_route_request: "0"
send_route_response: "0"
sgsn_context_ack: "0"
sgsn_context_request: "0"
sgsn_context_response: "0"
support_ext_hdr_notify: "0"
update_mbms_request: "0"
update_mbms_response: "0"
update_pdp_request: "0"
update_pdp_response: "0"
version_not_support: "0"
message_rate_limit_v0:
  create_pdp_request: "0"
  delete_pdp_request: "0"

```

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```

        echo_request: "0"
    message_rate_limit_v1:
        create_pdp_request: "0"
        delete_pdp_request: "0"
        echo_request: "0"
    message_rate_limit_v2:
        create_session_request: "0"
        delete_session_request: "0"
        echo_request: "0"
    min_message_length: "0"
    miss_must_ie: "allow"
    monitor_mode: "enable"
    name: "default_name_168"
    noip_filter: "enable"
    noip_policy:
    -
        action: "allow"
        end: "0"
        id: "173"
        start: "0"
        type: "etsi"
    out_of_state_ie: "allow"
    out_of_state_message: "allow"
    per_apn_shaper:
    -
        apn: "<your_own_value> (source gtp.apn.name)"
        id: "180"
        rate_limit: "0"
        version: "1"
    policy:
    -
        action: "allow"
        apn_sel_mode: "ms"
        apnmember:
        -
            name: "default_name_187 (source gtp.apn.name gtp.apngrp.name)"
            id: "188"
            imei: "<your_own_value>"
            imsi: "<your_own_value>"
            imsi_prefix: "<your_own_value>"
            max_apn_restriction: "all"
            messages: "create-req"
            msisdn: "<your_own_value>"
            msisdn_prefix: "<your_own_value>"
            rai: "<your_own_value>"
            rat_type: "any"
            uli: "<your_own_value>"
        policy_filter: "enable"
    policy_v2:
    -
        action: "allow"
        apn_sel_mode: "ms"
        apnmember:
        -
            name: "default_name_204 (source gtp.apn.name gtp.apngrp.name)"
            id: "205"
            imsi_prefix: "<your_own_value>"

```

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```

    max_apn_restriction: "all"
    mei: "<your_own_value>"
    messages: "create-ses-req"
    msisdn_prefix: "<your_own_value>"
    rat_type: "any"
    uli: "<your_own_value>"
    port_notify: "21123"
    rat_timeout_profile: "<your_own_value> (source gtp.rat-timeout-profile.name)"
    rate_limit_mode: "per-profile"
    rate_limited_log: "enable"
    rate_sampling_interval: "1"
    remove_if_echo_expires: "enable"
    remove_if_recovery_differ: "enable"
    reserved_ie: "allow"
    send_delete_when_timeout: "enable"
    send_delete_when_timeout_v2: "enable"
    spoof_src_addr: "allow"
    state_invalid_log: "enable"
    sub_second_interval: "0.5"
    sub_second_sampling: "enable"
    traffic_count_log: "enable"
    tunnel_limit: "0"
    tunnel_limit_log: "enable"
    tunnel_timeout: "86400"
    unknown_version_action: "allow"
    user_plane_message_rate_limit: "0"
    warning_threshold: "0"

```

### 6.89.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.89.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.89.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.90 fortios\_firewall\_identity\_based\_route – Configure identity based routing in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.90.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and identity\_based\_route category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.90.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.90.3 Tips

Using member operation to add an element to an existing object.

### 6.90.4 FortiOS Version Compatibility

### 6.90.5 Parameters

### 6.90.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.90.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure identity based routing.
  fortios_firewall_identity_based_route:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_identity_based_route:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          device: "<your_own_value> (source system.interface.name)"
          gateway: "<your_own_value>"
          groups:
            -
              name: "default_name_9 (source user.group.name)"
          id: "10"
```

## 6.90.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.90.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.90.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.91 fortios\_firewall\_interface\_policy – Configure IPv4 interface policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.91.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and interface\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.91.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.91.3 Tips

Using member operation to add an element to an existing object.

### 6.91.4 FortiOS Version Compatibility

### 6.91.5 Parameters

### 6.91.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.91.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 interface policies.
  fortios_firewall_interface_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_interface_policy:
      address_type: "ipv4"
      application_list: "<your_own_value> (source application.list.name)"
      application_list_status: "enable"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
      av_profile_status: "enable"
      comments: "<your_own_value>"
      dlp_profile: "<your_own_value> (source dlp.profile.name)"
      dlp_profile_status: "enable"
      dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
      dlp_sensor_status: "enable"
      dsri: "enable"
      dstaddr:
        -
          name: "default_name_15 (source firewall.address.name firewall.addrgrp.
↪name)"
          emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
          emailfilter_profile_status: "enable"
          interface: "<your_own_value> (source system.zone.name system.interface.name)"
          ips_sensor: "<your_own_value> (source ips.sensor.name)"
          ips_sensor_status: "enable"
          label: "<your_own_value>"
          logtraffic: "all"
          policyid: "0"
          scan_botnet_connections: "disable"
          service:
            -
              name: "default_name_26 (source firewall.service.custom.name firewall.
↪service.group.name)"
              spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
              spamfilter_profile_status: "enable"
              srcaddr:
                -
                  name: "default_name_30 (source firewall.address.name firewall.addrgrp.
↪name)"
                  status: "enable"
                  webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
                  webfilter_profile_status: "enable"
```

### 6.91.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.91.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.91.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.92 fortios\_firewall\_interface\_policy6 – Configure IPv6 interface policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.92.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and interface\_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.92.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.92.3 Tips

Using member operation to add an element to an existing object.

### 6.92.4 FortiOS Version Compatibility

### 6.92.5 Parameters

### 6.92.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.92.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 interface policies.
  fortios_firewall_interface_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_interface_policy6:
      address_type: "ipv4"
      application_list: "<your_own_value> (source application.list.name)"
      application_list_status: "enable"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
      av_profile_status: "enable"
      comments: "<your_own_value>"
```

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```

    dlp_profile: "<your_own_value> (source dlp.profile.name) "
    dlp_profile_status: "enable"
    dlp_sensor: "<your_own_value> (source dlp.sensor.name) "
    dlp_sensor_status: "enable"
    dsri: "enable"
    dstaddr6:
    -
      name: "default_name_15 (source firewall.address6.name firewall.addrgrp6.
↪name) "
    emailfilter_profile: "<your_own_value> (source emailfilter.profile.name) "
    emailfilter_profile_status: "enable"
    interface: "<your_own_value> (source system.zone.name system.interface.name) "
    ips_sensor: "<your_own_value> (source ips.sensor.name) "
    ips_sensor_status: "enable"
    label: "<your_own_value>"
    logtraffic: "all"
    policyid: "0"
    scan_botnet_connections: "disable"
    service6:
    -
      name: "default_name_26 (source firewall.service.custom.name firewall.
↪service.group.name) "
      spamfilter_profile: "<your_own_value> (source spamfilter.profile.name) "
      spamfilter_profile_status: "enable"
      srcaddr6:
      -
        name: "default_name_30 (source firewall.address6.name firewall.addrgrp6.
↪name) "
        status: "enable"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name) "
        webfilter_profile_status: "enable"

```

### 6.92.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.92.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.92.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.93 fortios\_firewall\_internet\_service – Show Internet Service application in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.93.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.93.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.93.3 Tips

Using member operation to add an element to an existing object.

### 6.93.4 FortiOS Version Compatibility

### 6.93.5 Parameters

### 6.93.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.93.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Show Internet Service application.
  fortios_firewall_internet_service:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service:
      database: "isdb"
      direction: "src"
      entry:
        -
          id: "6"
          ip_number: "32767"
          ip_range_number: "2147483647"
          port: "32767"
          protocol: "127"
      extra_ip_range_number: "0"
      icon_id: "0"
      id: "13"
      ip_number: "0"
      ip_range_number: "0"
      name: "default_name_16"
      obsolete: "0"
      offset: "2147483647"
      reputation: "2147483647"
      singularity: "0"
      sld_id: "2147483647"
```

## 6.93.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.93.9 Status

- This module is not guaranteed to have a backwards compatible interface.



### 6.93.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.94 fortios\_firewall\_internet\_service\_addition – Configure Internet Services Addition in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.94.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_addition category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.94.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.94.3 Tips

Using member operation to add an element to an existing object.

### 6.94.4 FortiOS Version Compatibility

### 6.94.5 Parameters

### 6.94.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.94.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Internet Services Addition.
      fortios_firewall_internet_service_addition:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_internet_service_addition:
          comment: "Comment."
          entry:
            -
              addr_mode: "ipv4"
              id: "6"
              port_range:
                -
                  end_port: "65535"
                  id: "9"
                  start_port: "1"
              protocol: "0"
          id: "12 (source firewall.internet-service.id)"
```

### 6.94.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.94.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.94.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.95 fortios\_firewall\_internet\_service\_append – Configure additional port mappings for Internet Services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.95.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_append category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.95.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.95.3 Tips

Using member operation to add an element to an existing object.

## 6.95.4 FortiOS Version Compatibility

## 6.95.5 Parameters

## 6.95.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.95.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure additional port mappings for Internet Services.
  fortios_firewall_internet_service_append:
    vdom: "{{ vdom }}"
    firewall_internet_service_append:
      addr_mode: "ipv4"
      append_port: "0"
      match_port: "0"
```

## 6.95.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.95.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.95.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.96 fortios\_firewall\_internet\_service\_botnet – Show Internet Service botnet in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.96.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_botnet category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.96.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.96.3 Tips

Using member operation to add an element to an existing object.

### 6.96.4 FortiOS Version Compatibility

### 6.96.5 Parameters

### 6.96.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.96.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Show Internet Service botnet.
  fortios_firewall_internet_service_botnet:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_botnet:
      id: "3"
      name: "default_name_4"
```

### 6.96.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.96.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.96.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.97 fortios\_firewall\_internet\_service\_custom – Configure custom Internet Services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.97.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.97.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.97.3 Tips

Using member operation to add an element to an existing object.

## 6.97.4 FortiOS Version Compatibility

## 6.97.5 Parameters

## 6.97.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.97.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom Internet Services.
  fortios_firewall_internet_service_custom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_custom:
      comment: "Comment."
      disable_entry:
        -
          id: "5"
          ip_range:
            -
              end_ip: "<your_own_value>"
              id: "8"
              start_ip: "<your_own_value>"
            port: "32767"
            protocol: "127"
          entry:
            -
              addr_mode: "ipv4"
              dst:
                -
                  name: "default_name_15 (source firewall.address.name firewall.addrgrp.
↪name)"
              dst6:
                -
                  name: "default_name_17 (source )"
              id: "18"
              port_range:
                -
                  end_port: "65535"
```

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```

        id: "21"
        start_port: "1"
        protocol: "0"
        master_service_id: "2147483647"
        name: "default_name_25"
        reputation: "3"

```

### 6.97.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.97.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.97.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.98 fortios\_firewall\_internet\_service\_custom\_group – Configure custom Internet Service group in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.98.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_custom\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.98.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.98.3 Tips

Using member operation to add an element to an existing object.

## 6.98.4 FortiOS Version Compatibility

## 6.98.5 Parameters

## 6.98.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.98.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom Internet Service group.
  fortios_firewall_internet_service_custom_group:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
firewall_internet_service_custom_group:
  comment: "Comment."
  member:
    -
      name: "default_name_5 (source firewall.internet-service-custom.name) "
      name: "default_name_6"

```

### 6.98.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.98.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.98.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.99 fortios\_firewall\_internet\_service\_definition – Configure Internet Service definition in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.99.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_definition category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.99.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.99.3 Tips

Using member operation to add an element to an existing object.

### 6.99.4 FortiOS Version Compatibility

### 6.99.5 Parameters

### 6.99.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.99.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Internet Service definition.
  fortios_firewall_internet_service_definition:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
firewall_internet_service_definition:
  entry:
    -
      category_id: "0"
      name: "default_name_5"
      port_range:
        -
          end_port: "65535"
          id: "8"
          start_port: "1"
      protocol: "0"
      seq_num: "6"
  id: "12"

```

### 6.99.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.99.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.99.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.100 fortios\_firewall\_internet\_service\_extension – Configure Internet Services Extension in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.100.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_extension category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.100.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.100.3 Tips

Using member operation to add an element to an existing object.

### 6.100.4 FortiOS Version Compatibility

### 6.100.5 Parameters

### 6.100.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.100.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure Internet Services Extension.
  fortios_firewall_internet_service_extension:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_extension:
      comment: "Comment."
      disable_entry:
        -
          addr_mode: "ipv4"
          id: "6"
          ip_range:
            -
              end_ip: "<your_own_value>"
              id: "9"
              start_ip: "<your_own_value>"
          ip6_range:
            -
              end_ip6: "<your_own_value>"
              id: "13"
              start_ip6: "<your_own_value>"
          port_range:
            -
              end_port: "65535"
              id: "17"
              start_port: "1"
          protocol: "0"
      entry:
        -
          addr_mode: "ipv4"
          dst:
            -
              name: "default_name_23 (source firewall.address.name firewall.addrgrp.
↪name) "
          dst6:
            -
              name: "default_name_25 (source )"
          id: "26"
          port_range:
            -
              end_port: "65535"
              id: "29"
              start_port: "1"
          protocol: "0"
      id: "32 (source firewall.internet-service.id) "

```

### 6.100.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.100.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.100.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.101 fortios\_firewall\_internet\_service\_group – Configure group of Internet Service in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.101.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.101.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.101.3 Tips

Using member operation to add an element to an existing object.

## 6.101.4 FortiOS Version Compatibility

## 6.101.5 Parameters

## 6.101.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.101.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure group of Internet Service.
  fortios_firewall_internet_service_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_group:
      comment: "Comment."
      direction: "source"
      member:
        -
          id: "6 (source firewall.internet-service.id)"
          name: "default_name_7 (source firewall.internet-service-name.name)"
          name: "default_name_8"
```

## 6.101.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.101.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.101.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.102 fortios\_firewall\_internet\_service\_ipbl\_reason – IP block list reason in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.102.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_ipbl\_reason category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.102.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.102.3 Tips

Using member operation to add an element to an existing object.

## 6.102.4 FortiOS Version Compatibility

## 6.102.5 Parameters

## 6.102.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.102.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: IP block list reason.
  fortios_firewall_internet_service_ipbl_reason:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_ipbl_reason:
      id: "3"
      name: "default_name_4"

```

## 6.102.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.102.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.102.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.103 fortios\_firewall\_internet\_service\_ipbl\_vendor – IP block list vendor in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.103.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_ipbl\_vendor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.103.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.103.3 Tips

Using member operation to add an element to an existing object.

### 6.103.4 FortiOS Version Compatibility

### 6.103.5 Parameters

### 6.103.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.103.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: IP block list vendor.
      fortios_firewall_internet_service_ipbl_vendor:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_internet_service_ipbl_vendor:
          id: "3"
          name: "default_name_4"
```

### 6.103.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.103.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.103.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.104 fortios\_firewall\_internet\_service\_list – Internet Service list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.104.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.104.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.104.3 Tips

Using member operation to add an element to an existing object.

## 6.104.4 FortiOS Version Compatibility

## 6.104.5 Parameters

## 6.104.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.104.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Internet Service list.
  fortios_firewall_internet_service_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_list:
      id: "3"
      name: "default_name_4"
```

## 6.104.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.104.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.104.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.105 fortios\_firewall\_internet\_service\_name – Define internet service names in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.105.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.105.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.105.3 Tips

Using member operation to add an element to an existing object.



## 6.105.4 FortiOS Version Compatibility

## 6.105.5 Parameters

## 6.105.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.105.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define internet service names.
  fortios_firewall_internet_service_name:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_name:
      city_id: "0"
      country_id: "0"
      internet_service_id: "0"
      name: "default_name_6"
      region_id: "0"
      type: "default"
```

## 6.105.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.105.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.105.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.106 fortios\_firewall\_internet\_service\_owner – Internet Service owner in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.106.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_owner category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.106.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.106.3 Tips

Using member operation to add an element to an existing object.

## 6.106.4 FortiOS Version Compatibility

## 6.106.5 Parameters

## 6.106.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.106.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Internet Service owner.
  fortios_firewall_internet_service_owner:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_owner:
      id: "3"
      name: "default_name_4"
```

## 6.106.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.106.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.106.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.107 fortios\_firewall\_internet\_service\_reputation – Show Internet Service reputation in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.107.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_reputation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.107.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.107.3 Tips

Using member operation to add an element to an existing object.

## 6.107.4 FortiOS Version Compatibility

## 6.107.5 Parameters

## 6.107.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.107.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Show Internet Service reputation.
  fortios_firewall_internet_service_reputation:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_reputation:
      description: "<your_own_value>"
      id: "4"
```

## 6.107.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.107.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.107.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.108 fortios\_firewall\_internet\_service\_sld – Internet Service Second Level Domain in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.108.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet\_service\_sld category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.108.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.108.3 Tips

Using member operation to add an element to an existing object.

## 6.108.4 FortiOS Version Compatibility

## 6.108.5 Parameters

## 6.108.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.108.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Internet Service Second Level Domain.
  fortios_firewall_internet_service_sld:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_internet_service_sld:
      id: "3"
      name: "default_name_4"
```

## 6.108.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.108.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.108.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.109 fortios\_firewall\_ip\_translation – Configure firewall IP-translation in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.109.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ip\_translation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.109.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.109.3 Tips

Using member operation to add an element to an existing object.



## 6.109.4 FortiOS Version Compatibility

## 6.109.5 Parameters

## 6.109.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.109.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure firewall IP-translation.
  fortios_firewall_ip_translation:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ip_translation:
      endip: "<your_own_value>"
      map_startip: "<your_own_value>"
      startip: "<your_own_value>"
      transid: "0"
      type: "SCTP"
```

## 6.109.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.109.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.109.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.110 fortios\_firewall\_ipmacbinding\_setting – Configure IP to MAC binding settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.110.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ipmacbinding feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.110.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.110.3 Tips

Using member operation to add an element to an existing object.

## 6.110.4 FortiOS Version Compatibility

## 6.110.5 Parameters

## 6.110.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.110.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IP to MAC binding settings.
  fortios_firewall_ipmacbinding_setting:
    vdom: "{{ vdom }}"
    firewall_ipmacbinding_setting:
      bindthroughfw: "enable"
      bindtofw: "enable"
      undefinedhost: "allow"
```

## 6.110.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.110.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.110.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.111 fortios\_firewall\_ipmacbinding\_table – Configure IP to MAC address pairs in the IP/MAC binding table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.111.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ipmacbinding feature and table category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.111.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.111.3 Tips

Using member operation to add an element to an existing object.

## 6.111.4 FortiOS Version Compatibility

## 6.111.5 Parameters

## 6.111.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.111.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IP to MAC address pairs in the IP/MAC binding table.
  fortios_firewall_ipmacbinding_table:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ipmacbinding_table:
      ip: "<your_own_value>"
      mac: "<your_own_value>"
      name: "default_name_5"
      seq_num: "0"
      status: "enable"
```

## 6.111.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.111.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.111.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.112 fortios\_firewall\_ippool – Configure IPv4 IP pools in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.112.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ippool category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.112.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.112.3 Tips

Using member operation to add an element to an existing object.

## 6.112.4 FortiOS Version Compatibility

## 6.112.5 Parameters

## 6.112.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.112.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv4 IP pools.
      fortios_firewall_ippool:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_ippool:
          add_nat64_route: "disable"
          arp_intf: "<your_own_value> (source system.interface.name)"
          arp_reply: "disable"
          associated_interface: "<your_own_value> (source system.interface.name)"
          block_size: "128"
          comments: "<your_own_value>"
          endip: "<your_own_value>"
          endport: "65533"
          name: "default_name_11"
          nat64: "disable"
          num_blocks_per_user: "8"
          pba_timeout: "30"
          permit_any_host: "disable"
          port_per_user: "0"
          source_endip: "<your_own_value>"
          source_startip: "<your_own_value>"
          startip: "<your_own_value>"
          startport: "5117"
          subnet_broadcast_in_ippool: "disable"
          type: "overload"
```

## 6.112.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.112.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.112.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.113 fortios\_firewall\_ippool6 – Configure IPv6 IP pools in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.113.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ippool6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.113.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.113.3 Tips

Using member operation to add an element to an existing object.

## 6.113.4 FortiOS Version Compatibility

## 6.113.5 Parameters

## 6.113.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.113.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure IPv6 IP pools.
  fortios_firewall_ippool6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ippool6:
      add_nat46_route: "disable"
      comments: "<your_own_value>"
      endip: "<your_own_value>"
      name: "default_name_6"
      nat46: "disable"
      startip: "<your_own_value>"
```

## 6.113.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.113.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.113.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.114 fortios\_firewall\_iprope\_list – List in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.114.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_iprope feature and list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.114.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.114.3 Tips

Using member operation to add an element to an existing object.

## 6.114.4 FortiOS Version Compatibility

## 6.114.5 Parameters

## 6.114.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.114.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: List.
      fortios_firewall_iprope_list:
        vdom: "{{ vdom }}"
        firewall_iprope_list:
          group_number: "<your_own_value>"
```

## 6.114.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.114.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.114.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.115 fortios\_firewall\_ipv6\_eh\_filter – Configure IPv6 extension header filter in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.115.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ipv6\_eh\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.115.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.115.3 Tips

Using member operation to add an element to an existing object.

### 6.115.4 FortiOS Version Compatibility

### 6.115.5 Parameters

### 6.115.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.115.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv6 extension header filter.
      fortios_firewall_ipv6_eh_filter:
        vdom: "{{ vdom }}"
        firewall_ipv6_eh_filter:
          auth: "enable"
          dest_opt: "enable"
          fragment: "enable"
          hdopt_type: "<your_own_value>"
          hop_opt: "enable"
          no_next: "enable"
          routing: "enable"
          routing_type: "<your_own_value>"
```

### 6.115.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.115.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.115.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.116 fortios\_firewall\_ldb\_monitor – Configure server load balancing health monitors in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.116.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ldb\_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.116.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.116.3 Tips

Using member operation to add an element to an existing object.

### 6.116.4 FortiOS Version Compatibility

### 6.116.5 Parameters

### 6.116.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.116.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure server load balancing health monitors.
      fortios_firewall_ldb_monitor:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_ldb_monitor:
          dns_match_ip: "<your_own_value>"
          dns_protocol: "udp"
          dns_request_domain: "<your_own_value>"
          http_get: "<your_own_value>"
          http_match: "<your_own_value>"
          http_max_redirects: "0"
          interval: "10"
          name: "default_name_10"
          port: "0"
          retry: "3"
          src_ip: "<your_own_value>"
          timeout: "2"
          type: "ping"
```

### 6.116.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.116.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.116.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.117 fortios\_firewall\_local\_in\_policy – Configure user defined IPv4 local-in policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.117.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and local\_in\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.117.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.117.3 Tips

Using member operation to add an element to an existing object.

## 6.117.4 FortiOS Version Compatibility

## 6.117.5 Parameters

## 6.117.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.117.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure user defined IPv4 local-in policies.
  fortios_firewall_local_in_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_local_in_policy:
      action: "accept"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.address.name firewall.addrgrp.name)
      ↪
      dstaddr_negate: "enable"
      ha_mgmt_intf_only: "enable"
      intf: "<your_own_value> (source system.zone.name system.interface.name) "
      policyid: "0"
      schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
      ↪schedule.recurring.name firewall.schedule.group.name) "
      service:
```

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```
-
  name: "default_name_13 (source firewall.service.custom.name firewall.
↪service.group.name) "
  service_negate: "enable"
  srcaddr:
-
  name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name) "
  srcaddr_negate: "enable"
  status: "enable"
  uuid: "<your_own_value>"
```

## 6.117.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.117.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.117.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.118 fortios\_firewall\_local\_in\_policy6 – Configure user defined IPv6 local-in policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.118.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and local\_in\_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.118.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.118.3 Tips

Using member operation to add an element to an existing object.

### 6.118.4 FortiOS Version Compatibility

### 6.118.5 Parameters

### 6.118.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.118.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure user defined IPv6 local-in policies.
  fortios_firewall_local_in_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_local_in_policy6:
      action: "accept"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          dstaddr_negate: "enable"
          intf: "<your_own_value> (source system.zone.name system.interface.name) "
          policyid: "0"
          schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
          service:
            -
              name: "default_name_12 (source firewall.service.custom.name firewall.
↪service.group.name) "
              service_negate: "enable"
              srcaddr:
                -
                  name: "default_name_15 (source firewall.address6.name firewall.addrgrp6.
↪name) "
                  srcaddr_negate: "enable"
                  status: "enable"
                  uuid: "<your_own_value>"

```

## 6.118.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.118.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.118.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.119 fortios\_firewall\_mms\_profile – Configure MMS profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.119.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and mms\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.119.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.119.3 Tips

Using member operation to add an element to an existing object.

### 6.119.4 FortiOS Version Compatibility

### 6.119.5 Parameters

### 6.119.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.119.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure MMS profiles.
      fortios_firewall_mms_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_mms_profile:
          avnotificationtable: "2147483647"
          bwordtable: "2147483647"
          carrier_endpoint_prefix: "enable"
          carrier_endpoint_prefix_range_max: "24"
          carrier_endpoint_prefix_range_min: "24"
          carrier_endpoint_prefix_string: "<your_own_value>"
          carrierendpointbwltable: "2147483647"
          comment: "Comment."
          dupe:
            -
              action1: "block"
              action2: "block"
              action3: "block"
              block_time1: "17895"
              block_time2: "17895"
              block_time3: "17895"
              limit1: "1073741823"
              limit2: "1073741823"
              limit3: "1073741823"
              protocol: "<your_own_value>"
              status1: "enable"
              status2: "enable"
              status3: "enable"
              window1: "1440"
              window2: "1440"
              window3: "1440"
          extended_utm_log: "<your_own_value>"
          flood:
            -
              action1: "block"
              action2: "block"
              action3: "block"
              block_time1: "17895"
```

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```

    block_time2: "17895"
    block_time3: "17895"
    limit1: "1073741823"
    limit2: "1073741823"
    limit3: "1073741823"
    protocol: "<your_own_value>"
    status1: "enable"
    status2: "enable"
    status3: "enable"
    window1: "1440"
    window2: "1440"
    window3: "1440"
mm1: "avmonitor"
mm1_addr_hdr: "<your_own_value>"
mm1_addr_source: "http-header"
mm1_convert_hex: "enable"
mm1_outbreak_prevention: "disabled"
mm1_retr_dupe: "enable"
mm1_retrieve_scan: "enable"
mm1comfortamount: "2147483647"
mm1comfortinterval: "2147483647"
mm1oversizelimit: "409600"
mm3: "avmonitor"
mm3_outbreak_prevention: "disabled"
mm3oversizelimit: "409600"
mm4: "avmonitor"
mm4_outbreak_prevention: "disabled"
mm4oversizelimit: "409600"
mm7: "avmonitor"
mm7_addr_hdr: "<your_own_value>"
mm7_addr_source: "http-header"
mm7_convert_hex: "enable"
mm7_outbreak_prevention: "disabled"
mm7comfortamount: "2147483647"
mm7comfortinterval: "2147483647"
mm7oversizelimit: "409600"
mms_antispam_mass_log: "enable"
mms_av_block_log: "enable"
mms_av_oversize_log: "enable"
mms_av_virus_log: "enable"
mms_carrier_endpoint_filter_log: "enable"
mms_checksum_log: "enable"
mms_checksum_table: "2147483647"
mms_notification_log: "enable"
mms_web_content_log: "enable"
mmsbwordthreshold: "1073741823"
name: "default_name_80"
notif_msisdn:
-
    msisdn: "<your_own_value>"
    threshold: "flood-thresh-1"
notification:
-
    alert_int: "720"
    alert_int_mode: "hours"
    alert_src_msisdn: "<your_own_value>"
    alert_status: "enable"

```

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```

bword_int: "720"
bword_int_mode: "hours"
bword_status: "enable"
carrier_endpoint_bwl_int: "720"
carrier_endpoint_bwl_int_mode: "hours"
carrier_endpoint_bwl_status: "enable"
days_allowed: "sunday"
detect_server: "enable"
dupe_int: "720"
dupe_int_mode: "hours"
dupe_status: "enable"
file_block_int: "720"
file_block_int_mode: "hours"
file_block_status: "enable"
flood_int: "720"
flood_int_mode: "hours"
flood_status: "enable"
from_in_header: "enable"
mms_checksum_int: "720"
mms_checksum_int_mode: "hours"
mms_checksum_status: "enable"
mmhc_hostname: "myhostname"
mmhc_password: "<your_own_value>"
mmhc_port: "32767"
mmhc_url: "<your_own_value>"
mmhc_username: "<your_own_value>"
msg_protocol: "mm1"
msg_type: "submit-req"
protocol: "<your_own_value>"
rate_limit: "125"
tod_window_duration: "<your_own_value>"
tod_window_end: "<your_own_value>"
tod_window_start: "<your_own_value>"
user_domain: "<your_own_value>"
vas_id: "<your_own_value>"
vasp_id: "<your_own_value>"
virus_int: "720"
virus_int_mode: "hours"
virus_status: "enable"
outbreak_prevention:
  external_blocklist: "disable"
  ftgd_service: "disable"
remove_blocked_const_length: "enable"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"

```

## 6.119.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.119.9 Status

- This module is not guaranteed to have a backwards compatible interface.



### 6.119.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.120 fortios\_firewall\_multicast\_address – Configure multicast addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.120.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast\_address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.120.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.120.3 Tips

Using member operation to add an element to an existing object.

### 6.120.4 FortiOS Version Compatibility

### 6.120.5 Parameters

### 6.120.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.120.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure multicast addresses.
  fortios_firewall_multicast_address:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_multicast_address:
      associated_interface: "<your_own_value> (source system.interface.name)"
      color: "0"
      comment: "Comment."
      end_ip: "<your_own_value>"
      name: "default_name_7"
      start_ip: "<your_own_value>"
      subnet: "<your_own_value>"
      tagging:
        -
          category: "<your_own_value> (source system.object-tagging.category)"
          name: "default_name_12"
          tags:
            -
              name: "default_name_14 (source system.object-tagging.tags.name)"
      type: "multic astrange"
      visibility: "enable"
```

## 6.120.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.120.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.120.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.121 fortios\_firewall\_multicast\_address6 – Configure IPv6 multicast address in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.121.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast\_address6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.121.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.121.3 Tips

Using member operation to add an element to an existing object.

## 6.121.4 FortiOS Version Compatibility

## 6.121.5 Parameters

## 6.121.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.121.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 multicast address.
  fortios_firewall_multicast_address6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_multicast_address6:
      color: "0"
      comment: "Comment."
      ip6: "<your_own_value>"
      name: "default_name_6"
      tagging:
        -
```

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```

category: "<your_own_value> (source system.object-tagging.category) "
name: "default_name_9"
tags:
  -
    name: "default_name_11 (source system.object-tagging.tags.name) "
visibility: "enable"

```

### 6.121.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.121.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.121.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.122 fortios\_firewall\_multicast\_policy – Configure multicast NAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.122.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.122.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.122.3 Tips

Using member operation to add an element to an existing object.

## 6.122.4 FortiOS Version Compatibility

## 6.122.5 Parameters

## 6.122.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.122.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure multicast NAT policies.
      fortios_firewall_multicast_policy:
        vdom: "{{ vdom }}"
        state: "present"
```

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```

access_token: "<your_own_value>"
firewall_multicast_policy:
  action: "accept"
  auto_asic_offload: "enable"
  comments: "<your_own_value>"
  dn timer: "<your_own_value>"
  dstaddr:
    -
      name: "default_name_8 (source firewall.multicast-address.name)"
  dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
  end_port: "65535"
  id: "11"
  logtraffic: "enable"
  name: "default_name_13"
  protocol: "0"
  snat: "enable"
  snat_ip: "<your_own_value>"
  srcaddr:
    -
      name: "default_name_18 (source firewall.address.name firewall.addrgrp.
↪name)"
      srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
      start_port: "1"
      status: "enable"
      traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
      uuid: "<your_own_value>"

```

### 6.122.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.122.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.122.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.123 fortios\_firewall\_multicast\_policy6 – Configure IPv6 multicast NAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.123.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast\_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.123.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.123.3 Tips

Using member operation to add an element to an existing object.

### 6.123.4 FortiOS Version Compatibility

### 6.123.5 Parameters

### 6.123.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.123.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 multicast NAT policies.
  fortios_firewall_multicast_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_multicast_policy6:
      action: "accept"
      auto_asic_offload: "enable"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_7 (source firewall.multicast-address6.name)"
          dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
          end_port: "65535"
          id: "10"
          logtraffic: "enable"
          name: "default_name_12"
          protocol: "0"
          srcaddr:
            -
              name: "default_name_15 (source firewall.address6.name firewall.addrgrp6.
↪name)"
          srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
          start_port: "1"
          status: "enable"
          uuid: "<your_own_value>"
```

## 6.123.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.123.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.123.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.124 fortios\_firewall\_network\_service\_dynamic – Configure Dynamic Network Services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.124.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and network\_service\_dynamic category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.124.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.124.3 Tips

Using member operation to add an element to an existing object.

## 6.124.4 FortiOS Version Compatibility

## 6.124.5 Parameters

## 6.124.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.124.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Dynamic Network Services.
  fortios_firewall_network_service_dynamic:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_network_service_dynamic:
      comment: "Comment."
      filter: "<your_own_value>"
      name: "default_name_5"
      sdn: "<your_own_value> (source )"
```

## 6.124.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.124.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.124.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.125 fortios\_firewall\_pfcf – Configure PFCF in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.125.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and pfcf category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.125.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.125.3 Tips

Using member operation to add an element to an existing object.

## 6.125.4 FortiOS Version Compatibility

## 6.125.5 Parameters

## 6.125.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.125.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure PFCP.
  fortios_firewall_pfcf:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_pfcf:
      denied_log: "enable"
      forwarded_log: "enable"
      invalid_reserved_field: "allow"
      log_freq: "0"
      max_message_length: "1452"
      message_filter: "<your_own_value> (source pfcf.message-filter.name)"
      min_message_length: "0"
      monitor_mode: "enable"
      name: "default_name_11"
      pfcf_timeout: "86400"
      traffic_count_log: "enable"
      unknown_version: "allow"
```

## 6.125.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.125.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.125.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.126 fortios\_firewall\_policy – Configure IPv4/IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.126.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.126.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.126.3 Tips

Using member operation to add an element to an existing object.

### 6.126.4 FortiOS Version Compatibility

### 6.126.5 Parameters

### 6.126.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- Adjust object order by moving self after(before) another.
- Only one of [after, before] must be specified when action is moving an object.

### 6.126.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4/IPv6 policies.
  fortios_firewall_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_policy:
      action: "accept"
      anti_replay: "enable"
      app_category:
        -
          id: "6"
      app_group:
        -
          name: "default_name_8 (source application.group.name)"
      application:
        -
          id: "10"
      application_list: "<your_own_value> (source application.list.name)"
      auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
      auth_path: "enable"
      auth_redirect_addr: "<your_own_value>"
      auto_asic_offload: "enable"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
```

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```

    block_notification: "enable"
    captive_portal_exempt: "enable"
    capture_packet: "enable"
    cifs_profile: "<your_own_value> (source cifs.profile.name)"
    comments: "<your_own_value>"
    custom_log_fields:
    -
        field_id: "<your_own_value> (source log.custom-field.id)"
    decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↪traffic-mirror.name)"
    delay_tcp_npu_session: "enable"
    devices:
    -
        name: "default_name_27 (source user.device.alias user.device-group.name_
↪user.device-category.name)"
        diffserv_copy: "enable"
        diffserv_forward: "enable"
        diffserv_reverse: "enable"
        diffservcode_forward: "<your_own_value>"
        diffservcode_rev: "<your_own_value>"
        disclaimer: "enable"
        dlp_profile: "<your_own_value> (source dlp.profile.name)"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
        dscp_match: "enable"
        dscp_negate: "enable"
        dscp_value: "<your_own_value>"
        dsri: "enable"
        dstaddr:
        -
            name: "default_name_42 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
            dstaddr_negate: "enable"
            dstaddr6:
            -
                name: "default_name_45 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vipgrp6.name firewall.vip6.name system.external-resource
                .name)"
                dstaddr6_negate: "enable"
                dstintf:
                -
                    name: "default_name_48 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name)"
                    dynamic_shaping: "enable"
                    email_collect: "enable"
                    emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
                    fec: "enable"
                    file_filter_profile: "<your_own_value> (source file-filter.profile.name)"
                    firewall_session_dirty: "check-all"
                    fixedport: "enable"
                    fsso: "enable"
                    fsso_agent_for_ntlm: "<your_own_value> (source user.fsso.name)"
                    fsso_groups:
                    -
                        name: "default_name_59 (source user.adgrp.name)"
                    geoip_anycast: "enable"
                    geoip_match: "physical-location"

```

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```

global_label: "<your_own_value>"
groups:
-
    name: "default_name_64 (source user.group.name)"
    gtp_profile: "<your_own_value> (source firewall.gtp.name)"
    http_policy_redirect: "enable"
    icap_profile: "<your_own_value> (source icap.profile.name)"
    identity_based_route: "<your_own_value> (source firewall.identity-based-route.
↪name)"
    inbound: "enable"
    inspection_mode: "proxy"
    internet_service: "enable"
    internet_service_custom:
-
    name: "default_name_73 (source firewall.internet-service-custom.name)"
    internet_service_custom_group:
-
    name: "default_name_75 (source firewall.internet-service-custom-group.
↪name)"
    internet_service_group:
-
    name: "default_name_77 (source firewall.internet-service-group.name)"
    internet_service_id:
-
    id: "79 (source firewall.internet-service.id)"
    internet_service_name:
-
    name: "default_name_81 (source firewall.internet-service-name.name)"
    internet_service_negate: "enable"
    internet_service_src: "enable"
    internet_service_src_custom:
-
    name: "default_name_85 (source firewall.internet-service-custom.name)"
    internet_service_src_custom_group:
-
    name: "default_name_87 (source firewall.internet-service-custom-group.
↪name)"
    internet_service_src_group:
-
    name: "default_name_89 (source firewall.internet-service-group.name)"
    internet_service_src_id:
-
    id: "91 (source firewall.internet-service.id)"
    internet_service_src_name:
-
    name: "default_name_93 (source firewall.internet-service-name.name)"
    internet_service_src_negate: "enable"
    internet_service6: "enable"
    internet_service6_custom:
-
    name: "default_name_97 (source )"
    internet_service6_custom_group:
-
    name: "default_name_99 (source )"
    internet_service6_group:
-
    name: "default_name_101 (source )"

```

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```

internet_service6_name:
-
  name: "default_name_103 (source )"
internet_service6_negate: "enable"
internet_service6_src: "enable"
internet_service6_src_custom:
-
  name: "default_name_107 (source )"
internet_service6_src_custom_group:
-
  name: "default_name_109 (source )"
internet_service6_src_group:
-
  name: "default_name_111 (source )"
internet_service6_src_name:
-
  name: "default_name_113 (source )"
internet_service6_src_negate: "enable"
ippool: "enable"
ips_sensor: "<your_own_value> (source ips.sensor.name)"
label: "<your_own_value>"
learning_mode: "enable"
logtraffic: "all"
logtraffic_start: "enable"
match_vip: "enable"
match_vip_only: "enable"
mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
name: "default_name_124"
nat: "enable"
nat46: "enable"
nat64: "enable"
natinbound: "enable"
natip: "<your_own_value>"
natoutbound: "enable"
network_service_dynamic:
-
  name: "default_name_132 (source )"
network_service_src_dynamic:
-
  name: "default_name_134 (source )"
np_acceleration: "enable"
ntlm: "enable"
ntlm_enabled_browsers:
-
  user_agent_string: "<your_own_value>"
ntlm_guest: "enable"
outbound: "enable"
passive_wan_health_measurement: "enable"
per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
permit_any_host: "enable"
permit_stun_host: "enable"
pfcp_profile: "<your_own_value> (source firewall.pfcp.name)"
policy_expiry: "enable"
policy_expiry_date: "<your_own_value>"
policyid: "0"
poolname:
-

```

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```

        name: "default_name_150 (source firewall.ippool.name) "
    poolname6:
    -
        name: "default_name_152 (source firewall.ippool6.name) "
        profile_group: "<your_own_value> (source firewall.profile-group.name) "
        profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name) "
        profile_type: "single"
        radius_mac_auth_bypass: "enable"
        redirect_url: "<your_own_value>"
        replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↪name) "
        reputation_direction: "source"
        reputation_direction6: "source"
        reputation_minimum: "0"
        reputation_minimum6: "0"
        rsso: "enable"
        rtp_addr:
        -
            name: "default_name_165 (source firewall.internet-service-custom-group.
↪name firewall.addrgrp.name) "
            rtp_nat: "disable"
            scan_botnet_connections: "disable"
            schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
            schedule_timeout: "enable"
            sctp_filter_profile: "<your_own_value> (source sctp-filter.profile.name) "
            send_deny_packet: "disable"
            service:
            -
                name: "default_name_173 (source firewall.service.custom.name firewall.
↪service.group.name) "
                service_negate: "enable"
                session_ttl: "<your_own_value>"
                sgt:
                -
                    id: "177"
                    sgt_check: "enable"
                    spamfilter_profile: "<your_own_value> (source spamfilter.profile.name) "
                    src_vendor_mac:
                    -
                        id: "181 (source firewall.vendor-mac.id) "
                        srcaddr:
                        -
                            name: "default_name_183 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name) "
                            srcaddr_negate: "enable"
                            srcaddr6:
                            -
                                name: "default_name_186 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name) "
                                srcaddr6_negate: "enable"
                                srcintf:
                                -
                                    name: "default_name_189 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name) "
                                    ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name) "

```

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```

ssh_policy_redirect: "enable"
ssl_mirror: "enable"
ssl_mirror_intf:
-
    name: "default_name_194 (source system.interface.name system.zone.name)"
ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
status: "enable"
tcp_mss_receiver: "0"
tcp_mss_sender: "0"
tcp_session_without_syn: "all"
timeout_send_rst: "enable"
tos: "<your_own_value>"
tos_mask: "<your_own_value>"
tos_negate: "enable"
traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)"
↪ "
traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪ shaper.name)"
url_category:
-
    id: "207"
users:
-
    name: "default_name_209 (source user.local.name)"
utm_status: "enable"
uuid: "<your_own_value>"
videofilter_profile: "<your_own_value> (source videofilter.profile.name)"
vlan_cos_fwd: "255"
vlan_cos_rev: "255"
vlan_filter: "<your_own_value>"
voip_profile: "<your_own_value> (source voip.profile.name)"
vpntunnel: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪ manualkey.name)"
waf_profile: "<your_own_value> (source waf.profile.name)"
wanopt: "enable"
wanopt_detection: "active"
wanopt_passive_opt: "default"
wanopt_peer: "<your_own_value> (source wanopt.peer.peer-host-id)"
wanopt_profile: "<your_own_value> (source wanopt.profile.name)"
wccp: "enable"
webcache: "enable"
webcache_https: "disable"
webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪ name web-proxy.forward-server-group.name)"
webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
wsso: "enable"
ztna_ems_tag:
-
    name: "default_name_232 (source firewall.address.name firewall.addrgrp.
↪ name)"
ztna_geo_tag:
-
    name: "default_name_234 (source firewall.address.name firewall.addrgrp.
↪ name)"
ztna_status: "enable"

```

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```
- name: move firewall.policy
  fortios_firewall_policy:
    vdom: "root"
    action: "move"
    self: "<mkey of self identifier>"
    after: "<mkey of target identifier>"
    #before: "<mkey of target identifier>"
```

## 6.126.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.126.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.126.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.127 fortios\_firewall\_policy46 – Configure IPv4 to IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.127.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.127.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.127.3 Tips

Using member operation to add an element to an existing object.

### 6.127.4 FortiOS Version Compatibility

### 6.127.5 Parameters

### 6.127.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.127.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 to IPv6 policies.
  fortios_firewall_policy46:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
firewall_policy46:
  action: "accept"
  comments: "<your_own_value>"
  dstaddr:
    -
      name: "default_name_6 (source firewall.vip46.name firewall.vipgrp46.name)"
      dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
      fixedport: "enable"
      ippool: "enable"
      logtraffic: "enable"
      logtraffic_start: "enable"
      name: "default_name_12"
      per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
      permit_any_host: "enable"
      policyid: "0"
      poolname:
        -
          name: "default_name_17 (source firewall.ippool6.name)"
          schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
          service:
            -
              name: "default_name_20 (source firewall.service.custom.name firewall.
↪service.group.name)"
              srcaddr:
                -
                  name: "default_name_22 (source firewall.address.name firewall.addrgrp.
↪name)"
                  srcintf: "<your_own_value> (source system.zone.name system.interface.name)"
                  status: "enable"
                  tcp_mss_receiver: "0"
                  tcp_mss_sender: "0"
                  traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
                  traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
                  uuid: "<your_own_value>"

```

## 6.127.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.127.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.127.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.128 fortios\_firewall\_policy6 – Configure IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.128.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.128.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.128.3 Tips

Using member operation to add an element to an existing object.



## 6.128.4 FortiOS Version Compatibility

## 6.128.5 Parameters

## 6.128.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.128.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 policies.
  fortios_firewall_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_policy6:
      action: "accept"
      anti_replay: "enable"
      app_category:
        -
          id: "6"
      app_group:
        -
          name: "default_name_8 (source application.group.name)"
      application:
        -
          id: "10"
          application_list: "<your_own_value> (source application.list.name)"
          auto_asic_offload: "enable"
          av_profile: "<your_own_value> (source antivirus.profile.name)"
          cifs_profile: "<your_own_value> (source cifs.profile.name)"
          comments: "<your_own_value>"
          custom_log_fields:
            -
              field_id: "<your_own_value> (source log.custom-field.id)"
      devices:
        -
          name: "default_name_19 (source user.device.alias user.device-group.name_
↪user.device-category.name)"
          diffserv_forward: "enable"
          diffserv_reverse: "enable"
```

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```

diffservcode_forward: "<your_own_value>"
diffservcode_rev: "<your_own_value>"
dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
dscp_match: "enable"
dscp_negate: "enable"
dscp_value: "<your_own_value>"
dsri: "enable"
dstaddr:
-
  name: "default_name_31 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
    .name)"
  dstaddr_negate: "enable"
  dstintf:
-
  name: "default_name_34 (source system.interface.name system.zone.name)"
  emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
  firewall_session_dirty: "check-all"
  fixedport: "enable"
  fsso_groups:
-
  name: "default_name_39 (source user.adgrp.name)"
  global_label: "<your_own_value>"
  groups:
-
  name: "default_name_42 (source user.group.name)"
  http_policy_redirect: "enable"
  icap_profile: "<your_own_value> (source icap.profile.name)"
  inbound: "enable"
  inspection_mode: "proxy"
  ippool: "enable"
  ips_sensor: "<your_own_value> (source ips.sensor.name)"
  label: "<your_own_value>"
  logtraffic: "all"
  logtraffic_start: "enable"
  mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
  name: "default_name_53"
  nat: "enable"
  natinbound: "enable"
  natoutbound: "enable"
  np_acceleration: "enable"
  outbound: "enable"
  per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
  policyid: "2147483647"
  poolname:
-
  name: "default_name_62 (source firewall.ippool6.name)"
  profile_group: "<your_own_value> (source firewall.profile-group.name)"
  profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
  profile_type: "single"
  replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↪name)"
  rso: "enable"
  schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"

```

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```

    send_deny_packet: "enable"
    service:
    -
        name: "default_name_71 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        session_ttl: "<your_own_value>"
        spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
        srcaddr:
        -
            name: "default_name_76 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
            srcaddr_negate: "enable"
            srcintf:
            -
                name: "default_name_79 (source system.zone.name system.interface.name)"
                ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
                ssh_policy_redirect: "enable"
                ssl_mirror: "enable"
                ssl_mirror_intf:
                -
                    name: "default_name_84 (source system.zone.name system.interface.name)"
                    ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
                    status: "enable"
                    tcp_mss_receiver: "32767"
                    tcp_mss_sender: "32767"
                    tcp_session_without_syn: "all"
                    timeout_send_rst: "enable"
                    tos: "<your_own_value>"
                    tos_mask: "<your_own_value>"
                    tos_negate: "enable"
                    traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
                    traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
                    url_category:
                    -
                        id: "97"
                    users:
                    -
                        name: "default_name_99 (source user.local.name)"
                        utm_status: "enable"
                        uuid: "<your_own_value>"
                        vlan_cos_fwd: "3"
                        vlan_cos_rev: "3"
                        vlan_filter: "<your_own_value>"
                        voip_profile: "<your_own_value> (source voip.profile.name)"
                        vpngroup: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪manualkey.name)"
                        waf_profile: "<your_own_value> (source waf.profile.name)"
                        webcache: "enable"
                        webcache_https: "disable"
                        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
                        webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪name web-proxy.forward-server-group.name)"
                        webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"

```

## 6.128.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.128.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.128.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.129 fortios\_firewall\_policy64 – Configure IPv6 to IPv4 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.129.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.129.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.129.3 Tips

Using member operation to add an element to an existing object.

### 6.129.4 FortiOS Version Compatibility

### 6.129.5 Parameters

### 6.129.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.129.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 to IPv4 policies.
  fortios_firewall_policy64:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_policy64:
      action: "accept"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.address.name firewall.addrgrp.name,
↪firewall.vip64.name firewall.vipgrp64.name)"
```

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```

    dstintf: "<your_own_value> (source system.interface.name system.zone.name) "
    fixedport: "enable"
    ippool: "enable"
    logtraffic: "enable"
    logtraffic_start: "enable"
    name: "default_name_12"
    per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name) "
    permit_any_host: "enable"
    policyid: "0"
    poolname:
    -
      name: "default_name_17 (source firewall.ippool.name) "
      schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
      service:
      -
        name: "default_name_20 (source firewall.service.custom.name firewall.
↪service.group.name) "
        srcaddr:
        -
          name: "default_name_22 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          srcintf: "<your_own_value> (source system.zone.name system.interface.name) "
          status: "enable"
          tcp_mss_receiver: "0"
          tcp_mss_sender: "0"
          traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
          traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name) "
          uuid: "<your_own_value>"

```

## 6.129.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.129.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.129.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
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---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.130 fortios\_firewall\_profile\_group – Configure profile groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.130.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and profile\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.130.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.130.3 Tips

Using member operation to add an element to an existing object.

### 6.130.4 FortiOS Version Compatibility

### 6.130.5 Parameters

### 6.130.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.130.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure profile groups.
  fortios_firewall_profile_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_profile_group:
      application_list: "<your_own_value> (source application.list.name)"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
      cifs_profile: "<your_own_value> (source cifs.profile.name)"
      dlp_profile: "<your_own_value> (source dlp.profile.name)"
      dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
      dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
      emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
      file_filter_profile: "<your_own_value> (source file-filter.profile.name)"
      icap_profile: "<your_own_value> (source icap.profile.name)"
      ips_sensor: "<your_own_value> (source ips.sensor.name)"
      mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
      name: "default_name_14"
      profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
      sctp_filter_profile: "<your_own_value> (source sctp-filter.profile.name)"
      spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
      ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
      ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
      videofilter_profile: "<your_own_value> (source videofilter.profile.name)"
      voip_profile: "<your_own_value> (source voip.profile.name)"
      waf_profile: "<your_own_value> (source waf.profile.name)"
      webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
```

## 6.130.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



### 6.130.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.130.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.131 fortios\_firewall\_profile\_protocol\_options – Configure protocol options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.131.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and profile\_protocol\_options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.131.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.131.3 Tips

Using member operation to add an element to an existing object.

## 6.131.4 FortiOS Version Compatibility

## 6.131.5 Parameters

## 6.131.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.131.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure protocol options.
  fortios_firewall_profile_protocol_options:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_profile_protocol_options:
      cifs:
        domain_controller: "<your_own_value> (source user.domain-controller.name_
↪credential-store.domain-controller.server-name) "
        options: "oversize"
        oversize_limit: "10"
        ports: "<your_own_value>"
        scan_bzip2: "enable"
        server_credential_type: "none"
        server_keytab:
          -
            keytab: "<your_own_value>"
            principal: "<your_own_value>"
        status: "enable"
```

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```

    tcp_window_maximum: "8388608"
    tcp_window_minimum: "131072"
    tcp_window_size: "262144"
    tcp_window_type: "auto-tuning"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
comment: "Optional comments."
dns:
    ports: "<your_own_value>"
    status: "enable"
ftp:
    comfort_amount: "1"
    comfort_interval: "10"
    explicit_ftp_tls: "enable"
    inspect_all: "enable"
    options: "clientcomfort"
    oversize_limit: "10"
    ports: "<your_own_value>"
    scan_bzip2: "enable"
    ssl_offloaded: "no"
    status: "enable"
    stream_based_uncompressed_limit: "0"
    tcp_window_maximum: "8388608"
    tcp_window_minimum: "131072"
    tcp_window_size: "262144"
    tcp_window_type: "auto-tuning"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
http:
    address_ip_rating: "enable"
    block_page_status_code: "403"
    comfort_amount: "1"
    comfort_interval: "10"
    fortinet_bar: "enable"
    fortinet_bar_port: "32767"
    h2c: "enable"
    http_policy: "disable"
    inspect_all: "enable"
    options: "clientcomfort"
    oversize_limit: "10"
    ports: "<your_own_value>"
    post_lang: "jiso0201"
    proxy_after_tcp_handshake: "enable"
    range_block: "disable"
    retry_count: "0"
    scan_bzip2: "enable"
    ssl_offloaded: "no"
    status: "enable"
    stream_based_uncompressed_limit: "0"
    streaming_content_bypass: "enable"
    strip_x_forwarded_for: "disable"
    switching_protocols: "bypass"
    tcp_window_maximum: "8388608"
    tcp_window_minimum: "131072"
    tcp_window_size: "262144"
    tcp_window_type: "auto-tuning"
    tunnel_non_http: "enable"

```

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```

    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
    unknown_http_version: "reject"
    verify_dns_for_policy_matching: "enable"
imap:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "10"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    scan_bzip2: "enable"
    ssl_offloaded: "no"
    status: "enable"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
mail_signature:
    signature: "<your_own_value>"
    status: "disable"
mapi:
    options: "fragmail"
    oversize_limit: "10"
    ports: "<your_own_value>"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
name: "default_name_97"
nntp:
    inspect_all: "enable"
    options: "oversize"
    oversize_limit: "10"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
oversize_log: "disable"
pop3:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "10"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    scan_bzip2: "enable"
    ssl_offloaded: "no"
    status: "enable"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
rpc_over_http: "enable"
smtp:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "10"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"

```

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```

    scan_bzip2: "enable"
    server_busy: "enable"
    ssl_offloaded: "no"
    status: "enable"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
ssh:
    comfort_amount: "1"
    comfort_interval: "10"
    options: "oversize"
    oversize_limit: "10"
    scan_bzip2: "enable"
    ssl_offloaded: "no"
    stream_based_uncompressed_limit: "0"
    tcp_window_maximum: "8388608"
    tcp_window_minimum: "131072"
    tcp_window_size: "262144"
    tcp_window_type: "auto-tuning"
    uncompressed_nest_limit: "12"
    uncompressed_oversize_limit: "10"
    switching_protocols_log: "disable"

```

## 6.131.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.131.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.131.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.132 fortios\_firewall\_proute – List policy routing in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.132.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proute category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.132.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.132.3 Tips

Using member operation to add an element to an existing object.

### 6.132.4 FortiOS Version Compatibility

### 6.132.5 Parameters

### 6.132.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 6.132.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: List policy routing.
  fortios_firewall_proute:
    vdom: "{{ vdom }}"
    firewall_proute:
      policy_route_id: "<your_own_value>"
```

### 6.132.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.132.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.132.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.133 fortios\_firewall\_proxy\_address – Configure web proxy address in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.133.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.133.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.133.3 Tips

Using member operation to add an element to an existing object.

### 6.133.4 FortiOS Version Compatibility

### 6.133.5 Parameters

### 6.133.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.133.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure web proxy address.
      fortios_firewall_proxy_address:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_proxy_address:
          application:
            -
              name: "default_name_4"
              case_sensitivity: "disable"
              category:
                -
                  id: "7"
                  color: "0"
                  comment: "Optional comments."
                  header: "<your_own_value>"
                  header_group:
                    -
                      case_sensitivity: "disable"
                      header: "<your_own_value>"
                      header_name: "<your_own_value>"
                      id: "15"
                  header_name: "<your_own_value>"
                  host: "myhostname (source firewall.address.name firewall.addrgrp.name_
↪ firewall.proxy-address.name)"
                  host_regex: "myhostname"
                  method: "get"
                  name: "default_name_20"
                  path: "<your_own_value>"
                  query: "<your_own_value>"
                  referrer: "enable"
                  tagging:
                    -
                      category: "<your_own_value> (source system.object-tagging.category)"
                      name: "default_name_26"
                      tags:
                        -
                          name: "default_name_28 (source system.object-tagging.tags.name)"
                  type: "host-regex"
                  ua: "chrome"
                  uuid: "<your_own_value>"
                  visibility: "enable"

```

### 6.133.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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### 6.133.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.134 fortios\_firewall\_proxy\_addrgrp – Configure web proxy address group in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.134.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.134.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.134.3 Tips

Using member operation to add an element to an existing object.

### 6.134.4 FortiOS Version Compatibility

### 6.134.5 Parameters

### 6.134.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.134.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure web proxy address group.
  fortios_firewall_proxy_addrgrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_proxy_addrgrp:
      color: "0"
      comment: "Optional comments."
      member:
        -
          name: "default_name_6 (source firewall.proxy-address.name firewall.proxy-
↪addrgrp.name) "
```

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```
name: "default_name_7"
tagging:
  -
    category: "<your_own_value> (source system.object-tagging.category) "
    name: "default_name_10"
    tags:
      -
        name: "default_name_12 (source system.object-tagging.tags.name) "
type: "src"
uuid: "<your_own_value>"
visibility: "enable"
```

## 6.134.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.134.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.134.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.135 fortios\_firewall\_proxy\_policy – Configure proxy policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.135.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.135.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.135.3 Tips

Using member operation to add an element to an existing object.

### 6.135.4 FortiOS Version Compatibility

### 6.135.5 Parameters

### 6.135.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.135.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure proxy policies.
  fortios_firewall_proxy_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_proxy_policy:
      access_proxy:
        -
          name: "default_name_4 (source firewall.access-proxy.name)"
          access_proxy6:
            -
              name: "default_name_6 (source firewall.access-proxy6.name)"
              action: "accept"
              application_list: "<your_own_value> (source application.list.name)"
              av_profile: "<your_own_value> (source antivirus.profile.name)"
              block_notification: "enable"
              cifs_profile: "<your_own_value> (source cifs.profile.name)"
              comments: "<your_own_value>"
              decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↳ traffic-mirror.name)"
              device_ownership: "enable"
              disclaimer: "disable"
              dlp_profile: "<your_own_value> (source dlp.profile.name)"
              dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
              dstaddr:
                -
                  name: "default_name_19 (source firewall.address.name firewall.addrgrp.
↳ name firewall.proxy-address.name firewall.proxy-addrgrp.name firewall.vip
                    .name firewall.vipgrp.name system.external-resource.name)"
                  dstaddr_negate: "enable"
                  dstaddr6:
                    -
                      name: "default_name_22 (source firewall.address6.name firewall.addrgrp6.
↳ name firewall.vip6.name firewall.vipgrp6.name system.external-resource
                        .name)"
                      dstintf:
                        -
                          name: "default_name_24 (source system.interface.name system.zone.name_
↳ system.sdwan.zone.name)"
                          emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
                          file_filter_profile: "<your_own_value> (source file-filter.profile.name)"
                          global_label: "<your_own_value>"
                          groups:
                            -
                              name: "default_name_29 (source user.group.name)"
                              http_tunnel_auth: "enable"
                              icap_profile: "<your_own_value> (source icap.profile.name)"
                              internet_service: "enable"
                              internet_service_custom:
                                -
                                  name: "default_name_34 (source firewall.internet-service-custom.name)"
                                  internet_service_custom_group:
                                    -
                                      name: "default_name_36 (source firewall.internet-service-custom-group.
↳ name)"
                                      internet_service_group:

```

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```

-
  name: "default_name_38 (source firewall.internet-service-group.name)"
internet_service_id:
-
  id: "40 (source firewall.internet-service.id)"
internet_service_name:
-
  name: "default_name_42 (source firewall.internet-service-name.name)"
internet_service_negate: "enable"
ips_sensor: "<your_own_value> (source ips.sensor.name)"
label: "<your_own_value>"
logtraffic: "all"
logtraffic_start: "enable"
mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
name: "default_name_49"
policyid: "0"
poolname:
-
  name: "default_name_52 (source firewall.ippool.name)"
profile_group: "<your_own_value> (source firewall.profile-group.name)"
profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
profile_type: "single"
proxy: "explicit-web"
redirect_url: "<your_own_value>"
replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↪name)"
scan_botnet_connections: "disable"
schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
sctp_filter_profile: "<your_own_value> (source sctp-filter.profile.name)"
service:
-
  name: "default_name_63 (source firewall.service.custom.name firewall.
↪service.group.name)"
service_negate: "enable"
session_ttl: "0"
spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
srcaddr:
-
  name: "default_name_68 (source firewall.address.name firewall.addrgrp.
↪name firewall.proxy-address.name firewall.proxy-addrgrp.name system
  .external-resource.name)"
srcaddr_negate: "enable"
srcaddr6:
-
  name: "default_name_71 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
srcintf:
-
  name: "default_name_73 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name)"
ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
ssh_policy_redirect: "enable"
ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
status: "enable"
transparent: "enable"

```

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```
users:
-
  name: "default_name_80 (source user.local.name user.certificate.name)"
  utm_status: "enable"
  uuid: "<your_own_value>"
  videofilter_profile: "<your_own_value> (source videofilter.profile.name)"
  voip_profile: "<your_own_value> (source voip.profile.name)"
  waf_profile: "<your_own_value> (source waf.profile.name)"
  webcache: "enable"
  webcache_https: "disable"
  webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
  webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪name web-proxy.forward-server-group.name)"
  webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
  ztna_ems_tag:
-
  name: "default_name_92 (source firewall.address.name firewall.addrgrp.
↪name)"
  ztna_tags_match_logic: "or"
```

### 6.135.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.135.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.135.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.136 fortios\_firewall\_region – Define region table in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.136.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify fire-wall feature and region category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.136.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.136.3 Tips

Using member operation to add an element to an existing object.

### 6.136.4 FortiOS Version Compatibility

### 6.136.5 Parameters

### 6.136.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.136.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Define region table.
  fortios_firewall_region:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_region:
      city:
        -
          id: "4"
        id: "5"
      name: "default_name_6"
```

### 6.136.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.136.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.136.10 Authors

- Link Zheng (@chillancezen)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.137 fortios\_firewall\_schedule\_group – Schedule group configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.137.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_schedule feature and group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.137.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.137.3 Tips

Using member operation to add an element to an existing object.

### 6.137.4 FortiOS Version Compatibility

### 6.137.5 Parameters

### 6.137.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.137.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Schedule group configuration.
  fortios_firewall_schedule_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_schedule_group:
      color: "0"
      fabric_object: "enable"
      member:
        -
          name: "default_name_6 (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name) "
          name: "default_name_7"
```

### 6.137.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.138 fortios\_firewall\_schedule\_onetime – Onetime schedule configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.138.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_schedule feature and onetime category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.138.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.138.3 Tips

Using member operation to add an element to an existing object.

### 6.138.4 FortiOS Version Compatibility

### 6.138.5 Parameters

### 6.138.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.138.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Onetime schedule configuration.
  fortios_firewall_schedule_onetime:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_schedule_onetime:
      color: "0"
      end: "<your_own_value>"
      expiration_days: "3"
      fabric_object: "enable"
      name: "default_name_7"
      start: "<your_own_value>"
```

## 6.138.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.138.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.138.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.139 fortios\_firewall\_schedule\_recurring – Recurring schedule configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.139.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_schedule feature and recurring category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.139.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.139.3 Tips

Using member operation to add an element to an existing object.

### 6.139.4 FortiOS Version Compatibility

### 6.139.5 Parameters

### 6.139.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.139.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Recurring schedule configuration.
  fortios_firewall_schedule_recurring:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_schedule_recurring:
      color: "0"
      day: "sunday"
      end: "<your_own_value>"
      fabric_object: "enable"
      name: "default_name_7"
      start: "<your_own_value>"
```

## 6.139.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.139.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.139.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.140 fortios\_firewall\_security\_policy – Configure NGFW IPv4/IPv6 application policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.140.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and security\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.140.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.140.3 Tips

Using member operation to add an element to an existing object.

### 6.140.4 FortiOS Version Compatibility

### 6.140.5 Parameters

### 6.140.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.140.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure NGFW IPv4/IPv6 application policies.
      fortios_firewall_security_policy:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_security_policy:
          action: "accept"
          app_category:
            -
              id: "5"
          app_group:
            -
              name: "default_name_7 (source application.group.name)"
          application:
            -
              id: "9"
              application_list: "<your_own_value> (source application.list.name)"
              av_profile: "<your_own_value> (source antivirus.profile.name)"
              cifs_profile: "<your_own_value> (source cifs.profile.name)"
              comments: "<your_own_value>"
              dlp_profile: "<your_own_value> (source dlp.profile.name)"
              dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
              dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
              dstaddr:
                -
                  name: "default_name_18 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
                  dstaddr_negate: "enable"
                  dstaddr4:
                    -
                      name: "default_name_21 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name)"
                      dstaddr6:
                        -
                          name: "default_name_23 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
                          .name)"
                      dstintf:
                        -
                          name: "default_name_25 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name)"
                          emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
                          enforce_default_app_port: "enable"
                          file_filter_profile: "<your_own_value> (source file-filter.profile.name)"
                          fsso_groups:

```

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```

-
  name: "default_name_30 (source user.adgrp.name) "
global_label: "<your_own_value>"
groups:
-
  name: "default_name_33 (source user.group.name) "
icap_profile: "<your_own_value> (source icap.profile.name) "
internet_service: "enable"
internet_service_custom:
-
  name: "default_name_37 (source firewall.internet-service-custom.name) "
internet_service_custom_group:
-
  name: "default_name_39 (source firewall.internet-service-custom-group.
↪name) "
internet_service_group:
-
  name: "default_name_41 (source firewall.internet-service-group.name) "
internet_service_id:
-
  id: "43 (source firewall.internet-service.id) "
internet_service_name:
-
  name: "default_name_45 (source firewall.internet-service-name.name) "
internet_service_negate: "enable"
internet_service_src: "enable"
internet_service_src_custom:
-
  name: "default_name_49 (source firewall.internet-service-custom.name) "
internet_service_src_custom_group:
-
  name: "default_name_51 (source firewall.internet-service-custom-group.
↪name) "
internet_service_src_group:
-
  name: "default_name_53 (source firewall.internet-service-group.name) "
internet_service_src_id:
-
  id: "55 (source firewall.internet-service.id) "
internet_service_src_name:
-
  name: "default_name_57 (source firewall.internet-service-name.name) "
internet_service_src_negate: "enable"
internet_service6: "enable"
internet_service6_custom:
-
  name: "default_name_61 (source ) "
internet_service6_custom_group:
-
  name: "default_name_63 (source ) "
internet_service6_group:
-
  name: "default_name_65 (source ) "
internet_service6_name:
-
  name: "default_name_67 (source ) "
internet_service6_negate: "enable"

```

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```

internet_service6_src: "enable"
internet_service6_src_custom:
-
  name: "default_name_71 (source )"
internet_service6_src_custom_group:
-
  name: "default_name_73 (source )"
internet_service6_src_group:
-
  name: "default_name_75 (source )"
internet_service6_src_name:
-
  name: "default_name_77 (source )"
internet_service6_src_negate: "enable"
ips_sensor: "<your_own_value> (source ips.sensor.name)"
learning_mode: "enable"
logtraffic: "all"
logtraffic_start: "enable"
mms_profile: "<your_own_value> (source firewall.mms-profile.name)"
name: "default_name_84"
nat46: "enable"
nat64: "enable"
policyid: "0"
profile_group: "<your_own_value> (source firewall.profile-group.name)"
profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
profile_type: "single"
schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
sctp_filter_profile: "<your_own_value> (source sctp-filter.profile.name)"
send_deny_packet: "disable"
service:
-
  name: "default_name_95 (source firewall.service.custom.name firewall.
↪service.group.name)"
  service_negate: "enable"
  srcaddr:
-
    name: "default_name_98 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
    srcaddr_negate: "enable"
    srcaddr4:
-
    name: "default_name_101 (source firewall.address.name firewall.addrgrp.
↪name)"
    srcaddr6:
-
    name: "default_name_103 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
    srcintf:
-
    name: "default_name_105 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name)"
    ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
    ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
    status: "enable"
    url_category: "<your_own_value>"

```

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```

users:
-
    name: "default_name_111 (source user.local.name) "
    utm_status: "enable"
    uuid: "<your_own_value>"
    uuid_idx: "2147483647"
    videofilter_profile: "<your_own_value> (source videofilter.profile.name) "
    voip_profile: "<your_own_value> (source voip.profile.name) "
    webfilter_profile: "<your_own_value> (source webfilter.profile.name) "

```

## 6.140.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.140.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.140.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.141 fortios\_firewall\_service\_category – Configure service categories in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.141.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_service feature and category category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.141.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.141.3 Tips

Using member operation to add an element to an existing object.

### 6.141.4 FortiOS Version Compatibility

### 6.141.5 Parameters

### 6.141.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.141.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure service categories.
```

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```
fortios_firewall_service_category:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  firewall_service_category:
    comment: "Comment."
    fabric_object: "enable"
    name: "default_name_5"
```

### 6.141.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.141.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.141.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.142 fortios\_firewall\_service\_custom – Configure custom services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.142.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_service feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.142.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.142.3 Tips

Using member operation to add an element to an existing object.

### 6.142.4 FortiOS Version Compatibility

### 6.142.5 Parameters

### 6.142.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.142.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom services.
  fortios_firewall_service_custom:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
firewall_service_custom:
  app_category:
    -
      id: "4"
      app_service_type: "disable"
      application:
        -
          id: "7"
          category: "<your_own_value> (source firewall.service.category.name) "
          check_reset_range: "disable"
          color: "0"
          comment: "Comment."
          fabric_object: "enable"
          fqdn: "<your_own_value>"
          helper: "auto"
          icmpcode: ""
          icmptype: ""
          iprange: "<your_own_value>"
          name: "default_name_18"
          protocol: "TCP/UDP/SCTP"
          protocol_number: "0"
          proxy: "enable"
          sctp_portrange: "<your_own_value>"
          session_ttl: "<your_own_value>"
          tcp_halfclose_timer: "0"
          tcp_halfopen_timer: "0"
          tcp_portrange: "<your_own_value>"
          tcp_rst_timer: "0"
          tcp_timewait_timer: "0"
          udp_idle_timer: "0"
          udp_portrange: "<your_own_value>"
          visibility: "enable"

```

## 6.142.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.142.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.142.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## **6.143 fortios\_firewall\_service\_group – Configure service groups in Fortinet’s FortiOS and FortiGate.**

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### **6.143.1 Synopsis**

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_service feature and group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### **6.143.2 Requirements**

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### **6.143.3 Tips**

Using member operation to add an element to an existing object.

## 6.143.4 FortiOS Version Compatibility

## 6.143.5 Parameters

## 6.143.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.143.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure service groups.
  fortios_firewall_service_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_service_group:
      color: "0"
      comment: "Comment."
      fabric_object: "enable"
      member:
        -
          name: "default_name_7 (source firewall.service.custom.name firewall.
↪service.group.name)"
          name: "default_name_8"
          proxy: "enable"
```

## 6.143.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.143.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.143.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.144 fortios\_firewall\_shaper\_per\_ip\_shaper – Configure per-IP traffic shaper in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.144.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_shaper feature and per\_ip\_shaper category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.144.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.144.3 Tips

Using member operation to add an element to an existing object.

## 6.144.4 FortiOS Version Compatibility

## 6.144.5 Parameters

## 6.144.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.144.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure per-IP traffic shaper.
  fortios_firewall_shaper_per_ip_shaper:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_shaper_per_ip_shaper:
      bandwidth_unit: "kbps"
      diffserv_forward: "enable"
      diffserv_reverse: "enable"
      diffservcode_forward: "<your_own_value>"
      diffservcode_rev: "<your_own_value>"
      max_bandwidth: "0"
      max_concurrent_session: "0"
      max_concurrent_tcp_session: "0"
      max_concurrent_udp_session: "0"
      name: "default_name_12"
```

## 6.144.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.144.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.144.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.145 fortios\_firewall\_shaper\_traffic\_shaper – Configure shared traffic shaper in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.145.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_shaper feature and traffic\_shaper category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.145.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.145.3 Tips

Using member operation to add an element to an existing object.

### 6.145.4 FortiOS Version Compatibility

### 6.145.5 Parameters

### 6.145.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.145.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure shared traffic shaper.
      fortios_firewall_shaper_traffic_shaper:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_shaper_traffic_shaper:
          bandwidth_unit: "kbps"
          diffserv: "enable"
          diffservcode: "<your_own_value>"
          dscp_marking_method: "multi-stage"
          exceed_bandwidth: "0"
          exceed_class_id: "0"
          exceed_dscp: "<your_own_value>"
          guaranteed_bandwidth: "0"
          maximum_bandwidth: "0"
          maximum_dscp: "<your_own_value>"
          name: "default_name_13"
          overhead: "0"
          per_policy: "disable"
          priority: "low"
```

### 6.145.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.145.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.145.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.146 fortios\_firewall\_shaping\_policy – Configure shaping policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.146.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and shaping\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.146.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.146.3 Tips

Using member operation to add an element to an existing object.

## 6.146.4 FortiOS Version Compatibility

## 6.146.5 Parameters

## 6.146.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- Adjust object order by moving self after(before) another.
- Only one of [after, before] must be specified when action is moving an object.

## 6.146.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure shaping policies.
  fortios_firewall_shaping_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_shaping_policy:
      app_category:
        -
          id: "4"
      app_group:
        -
          name: "default_name_6 (source application.group.name)"
      application:
        -
          id: "8"
      class_id: "0"
```

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```

    comment: "Comments."
    diffserv_forward: "enable"
    diffserv_reverse: "enable"
    diffservcode_forward: "<your_own_value>"
    diffservcode_rev: "<your_own_value>"
    dstaddr:
    -
      name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name) "
      dstaddr6:
    -
      name: "default_name_18 (source firewall.address6.name firewall.addrgrp6.
↪name) "
      dstintf:
    -
      name: "default_name_20 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name) "
      groups:
    -
      name: "default_name_22 (source user.group.name) "
      id: "23"
      internet_service: "enable"
      internet_service_custom:
    -
      name: "default_name_26 (source firewall.internet-service-custom.name) "
      internet_service_custom_group:
    -
      name: "default_name_28 (source firewall.internet-service-custom-group.
↪name) "
      internet_service_group:
    -
      name: "default_name_30 (source firewall.internet-service-group.name) "
      internet_service_id:
    -
      id: "32 (source firewall.internet-service.id) "
      internet_service_name:
    -
      name: "default_name_34 (source firewall.internet-service-name.name) "
      internet_service_src: "enable"
      internet_service_src_custom:
    -
      name: "default_name_37 (source firewall.internet-service-custom.name) "
      internet_service_src_custom_group:
    -
      name: "default_name_39 (source firewall.internet-service-custom-group.
↪name) "
      internet_service_src_group:
    -
      name: "default_name_41 (source firewall.internet-service-group.name) "
      internet_service_src_id:
    -
      id: "43 (source firewall.internet-service.id) "
      internet_service_src_name:
    -
      name: "default_name_45 (source firewall.internet-service-name.name) "
      ip_version: "4"
      name: "default_name_47"

```

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```

    per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name) "
    schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
    service:
      -
        name: "default_name_51 (source firewall.service.custom.name firewall.
↪service.group.name) "
        srcaddr:
          -
            name: "default_name_53 (source firewall.address.name firewall.addrgrp.
↪name) "
            srcaddr6:
              -
                name: "default_name_55 (source firewall.address6.name firewall.addrgrp6.
↪name) "
            srcintf:
              -
                name: "default_name_57 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name) "
                status: "enable"
                tos: "<your_own_value>"
                tos_mask: "<your_own_value>"
                tos_negate: "enable"
                traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
                traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name) "
            url_category:
              -
                id: "65"
            users:
              -
                name: "default_name_67 (source user.local.name) "
            uuid: "<your_own_value>"
  - name: move firewall.shaping_policy
    fortios_firewall_shaping_policy:
      vdom: "root"
      action: "move"
      self: "<mkey of self identifier>"
      after: "<mkey of target identifier>"
      #before: "<mkey of target identifier>"

```

## 6.146.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.146.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.146.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.147 fortios\_firewall\_shaping\_profile – Configure shaping profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.147.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and shaping\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.147.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.147.3 Tips

Using member operation to add an element to an existing object.

### 6.147.4 FortiOS Version Compatibility

### 6.147.5 Parameters

### 6.147.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.147.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure shaping profiles.
      fortios_firewall_shaping_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_shaping_profile:
          comment: "Comment."
          default_class_id: "0"
          profile_name: "<your_own_value>"
          shaping_entries:
            -
              burst_in_msec: "0"
              cburst_in_msec: "0"
              class_id: "0"
              guaranteed_bandwidth_percentage: "0"
              id: "11"
              limit: "1000"
              max: "250"
              maximum_bandwidth_percentage: "1"
              min: "83"
              priority: "top"
              red_probability: "0"
        type: "policing"
```

## 6.147.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.147.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.147.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.148 fortios\_firewall\_sniffer – Configure sniffer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.148.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify fire-wall feature and sniffer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.148.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.148.3 Tips

Using member operation to add an element to an existing object.

### 6.148.4 FortiOS Version Compatibility

### 6.148.5 Parameters

### 6.148.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.148.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure sniffer.
  fortios_firewall_sniffer:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_sniffer:
      anomaly:
        -
          action: "pass"
          log: "enable"
          name: "default_name_6"
          quarantine: "none"
```

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```

    quarantine_expiry: "<your_own_value>"
    quarantine_log: "disable"
    status: "disable"
    threshold: "0"
    threshold_default: "0"
    application_list: "<your_own_value> (source application.list.name)"
    application_list_status: "enable"
    av_profile: "<your_own_value> (source antivirus.profile.name)"
    av_profile_status: "enable"
    dlp_profile: "<your_own_value> (source dlp.profile.name)"
    dlp_profile_status: "enable"
    dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
    dlp_sensor_status: "enable"
    dsri: "enable"
    emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
    emailfilter_profile_status: "enable"
    file_filter_profile: "<your_own_value> (source file-filter.profile.name)"
    file_filter_profile_status: "enable"
    host: "myhostname"
    id: "27"
    interface: "<your_own_value> (source system.interface.name)"
    ip_threatfeed:
      -
        name: "default_name_30 (source system.external-resource.name)"
    ip_threatfeed_status: "enable"
    ips_dos_status: "enable"
    ips_sensor: "<your_own_value> (source ips.sensor.name)"
    ips_sensor_status: "enable"
    ipv6: "enable"
    logtraffic: "all"
    max_packet_count: "4000"
    non_ip: "enable"
    port: "<your_own_value>"
    protocol: "<your_own_value>"
    scan_botnet_connections: "disable"
    spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
    spamfilter_profile_status: "enable"
    status: "enable"
    vlan: "<your_own_value>"
    webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
    webfilter_profile_status: "enable"

```

### 6.148.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.148.9 Status

- This module is not guaranteed to have a backwards compatible interface.



## 6.148.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.149 fortios\_firewall\_ssh\_host\_key – SSH proxy host public keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.149.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ssh feature and host\_key category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.149.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.149.3 Tips

Using member operation to add an element to an existing object.

### 6.149.4 FortiOS Version Compatibility

### 6.149.5 Parameters

### 6.149.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.149.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SSH proxy host public keys.
  fortios_firewall_ssh_host_key:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ssh_host_key:
      hostname: "myhostname"
      ip: "<your_own_value>"
      name: "default_name_5"
      nid: "256"
      port: "22"
      public_key: "<your_own_value>"
      status: "trusted"
      type: "RSA"
      usage: "transparent-proxy"
```

### 6.149.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.149.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.149.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.150 fortios\_firewall\_ssh\_local\_ca – SSH proxy local CA in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.150.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ssh feature and local\_ca category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.150.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.150.3 Tips

Using member operation to add an element to an existing object.

### 6.150.4 FortiOS Version Compatibility

### 6.150.5 Parameters

### 6.150.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.150.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SSH proxy local CA.
  fortios_firewall_ssh_local_ca:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ssh_local_ca:
      name: "default_name_3"
      password: "<your_own_value>"
      private_key: "<your_own_value>"
      public_key: "<your_own_value>"
      source: "built-in"
```

### 6.150.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.150.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.150.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.151 fortios\_firewall\_ssh\_local\_key – SSH proxy local keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.151.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ssh feature and local\_key category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.151.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.151.3 Tips

Using member operation to add an element to an existing object.

### 6.151.4 FortiOS Version Compatibility

### 6.151.5 Parameters

### 6.151.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.151.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: SSH proxy local keys.
      fortios_firewall_ssh_local_key:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_ssh_local_key:
          name: "default_name_3"
          password: "<your_own_value>"
          private_key: "<your_own_value>"
          public_key: "<your_own_value>"
          source: "built-in"
```

### 6.151.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.151.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.151.10 Authors

- Link Zheng (@chillancezen)
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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.152 fortios\_firewall\_ssh\_setting – SSH proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.152.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ssh feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.152.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.152.3 Tips

Using member operation to add an element to an existing object.

### 6.152.4 FortiOS Version Compatibility

### 6.152.5 Parameters

### 6.152.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.152.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: SSH proxy settings.
      fortios_firewall_ssh_setting:
        vdom: "{{ vdom }}"
        firewall_ssh_setting:
          caname: "<your_own_value> (source firewall.ssh.local-ca.name) "
          host_trusted_checking: "enable"
          hostkey_dsa1024: "myhostname (source firewall.ssh.local-key.name) "
          hostkey_ecdsa256: "myhostname (source firewall.ssh.local-key.name) "
          hostkey_ecdsa384: "myhostname (source firewall.ssh.local-key.name) "
          hostkey_ecdsa521: "myhostname (source firewall.ssh.local-key.name) "
          hostkey_ed25519: "myhostname (source firewall.ssh.local-key.name) "
          hostkey_rsa2048: "myhostname (source firewall.ssh.local-key.name) "
          untrusted_caname: "<your_own_value> (source firewall.ssh.local-ca.name) "
```

### 6.152.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.152.9 Status

- This module is not guaranteed to have a backwards compatible interface.



### 6.152.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.153 fortios\_firewall\_ssl\_server – Configure SSL servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.153.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ssl\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.153.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.153.3 Tips

Using member operation to add an element to an existing object.

### 6.153.4 FortiOS Version Compatibility

### 6.153.5 Parameters

### 6.153.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.153.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSL servers.
  fortios_firewall_ssl_server:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ssl_server:
      add_header_x_forwarded_proto: "enable"
      ip: "<your_own_value>"
      mapped_port: "80"
      name: "default_name_6"
      port: "443"
      ssl_algorithm: "high"
      ssl_cert: "<your_own_value> (source vpn.certificate.local.name)"
      ssl_client_renegotiation: "allow"
      ssl_dh_bits: "768"
      ssl_max_version: "tls-1.0"
      ssl_min_version: "tls-1.0"
      ssl_mode: "half"
      ssl_send_empty_frags: "enable"
      url_rewrite: "enable"
```

### 6.153.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.153.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.153.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.154 fortios\_firewall\_ssl\_setting – SSL proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.154.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_ssl feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.154.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.154.3 Tips

Using member operation to add an element to an existing object.

## 6.154.4 FortiOS Version Compatibility

## 6.154.5 Parameters

## 6.154.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.154.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: SSL proxy settings.
  fortios_firewall_ssl_setting:
    vdom: "{{ vdom }}"
    firewall_ssl_setting:
      abbreviate_handshake: "enable"
      cert_cache_capacity: "200"
      cert_cache_timeout: "10"
      kxp_queue_threshold: "16"
      no_matching_cipher_action: "bypass"
      proxy_connect_timeout: "30"
      session_cache_capacity: "500"
      session_cache_timeout: "20"
      ssl_dh_bits: "768"
      ssl_queue_threshold: "32"
      ssl_send_empty_frags: "enable"
```

### 6.154.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.154.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.154.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.155 fortios\_firewall\_ssl\_ssh\_profile – Configure SSL/SSH protocol options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.155.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ssl\_ssh\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.155.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.155.3 Tips

Using member operation to add an element to an existing object.

## 6.155.4 FortiOS Version Compatibility

## 6.155.5 Parameters

## 6.155.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.155.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSL/SSH protocol options.
  fortios_firewall_ssl_ssh_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ssl_ssh_profile:
      allowlist: "enable"
      block_blacklisted_certificates: "disable"
      block_blocklisted_certificates: "disable"
      caname: "<your_own_value> (source vpn.certificate.local.name)"
      comment: "Optional comments."
      dot:
```

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```

cert_validation_failure: "allow"
cert_validation_timeout: "allow"
client_certificate: "bypass"
expired_server_cert: "allow"
proxy_after_tcp_handshake: "enable"
revoked_server_cert: "allow"
sni_server_cert_check: "enable"
status: "disable"
unsupported_ssl_cipher: "allow"
unsupported_ssl_negotiation: "allow"
unsupported_ssl_version: "allow"
untrusted_server_cert: "allow"
ftps:
  allow_invalid_server_cert: "enable"
  cert_validation_failure: "allow"
  cert_validation_timeout: "allow"
  client_cert_request: "bypass"
  client_certificate: "bypass"
  expired_server_cert: "allow"
  invalid_server_cert: "allow"
  min_allowed_ssl_version: "ssl-3.0"
  ports: "<your_own_value>"
  revoked_server_cert: "allow"
  sni_server_cert_check: "enable"
  status: "disable"
  unsupported_ssl: "bypass"
  unsupported_ssl_cipher: "allow"
  unsupported_ssl_negotiation: "allow"
  unsupported_ssl_version: "allow"
  untrusted_cert: "allow"
  untrusted_server_cert: "allow"
https:
  allow_invalid_server_cert: "enable"
  cert_probe_failure: "allow"
  cert_validation_failure: "allow"
  cert_validation_timeout: "allow"
  client_cert_request: "bypass"
  client_certificate: "bypass"
  expired_server_cert: "allow"
  invalid_server_cert: "allow"
  min_allowed_ssl_version: "ssl-3.0"
  ports: "<your_own_value>"
  proxy_after_tcp_handshake: "enable"
  revoked_server_cert: "allow"
  sni_server_cert_check: "enable"
  status: "disable"
  unsupported_ssl: "bypass"
  unsupported_ssl_cipher: "allow"
  unsupported_ssl_negotiation: "allow"
  unsupported_ssl_version: "allow"
  untrusted_cert: "allow"
  untrusted_server_cert: "allow"
imaps:
  allow_invalid_server_cert: "enable"
  cert_validation_failure: "allow"
  cert_validation_timeout: "allow"
  client_cert_request: "bypass"

```

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```

    client_certificate: "bypass"
    expired_server_cert: "allow"
    invalid_server_cert: "allow"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    revoked_server_cert: "allow"
    sni_server_cert_check: "enable"
    status: "disable"
    unsupported_ssl: "bypass"
    unsupported_ssl_cipher: "allow"
    unsupported_ssl_negotiation: "allow"
    unsupported_ssl_version: "allow"
    untrusted_cert: "allow"
    untrusted_server_cert: "allow"
  mapi_over_https: "enable"
  name: "default_name_81"
  pop3s:
    allow_invalid_server_cert: "enable"
    cert_validation_failure: "allow"
    cert_validation_timeout: "allow"
    client_cert_request: "bypass"
    client_certificate: "bypass"
    expired_server_cert: "allow"
    invalid_server_cert: "allow"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    revoked_server_cert: "allow"
    sni_server_cert_check: "enable"
    status: "disable"
    unsupported_ssl: "bypass"
    unsupported_ssl_cipher: "allow"
    unsupported_ssl_negotiation: "allow"
    unsupported_ssl_version: "allow"
    untrusted_cert: "allow"
    untrusted_server_cert: "allow"
  rpc_over_https: "enable"
  server_cert:
    -
      name: "default_name_103 (source vpn.certificate.local.name)"
  server_cert_mode: "re-sign"
  smtps:
    allow_invalid_server_cert: "enable"
    cert_validation_failure: "allow"
    cert_validation_timeout: "allow"
    client_cert_request: "bypass"
    client_certificate: "bypass"
    expired_server_cert: "allow"
    invalid_server_cert: "allow"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    revoked_server_cert: "allow"
    sni_server_cert_check: "enable"
    status: "disable"
    unsupported_ssl: "bypass"
    unsupported_ssl_cipher: "allow"
    unsupported_ssl_negotiation: "allow"
    unsupported_ssl_version: "allow"

```

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```

    untrusted_cert: "allow"
    untrusted_server_cert: "allow"
ssh:
    inspect_all: "disable"
    ports: "<your_own_value>"
    proxy_after_tcp_handshake: "enable"
    ssh_algorithm: "compatible"
    ssh_policy_check: "disable"
    ssh_tun_policy_check: "disable"
    status: "disable"
    unsupported_version: "bypass"
ssl:
    allow_invalid_server_cert: "enable"
    cert_probe_failure: "allow"
    cert_validation_failure: "allow"
    cert_validation_timeout: "allow"
    client_cert_request: "bypass"
    client_certificate: "bypass"
    expired_server_cert: "allow"
    inspect_all: "disable"
    invalid_server_cert: "allow"
    min_allowed_ssl_version: "ssl-3.0"
    revoked_server_cert: "allow"
    sni_server_cert_check: "enable"
    unsupported_ssl: "bypass"
    unsupported_ssl_cipher: "allow"
    unsupported_ssl_negotiation: "allow"
    unsupported_ssl_version: "allow"
    untrusted_cert: "allow"
    untrusted_server_cert: "allow"
ssl_anomalies_log: "disable"
ssl_anomaly_log: "disable"
ssl_exempt:
-
    address: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
    address6: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
    fortiguard_category: "0"
    id: "158"
    regex: "<your_own_value>"
    type: "fortiguard-category"
    wildcard_fqdn: "<your_own_value> (source firewall.wildcard-fqdn.custom.
↪name firewall.wildcard-fqdn.group.name) "
    ssl_exemption_ip_rating: "enable"
    ssl_exemption_log: "disable"
    ssl_exemptions_log: "disable"
    ssl_handshake_log: "disable"
    ssl_negotiation_log: "disable"
    ssl_server:
-
    ftps_client_cert_request: "bypass"
    ftps_client_certificate: "bypass"
    https_client_cert_request: "bypass"
    https_client_certificate: "bypass"
    id: "172"
    imaps_client_cert_request: "bypass"

```

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```
imaps_client_certificate: "bypass"
ip: "<your_own_value>"
pop3s_client_cert_request: "bypass"
pop3s_client_certificate: "bypass"
smtps_client_cert_request: "bypass"
smtps_client_certificate: "bypass"
ssl_other_client_cert_request: "bypass"
ssl_other_client_certificate: "bypass"
ssl_server_cert_log: "disable"
supported_alpn: "http1-1"
untrusted_caname: "<your_own_value> (source vpn.certificate.local.name)"
use_ssl_server: "disable"
whitelist: "enable"
```

## 6.155.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.155.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.155.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.156 fortios\_firewall\_traffic\_class – Configure names for shaping classes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.156.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and traffic\_class category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.156.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.156.3 Tips

Using member operation to add an element to an existing object.

### 6.156.4 FortiOS Version Compatibility

### 6.156.5 Parameters

### 6.156.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.156.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure names for shaping classes.
  fortios_firewall_traffic_class:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_traffic_class:
      class_id: "0"
      class_name: "<your_own_value>"
```

## 6.156.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.156.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.156.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.157 fortios\_firewall\_ttl\_policy – Configure TTL policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.157.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ttl\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.157.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.157.3 Tips

Using member operation to add an element to an existing object.

### 6.157.4 FortiOS Version Compatibility

### 6.157.5 Parameters

### 6.157.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.157.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure TTL policies.
  fortios_firewall_ttl_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_ttl_policy:
      action: "accept"
      id: "4"
      schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
      service:
        -
          name: "default_name_7 (source firewall.service.custom.name firewall.
↪service.group.name) "
          srcaddr:
            -
              name: "default_name_9 (source firewall.address.name firewall.addrgrp.name)
↪"
          srcintf: "<your_own_value> (source system.zone.name system.interface.name) "
          status: "enable"
          ttl: "<your_own_value>"
```

## 6.157.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.157.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.157.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.158 fortios\_firewall\_vendor\_mac – Show vendor and the MAC address they have in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.158.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vendor\_mac category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.158.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.158.3 Tips

Using member operation to add an element to an existing object.

### 6.158.4 FortiOS Version Compatibility

### 6.158.5 Parameters

### 6.158.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.158.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Show vendor and the MAC address they have.
  fortios_firewall_vendor_mac:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vendor_mac:
      id: "3"
      mac_number: "0"
      name: "default_name_5"
      obsolete: "0"
```

## 6.158.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.158.9 Status

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## 6.158.10 Authors

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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.159 fortios\_firewall\_vip – Configure virtual IP for IPv4 in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.159.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.159.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.159.3 Tips

Using member operation to add an element to an existing object.

### 6.159.4 FortiOS Version Compatibility

### 6.159.5 Parameters

### 6.159.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.159.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure virtual IP for IPv4.
      fortios_firewall_vip:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        firewall_vip:
          add_nat46_route: "disable"
          arp_reply: "disable"
          color: "0"
          comment: "Comment."
          dns_mapping_ttl: "0"
          extaddr:
            -
              name: "default_name_9 (source firewall.address.name firewall.addrgrp.name)"
              extintf: "<your_own_value> (source system.interface.name)"
              extip: "<your_own_value>"
              extport: "<your_own_value>"
              gratuitous_arp_interval: "0"
              http_cookie_age: "60"
              http_cookie_domain: "<your_own_value>"
              http_cookie_domain_from_host: "disable"
              http_cookie_generation: "0"
              http_cookie_path: "<your_own_value>"
              http_cookie_share: "disable"
              http_ip_header: "enable"
              http_ip_header_name: "<your_own_value>"
              http_multiplex: "enable"
              http_redirect: "enable"
              https_cookie_secure: "disable"
              id: "25"
              ipv6_mappedip: "<your_own_value>"
              ipv6_mappedport: "<your_own_value>"
              ldb_method: "static"
              mapped_addr: "<your_own_value> (source firewall.address.name)"
              mappedip:
                -
                  range: "<your_own_value>"
                  mappedport: "<your_own_value>"
                  max_embryonic_connections: "1000"
                  monitor:
                    -
                      name: "default_name_35 (source firewall.ldb-monitor.name)"
                      name: "default_name_36"
                      nat_source_vip: "disable"

```

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```

nat44: "disable"
nat46: "disable"
outlook_web_access: "disable"
persistence: "none"
portforward: "disable"
portmapping_type: "1-to-1"
protocol: "tcp"
realserver:
-
  address: "<your_own_value> (source firewall.address.name)"
  client_ip: "<your_own_value>"
  healthcheck: "disable"
  holddown_interval: "300"
  http_host: "myhostname"
  id: "51"
  ip: "<your_own_value>"
  max_connections: "0"
  monitor:
    -
      name: "default_name_55 (source firewall.ldb-monitor.name)"
      port: "0"
      status: "active"
      type: "ip"
      weight: "1"
  server_type: "http"
  service:
    -
      name: "default_name_62 (source firewall.service.custom.name firewall.
↪service.group.name)"
      src_filter:
        -
          range: "<your_own_value>"
      srcintf_filter:
        -
          interface_name: "<your_own_value> (source system.interface.name)"
      ssl_accept_ffdhe_groups: "enable"
      ssl_algorithm: "high"
      ssl_certificate: "<your_own_value> (source vpn.certificate.local.name)"
      ssl_cipher_suites:
        -
          cipher: "TLS-AES-128-GCM-SHA256"
          priority: "0"
          versions: "ssl-3.0"
      ssl_client_fallback: "disable"
      ssl_client_rekey_count: "0"
      ssl_client_renegotiation: "allow"
      ssl_client_session_state_max: "1000"
      ssl_client_session_state_timeout: "30"
      ssl_client_session_state_type: "disable"
      ssl_dh_bits: "768"
      ssl_hpkp: "disable"
      ssl_hpkp_age: "5184000"
      ssl_hpkp_backup: "<your_own_value> (source vpn.certificate.local.name vpn.
↪certificate.ca.name)"
      ssl_hpkp_include_subdomains: "disable"
      ssl_hpkp_primary: "<your_own_value> (source vpn.certificate.local.name vpn.
↪certificate.ca.name)"

```

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```
ssl_hpkp_report_uri: "<your_own_value>"
ssl_hsts: "disable"
ssl_hsts_age: "5184000"
ssl_hsts_include_subdomains: "disable"
ssl_http_location_conversion: "enable"
ssl_http_match_host: "enable"
ssl_max_version: "ssl-3.0"
ssl_min_version: "ssl-3.0"
ssl_mode: "half"
ssl_pfs: "require"
ssl_send_empty_frags: "enable"
ssl_server_algorithm: "high"
ssl_server_cipher_suites:
-
  cipher: "TLS-AES-128-GCM-SHA256"
  priority: "0"
  versions: "ssl-3.0"
ssl_server_max_version: "ssl-3.0"
ssl_server_min_version: "ssl-3.0"
ssl_server_session_state_max: "100"
ssl_server_session_state_timeout: "60"
ssl_server_session_state_type: "disable"
status: "disable"
type: "static-nat"
uuid: "<your_own_value>"
weblogic_server: "disable"
websphere_server: "disable"
```

## 6.159.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.159.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.159.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.160 fortios\_firewall\_vip46 – Configure IPv4 to IPv6 virtual IPs in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.160.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify fire-wall feature and vip46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.160.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.160.3 Tips

Using member operation to add an element to an existing object.

### 6.160.4 FortiOS Version Compatibility

### 6.160.5 Parameters

### 6.160.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.160.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure IPv4 to IPv6 virtual IPs.
  fortios_firewall_vip46:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vip46:
      arp_reply: "disable"
      color: "0"
      comment: "Comment."
      extip: "<your_own_value>"
      extport: "<your_own_value>"
      id: "8"
      ldb_method: "static"
      mappedip: "<your_own_value>"
      mappedport: "<your_own_value>"
      monitor:
        -
          name: "default_name_13 (source firewall.ldb-monitor.name)"
        name: "default_name_14"
        portforward: "disable"
        protocol: "tcp"
        realservers:
          -
            client_ip: "<your_own_value>"
            healthcheck: "disable"
            holddown_interval: "300"
            id: "21"
            ip: "<your_own_value>"
            max_connections: "0"
            monitor:
              -
                name: "default_name_25 (source firewall.ldb-monitor.name)"
                port: "0"
                status: "active"
                weight: "1"
            server_type: "http"
            src_filter:
              -
                range: "<your_own_value>"
            srcintf_filter:
              -
                interface_name: "<your_own_value> (source system.interface.name)"
            type: "static-nat"
            uuid: "<your_own_value>"

```

## 6.160.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.160.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.160.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.161 fortios\_firewall\_vip6 – Configure virtual IP for IPv6 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.161.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.161.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.161.3 Tips

Using member operation to add an element to an existing object.

### 6.161.4 FortiOS Version Compatibility

### 6.161.5 Parameters

### 6.161.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.161.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure virtual IP for IPv6.
  fortios_firewall_vip6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vip6:
      add_nat64_route: "disable"
      arp_reply: "disable"
      color: "0"
      comment: "Comment."
      embedded_ipv4_address: "disable"
      extip: "<your_own_value>"
```

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```

extport: "<your_own_value>"
http_cookie_age: "60"
http_cookie_domain: "<your_own_value>"
http_cookie_domain_from_host: "disable"
http_cookie_generation: "0"
http_cookie_path: "<your_own_value>"
http_cookie_share: "disable"
http_ip_header: "enable"
http_ip_header_name: "<your_own_value>"
http_multiplex: "enable"
http_redirect: "enable"
https_cookie_secure: "disable"
id: "21"
ipv4_mappedip: "<your_own_value>"
ipv4_mappedport: "<your_own_value>"
ldb_method: "static"
mappedip: "<your_own_value>"
mappedport: "<your_own_value>"
max_embryonic_connections: "1000"
monitor:
  -
    name: "default_name_29 (source firewall.ldb-monitor.name)"
  name: "default_name_30"
  nat_source_vip: "disable"
  nat64: "disable"
  nat66: "disable"
  ndp_reply: "disable"
  outlook_web_access: "disable"
  persistence: "none"
  portforward: "disable"
  protocol: "tcp"
  realservers:
    -
      client_ip: "<your_own_value>"
      healthcheck: "disable"
      holddown_interval: "300"
      http_host: "myhostname"
      id: "44"
      ip: "<your_own_value>"
      max_connections: "0"
      monitor:
        -
          name: "default_name_48 (source firewall.ldb-monitor.name)"
          port: "0"
          status: "active"
          weight: "1"
      server_type: "http"
      src_filter:
        -
          range: "<your_own_value>"
      ssl_accept_ffdhe_groups: "enable"
      ssl_algorithm: "high"
      ssl_certificate: "<your_own_value> (source vpn.certificate.local.name)"
      ssl_cipher_suites:
        -
          cipher: "TLS-AES-128-GCM-SHA256"
          priority: "0"

```

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```

        versions: "ssl-3.0"
        ssl_client_fallback: "disable"
        ssl_client_rekey_count: "0"
        ssl_client_renegotiation: "allow"
        ssl_client_session_state_max: "1000"
        ssl_client_session_state_timeout: "30"
        ssl_client_session_state_type: "disable"
        ssl_dh_bits: "768"
        ssl_hpkp: "disable"
        ssl_hpkp_age: "5184000"
        ssl_hpkp_backup: "<your_own_value> (source vpn.certificate.local.name vpn.
↪certificate.ca.name)"
        ssl_hpkp_include_subdomains: "disable"
        ssl_hpkp_primary: "<your_own_value> (source vpn.certificate.local.name vpn.
↪certificate.ca.name)"
        ssl_hpkp_report_uri: "<your_own_value>"
        ssl_hsts: "disable"
        ssl_hsts_age: "5184000"
        ssl_hsts_include_subdomains: "disable"
        ssl_http_location_conversion: "enable"
        ssl_http_match_host: "enable"
        ssl_max_version: "ssl-3.0"
        ssl_min_version: "ssl-3.0"
        ssl_mode: "half"
        ssl_pfs: "require"
        ssl_send_empty_frags: "enable"
        ssl_server_algorithm: "high"
        ssl_server_cipher_suites:
        -
            cipher: "TLS-AES-128-GCM-SHA256"
            priority: "0"
            versions: "ssl-3.0"
        ssl_server_max_version: "ssl-3.0"
        ssl_server_min_version: "ssl-3.0"
        ssl_server_session_state_max: "100"
        ssl_server_session_state_timeout: "60"
        ssl_server_session_state_type: "disable"
        type: "static-nat"
        uuid: "<your_own_value>"
        weblogic_server: "disable"
        websphere_server: "disable"

```

### 6.161.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.161.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.161.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.162 fortios\_firewall\_vip64 – Configure IPv6 to IPv4 virtual IPs in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.162.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.162.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.162.3 Tips

Using member operation to add an element to an existing object.

### 6.162.4 FortiOS Version Compatibility

### 6.162.5 Parameters

### 6.162.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.162.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 to IPv4 virtual IPs.
  fortios_firewall_vip64:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vip64:
      arp_reply: "disable"
      color: "0"
      comment: "Comment."
      extip: "<your_own_value>"
      extport: "<your_own_value>"
      id: "8"
      ldb_method: "static"
      mappedip: "<your_own_value>"
      mappedport: "<your_own_value>"
    monitor:
      -
        name: "default_name_13 (source firewall.ldb-monitor.name)"
      name: "default_name_14"
      portforward: "disable"
      protocol: "tcp"
      realservers:
        -
          client_ip: "<your_own_value>"
          healthcheck: "disable"
          holddown_interval: "300"
```

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```

    id: "21"
    ip: "<your_own_value>"
    max_connections: "0"
    monitor:
      -
        name: "default_name_25 (source firewall.ldb-monitor.name)"
        port: "0"
        status: "active"
        weight: "1"
        server_type: "http"
        src_filter:
          -
            range: "<your_own_value>"
        type: "static-nat"
        uuid: "<your_own_value>"

```

### 6.162.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.162.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.162.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.163 fortios\_firewall\_vipgrp – Configure IPv4 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.163.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify fire-wall feature and vipgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.163.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.163.3 Tips

Using member operation to add an element to an existing object.

### 6.163.4 FortiOS Version Compatibility

### 6.163.5 Parameters

### 6.163.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.163.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 virtual IP groups.
  fortios_firewall_vipgrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vipgrp:
      color: "0"
      comments: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      member:
        -
          name: "default_name_7 (source firewall.vip.name)"
        name: "default_name_8"
        uuid: "<your_own_value>"

```

## 6.163.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.163.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.163.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.164 fortios\_firewall\_vipgrp46 – Configure IPv4 to IPv6 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.164. fortios\_firewall\_vipgrp46 – Configure IPv4 to IPv6 virtual IP groups in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.164.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.164.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.164.3 Tips

Using member operation to add an element to an existing object.

### 6.164.4 FortiOS Version Compatibility

### 6.164.5 Parameters

### 6.164.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.164.7 Examples



```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 to IPv6 virtual IP groups.
  fortios_firewall_vipgrp46:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vipgrp46:
      color: "0"
      comments: "<your_own_value>"
      member:
        -
          name: "default_name_6 (source firewall.vip46.name)"
      name: "default_name_7"
      uuid: "<your_own_value>"

```

### 6.164.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.164.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.164.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.165 fortios\_firewall\_vipgrp6 – Configure IPv6 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.165.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.165.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.165.3 Tips

Using member operation to add an element to an existing object.

### 6.165.4 FortiOS Version Compatibility

### 6.165.5 Parameters

### 6.165.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.165.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 virtual IP groups.
  fortios_firewall_vipgrp6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vipgrp6:
      color: "0"
      comments: "<your_own_value>"
      member:
        -
          name: "default_name_6 (source firewall.vip6.name)"
      name: "default_name_7"
      uuid: "<your_own_value>"
```

## 6.165.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.165.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.165.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.166 fortios\_firewall\_vipgrp64 – Configure IPv6 to IPv4 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.166.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.166.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.166.3 Tips

Using member operation to add an element to an existing object.

### 6.166.4 FortiOS Version Compatibility

### 6.166.5 Parameters

### 6.166.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.166.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 to IPv4 virtual IP groups.
  fortios_firewall_vipgrp64:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_vipgrp64:
      color: "0"
      comments: "<your_own_value>"
      member:
        -
          name: "default_name_6 (source firewall.vip64.name)"
          name: "default_name_7"
          uuid: "<your_own_value>"
```

## 6.166.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.166.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.166.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.167 fortios\_firewall\_wildcard\_fqdn\_custom – Config global/VDOM Wildcard FQDN address in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.167.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_wildcard\_fqdn feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.167.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.167.3 Tips

Using member operation to add an element to an existing object.

### 6.167.4 FortiOS Version Compatibility

### 6.167.5 Parameters

### 6.167.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.167.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Config global/VDOM Wildcard FQDN address.
  fortios_firewall_wildcard_fqdn_custom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_wildcard_fqdn_custom:
      color: "0"
      comment: "Comment."
      name: "default_name_5"
      uuid: "<your_own_value>"
      visibility: "enable"
      wildcard_fqdn: "<your_own_value>"
```

## 6.167.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.167.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.167.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.168 fortios\_firewall\_wildcard\_fqdn\_group – Config global Wildcard FQDN address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.168.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall\_wildcard\_fqdn feature and group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.168.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.168.3 Tips

Using member operation to add an element to an existing object.

### 6.168.4 FortiOS Version Compatibility

### 6.168.5 Parameters

### 6.168.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.168.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Config global Wildcard FQDN address groups.
  fortios_firewall_wildcard_fqdn_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    firewall_wildcard_fqdn_group:
      color: "0"
      comment: "Comment."
      member:
        -
          name: "default_name_6 (source firewall.wildcard-fqdn.custom.name)"
      name: "default_name_7"
      uuid: "<your_own_value>"
      visibility: "enable"
```

## 6.168.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.168.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.168.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.169 fortios\_ftp\_proxy\_explicit – Configure explicit FTP proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.169.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ftp\_proxy feature and explicit category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.169.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.169.3 Tips

Using member operation to add an element to an existing object.

### 6.169.4 FortiOS Version Compatibility

### 6.169.5 Parameters

### 6.169.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.169.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure explicit FTP proxy settings.
  fortios_fip_proxy_explicit:
    vdom: "{{ vdom }}"
    ftp_proxy_explicit:
      incoming_ip: "<your_own_value>"
      incoming_port: "<your_own_value>"
      outgoing_ip: "<your_own_value>"
      sec_default_action: "accept"
      ssl: "enable"
      ssl_algorithm: "high"
      ssl_cert: "<your_own_value> (source certificate.local.name)"
      ssl_dh_bits: "768"
      status: "enable"
```

## 6.169.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.169.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.169.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.170 fortios\_gtp\_apn – Configure APN for GTP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.170.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and apn category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.170.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.170.3 Tips

Using member operation to add an element to an existing object.

### 6.170.4 FortiOS Version Compatibility

### 6.170.5 Parameters

### 6.170.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.170.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure APN for GTP.
  fortios_gtp_apn:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_apn:
      apn: "<your_own_value>"
      name: "default_name_4"
```

## 6.170.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.170.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.170.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.171 fortios\_gtp\_apn\_shaper – Global per-APN shaper in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.171.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and apn\_shaper category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.171.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.171.3 Tips

Using member operation to add an element to an existing object.

### 6.171.4 FortiOS Version Compatibility

### 6.171.5 Parameters

### 6.171.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.171.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Global per-APN shaper.
  fortios_gtp_apn_shaper:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_apn_shaper:
      action: "drop"
      apn:
        -
          name: "default_name_5 (source gtp.apn.name gtp.apngrp.name)"
          back_off_time: "0"
          id: "7"
          rate_limit: "0"

```

### 6.171.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.171.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.171.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.172 fortios\_gtp\_apngrp – Configure APN groups for GTP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.172.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and apngrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.172.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.172.3 Tips

Using member operation to add an element to an existing object.

### 6.172.4 FortiOS Version Compatibility

### 6.172.5 Parameters

### 6.172.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.172.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure APN groups for GTP.
  fortios_gtp_apngrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_apngrp:
      member:
        -
          name: "default_name_4 (source gtp.apn.name gtp.apngrp.name)"
          name: "default_name_5"
```

## 6.172.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.172.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.172.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.173 fortios\_gtp\_ie\_allow\_list – IE allow list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.173.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and ie\_allow\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.173.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.173.3 Tips

Using member operation to add an element to an existing object.

### 6.173.4 FortiOS Version Compatibility

### 6.173.5 Parameters

### 6.173.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.173.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: IE allow list.
  fortios_gtp_ie_allow_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_ie_allow_list:
      entries:
        -
          fos_message: "0"
          id: "5"
          ie: "0"
          name: "default_name_7"
```

## 6.173.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.173.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.173.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.174 fortios\_gtp\_ie\_white\_list – IE white list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.174.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and ie\_white\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.174.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.174.3 Tips

Using member operation to add an element to an existing object.

### 6.174.4 FortiOS Version Compatibility

### 6.174.5 Parameters

### 6.174.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.174.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: IE white list.
  fortios_gtp_ie_white_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_ie_white_list:
      entries:
        -
          fos_message: "127"
          id: "5"
          ie: "127"
          name: "default_name_7"
```

## 6.174.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.174.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.174.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.175 fortios\_gtp\_message\_filter\_v0v1 – Message filter for GTPv0/v1 messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.175.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and message\_filter\_v0v1 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.175.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.175.3 Tips

Using member operation to add an element to an existing object.

### 6.175.4 FortiOS Version Compatibility

### 6.175.5 Parameters

### 6.175.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.175.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Message filter for GTPv0/v1 messages.
  fortios_gtp_message_filter_v0v1:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_message_filter_v0v1:
      create_mbms: "allow"
      create_pdp: "allow"
      data_record: "allow"
      delete_aa_pdp: "allow"
      delete_mbms: "allow"
      delete_pdp: "allow"
      echo: "allow"
      end_marker: "allow"
      error_indication: "allow"
      failure_report: "allow"
      fwd_relocation: "allow"
      fwd_srns_context: "allow"
      gtp_pdu: "allow"
      identification: "allow"
      mbms_de_registration: "allow"
      mbms_notification: "allow"
      mbms_registration: "allow"
      mbms_session_start: "allow"
      mbms_session_stop: "allow"
      mbms_session_update: "allow"
      ms_info_change_notif: "allow"
      name: "default_name_24"
      node_alive: "allow"
      note_ms_present: "allow"
      pdu_notification: "allow"
      ran_info: "allow"
      redirection: "allow"
      relocation_cancel: "allow"
      send_route: "allow"
      sgsn_context: "allow"
      support_extension: "allow"
      unknown_message: "allow"
      unknown_message_white_list:
        -
          id: "36"
      update_mbms: "allow"
      update_pdp: "allow"
      v0_create_aa_pdp_v1_init_pdp_ctx: "allow"
      version_not_support: "allow"
```

## 6.175.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.175.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.175.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.176 fortios\_gtp\_message\_filter\_v2 – Message filter for GTPv2 messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



## 6.176.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and message\_filter\_v2 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.176.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.176.3 Tips

Using member operation to add an element to an existing object.

## 6.176.4 FortiOS Version Compatibility

## 6.176.5 Parameters

## 6.176.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.176.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Message filter for GTPv2 messages.
  fortios_gtp_message_filter_v2:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_message_filter_v2:
      bearer_resource_cmd_fail: "allow"
      change_notification: "allow"
      context_req_res_ack: "allow"
      create_bearer: "allow"
      create_session: "allow"
      delete_bearer_cmd_fail: "allow"
```

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```
delete_bearer_req_resp: "allow"
delete_pdn_connection_set: "allow"
delete_session: "allow"
echo: "allow"
forward_relocation_cmp_notif_ack: "allow"
forward_relocation_req_res: "allow"
modify_bearer_cmd_fail: "allow"
modify_bearer_req_resp: "allow"
name: "default_name_17"
resume: "allow"
suspend: "allow"
trace_session: "allow"
unknown_message: "allow"
unknown_message_white_list:
  -
    id: "23"
update_bearer: "allow"
update_pdn_connection_set: "allow"
version_not_support: "allow"
```

### 6.176.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.176.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.176.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.177 fortios\_gtp\_rat\_timeout\_profile – RAT timeout profil in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.177.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and rat\_timeout\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.177.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.177.3 Tips

Using member operation to add an element to an existing object.

### 6.177.4 FortiOS Version Compatibility

### 6.177.5 Parameters

### 6.177.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.177.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: RAT timeout profile
  fortios_gtp_rat_timeout_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_rat_timeout_profile:
      eutran_timeout: "0"
      gan_timeout: "0"
      geran_timeout: "0"
      hspa_timeout: "0"
      ltem_timeout: "0"
      name: "default_name_8"
      nbiot_timeout: "0"
      nr_timeout: "0"
      utran_timeout: "0"
      virtual_timeout: "0"
      wlan_timeout: "0"
```

### 6.177.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.177.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.177.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.178 fortios\_gtp\_tunnel\_limit – GTP tunnel limiter in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.178.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify gtp feature and tunnel\_limit category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.178.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.178.3 Tips

Using member operation to add an element to an existing object.

### 6.178.4 FortiOS Version Compatibility

### 6.178.5 Parameters

### 6.178.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.178.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: GTP tunnel limiter.
  fortios_gtp_tunnel_limit:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    gtp_tunnel_limit:
      name: "default_name_3"
      tunnel_limit: "0"
```

## 6.178.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.178.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.178.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.179 fortios\_hardware\_nic – Display NIC information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.179.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify hardware feature and nic category. Examples include all parameters and values need to be adjusted to data-sources before usage. Tested with FOS v6.0.0

### 6.179.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.179.3 Tips

Using member operation to add an element to an existing object.

### 6.179.4 FortiOS Version Compatibility

### 6.179.5 Parameters

### 6.179.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.179.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display NIC information.
  fortios_hardware_nic:
    vdom: "{{ vdom }}"
    hardware_nic:
      nic: "<your_own_value>"
```

### 6.179.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.179.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.179.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.180 fortios\_hardware\_npu\_np6\_dce – Show NP6 non-zero subengine drop counters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*



- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.180.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify hardware\_npu\_np6 feature and dce category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.180.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.180.3 Tips

Using member operation to add an element to an existing object.

### 6.180.4 FortiOS Version Compatibility

### 6.180.5 Parameters

### 6.180.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.180.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Show NP6 non-zero subengine drop counters.
  fortios_hardware_npu_np6_dce:
    vdom: "{{ vdom }}"
    hardware_npu_np6_dce:
      dev_id: "<your_own_value>"
```

## 6.180.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.180.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.180.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.181 fortios\_hardware\_npu\_np6\_session\_stats – Show NP6 session offloading statistics counters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.181.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify hardware\_npu\_np6 feature and session\_stats category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.181.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.181.3 Tips

Using member operation to add an element to an existing object.

### 6.181.4 FortiOS Version Compatibility

### 6.181.5 Parameters

### 6.181.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.181.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Show NP6 session offloading statistics counters.
  fortios_hardware_npu_np6_session_stats:
    vdom: "{{ vdom }}"
    hardware_npu_np6_session_stats:
      dev_id: "<your_own_value>"
```

### 6.181.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.181.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.181.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.182 fortios\_hardware\_npu\_np6\_sse\_stats – Show NP6 hardware session statistics counters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.182.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify hardware\_npu\_np6 feature and sse\_stats category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.182.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.182.3 Tips

Using member operation to add an element to an existing object.

## 6.182.4 FortiOS Version Compatibility

## 6.182.5 Parameters

## 6.182.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.182.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Show NP6 hardware session statistics counters.
      fortios_hardware_npu_np6_sse_stats:
        vdom: "{{ vdom }}"
        hardware_npu_np6_sse_stats:
          dev_id: "<your_own_value>"
```

## 6.182.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.182.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.182.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.183 fortios\_icap\_profile – Configure ICAP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.183.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify icap feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.183.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.183.3 Tips

Using member operation to add an element to an existing object.

### 6.183.4 FortiOS Version Compatibility

### 6.183.5 Parameters

### 6.183.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.183.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure ICAP profiles.
  fortios_icap_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    icap_profile:
      response_204: "disable"
      size_limit_204: "1"
      chunk_encap: "disable"
      extension_feature: "scan-progress"
      file_transfer: "ssh"
      file_transfer_failure: "error"
```

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```

    file_transfer_path: "<your_own_value>"
    file_transfer_server: "<your_own_value> (source icap.server.name icap.server-
↪group.name)"
    icap_block_log: "disable"
    icap_headers:
      -
        base64_encoding: "disable"
        content: "<your_own_value>"
        id: "15"
        name: "default_name_16"
    methods: "delete"
    name: "default_name_18"
    preview: "disable"
    preview_data_length: "0"
    replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
    request: "disable"
    request_failure: "error"
    request_path: "<your_own_value>"
    request_server: "<your_own_value> (source icap.server.name icap.server-group.
↪name)"
    respmod_default_action: "forward"
    respmod_forward_rules:
      -
        action: "forward"
        header_group:
          -
            case_sensitivity: "disable"
            header: "<your_own_value>"
            header_name: "<your_own_value>"
            id: "33"
            host: "myhostname (source firewall.address.name firewall.addrgrp.name_
↪firewall.proxy-address.name)"
            http_resp_status_code:
              -
                code: "0"
                name: "default_name_37"
            response: "disable"
            response_failure: "error"
            response_path: "<your_own_value>"
            response_req_hdr: "disable"
            response_server: "<your_own_value> (source icap.server.name icap.server-group.
↪name)"
            scan_progress_interval: "10"
            streaming_content_bypass: "disable"
            timeout: "30"

```

### 6.183.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.183.9 Status

- This module is not guaranteed to have a backwards compatible interface.



## 6.183.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.184 fortios\_icap\_server – Configure ICAP servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.184.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify icap feature and server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.184.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.184.3 Tips

Using member operation to add an element to an existing object.

### 6.184.4 FortiOS Version Compatibility

### 6.184.5 Parameters

### 6.184.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.184.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure ICAP servers.
      fortios_icap_server:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        icap_server:
          addr_type: "ip4"
          fqdn: "<your_own_value>"
          healthcheck: "disable"
          healthcheck_service: "<your_own_value>"
          ip_address: "<your_own_value>"
          ip_version: "4"
          ip6_address: "<your_own_value>"
          max_connections: "100"
          name: "default_name_11"
          port: "1344"
          secure: "disable"
          ssl_cert: "<your_own_value> (source certificate.ca.name) "
```

### 6.184.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.184.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.184.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.185 fortios\_icap\_server\_group – Configure an ICAP server group consisting of multiple forward servers. Supports failover and load balancing in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.185.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify icap feature and server\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

---

**6.185. fortios\_icap\_server\_group – Configure an ICAP server group consisting of multiple forward servers. Supports failover and load balancing in Fortinet’s FortiOS and FortiGate.**

## 6.185.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.185.3 Tips

Using member operation to add an element to an existing object.

## 6.185.4 FortiOS Version Compatibility

## 6.185.5 Parameters

## 6.185.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.185.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure an ICAP server group consisting of multiple forward servers.
    ↪ Supports failover and load balancing.
    fortios_icap_server_group:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      icap_server_group:
        ldb_method: "weighted"
        name: "default_name_4"
        server_list:
          -
            name: "default_name_6 (source icap.server.name)"
            weight: "10"
```

## 6.185.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.185.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.185.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.186 fortios\_ips\_custom – Configure IPS custom signature in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.186.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.186.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.186.3 Tips

Using member operation to add an element to an existing object.

## 6.186.4 FortiOS Version Compatibility

## 6.186.5 Parameters

## 6.186.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.186.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS custom signature.
  fortios_ips_custom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    ips_custom:
      action: "pass"
      application: "<your_own_value>"
      comment: "Comment."
      location: "<your_own_value>"
      log: "disable"
      log_packet: "disable"
      os: "<your_own_value>"
      protocol: "<your_own_value>"
      rule_id: "0"
      severity: "<your_own_value>"
      sig_name: "<your_own_value>"
      signature: "<your_own_value>"
      status: "disable"
      tag: "<your_own_value>"
```

## 6.186.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.186.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.186.10 Authors

- Link Zheng (@chillancezen)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.187 fortios\_ips\_decoder – Configure IPS decoder in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.187.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and decoder category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.187.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.187.3 Tips

Using member operation to add an element to an existing object.

## 6.187.4 FortiOS Version Compatibility

## 6.187.5 Parameters

## 6.187.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.187.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS decoder.
  fortios_ips_decoder:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    ips_decoder:
      name: "default_name_3"
      parameter:
        -
          name: "default_name_5"
          value: "<your_own_value>"
```



## 6.187.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.187.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.187.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.188 fortios\_ips\_global – Configure IPS global parameter in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.188.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.188.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.188.3 Tips

Using member operation to add an element to an existing object.

## 6.188.4 FortiOS Version Compatibility

## 6.188.5 Parameters

## 6.188.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.188.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS global parameter.
  fortios_ips_global:
    vdom: "{{ vdom }}"
    ips_global:
      anomaly_mode: "periodical"
      cp_accel_mode: "none"
      database: "regular"
      deep_app_insp_db_limit: "0"
      deep_app_insp_timeout: "0"
      engine_count: "0"
      exclude_signatures: "none"
      fail_open: "enable"
```

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```

intelligent_mode: "enable"
ips_reserve_cpu: "disable"
ngfw_max_scan_range: "4096"
np_accel_mode: "none"
packet_log_queue_depth: "128"
session_limit_mode: "accurate"
skype_client_public_ipaddr: "<your_own_value>"
socket_size: "256"
sync_session_ttl: "enable"
tls_active_probe:
  interface: "<your_own_value> (source system.interface.name)"
  interface_select_method: "auto"
  source_ip: "84.230.14.43"
  source_ip6: "<your_own_value>"
  vdom: "<your_own_value> (source system.vdom.name)"
traffic_submit: "enable"

```

## 6.188.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.188.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.188.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.189 fortios\_ips\_rule – Configure IPS rules in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.189.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and rule category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.189.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.189.3 Tips

Using member operation to add an element to an existing object.

### 6.189.4 FortiOS Version Compatibility

### 6.189.5 Parameters

### 6.189.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.189.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPS rules.
      fortios_ips_rule:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        ips_rule:
          action: "pass"
          application: "<your_own_value>"
          date: "0"
          group: "<your_own_value>"
          location: "<your_own_value>"
          log: "disable"
          log_packet: "disable"
          metadata:
            -
              id: "11"
              metaid: "0"
              valueid: "0"
          name: "default_name_14"
          os: "<your_own_value>"
          rev: "0"
          rule_id: "0"
          service: "<your_own_value>"
          severity: "<your_own_value>"
          status: "disable"

```

## 6.189.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.189.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.189.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.190 fortios\_ips\_rule\_settings – Configure IPS rule setting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.190.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and rule\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.190.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.190.3 Tips

Using member operation to add an element to an existing object.

## 6.190.4 FortiOS Version Compatibility

## 6.190.5 Parameters

## 6.190.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.190.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS rule setting.
  fortios_ips_rule_settings:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    ips_rule_settings:
      id: "3"
```

## 6.190.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.190.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.190.10 Authors

- Link Zheng (@chillancezen)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.191 fortios\_ips\_sensor – Configure IPS sensor in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.191.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and sensor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.191.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.191.3 Tips

Using member operation to add an element to an existing object.

### 6.191.4 FortiOS Version Compatibility

### 6.191.5 Parameters

### 6.191.6 Notes



**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

**6.191.7 Examples**

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPS sensor.
      fortios_ips_sensor:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        ips_sensor:
          block_malicious_url: "disable"
          comment: "Comment."
          entries:
            -
              action: "pass"
              application: "<your_own_value>"
              cve:
                -
                  cve_entry: "<your_own_value>"
              default_action: "all"
              default_status: "all"
              exempt_ip:
                -
                  dst_ip: "<your_own_value>"
                  id: "14"
                  src_ip: "<your_own_value>"
              id: "16"
              last_modified: "<your_own_value>"
              location: "<your_own_value>"
              log: "disable"
              log_attack_context: "disable"
              log_packet: "disable"
              os: "<your_own_value>"
              protocol: "<your_own_value>"
              quarantine: "none"
              quarantine_expiry: "<your_own_value>"
              quarantine_log: "disable"
              rate_count: "0"
              rate_duration: "60"
              rate_mode: "periodical"
              rate_track: "none"
              rule:
                -
```

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```

        id: "32"
        severity: "<your_own_value>"
        status: "disable"
        vuln_type:
        -
            id: "36"
        extended_log: "enable"
        filter:
        -
            action: "pass"
            application: "<your_own_value>"
            location: "<your_own_value>"
            log: "disable"
            log_packet: "disable"
            name: "default_name_44"
            os: "<your_own_value>"
            protocol: "<your_own_value>"
            quarantine: "none"
            quarantine_expiry: "1073741823"
            quarantine_log: "disable"
            severity: "<your_own_value>"
            status: "disable"
        name: "default_name_52"
        override:
        -
            action: "pass"
            exempt_ip:
            -
                dst_ip: "<your_own_value>"
                id: "57"
                src_ip: "<your_own_value>"
            log: "disable"
            log_packet: "disable"
            quarantine: "none"
            quarantine_expiry: "1073741823"
            quarantine_log: "disable"
            rule_id: "2147483647"
            status: "disable"
        replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
        scan_botnet_connections: "disable"

```

### 6.191.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.191.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.191.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.192 fortios\_ips\_settings – Configure IPS VDOM parameter in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.192.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.192.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.192.3 Tips

Using member operation to add an element to an existing object.

## 6.192.4 FortiOS Version Compatibility

## 6.192.5 Parameters

## 6.192.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.192.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS VDOM parameter.
  fortios_ips_settings:
    vdom: "{{ vdom }}"
    ips_settings:
      ips_packet_quota: "0"
      packet_log_history: "1"
      packet_log_memory: "256"
      packet_log_post_attack: "0"
```

## 6.192.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.192.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.192.10 Authors

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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.193 fortios\_ips\_view\_map – Configure IPS view-map in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.193.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ips feature and view\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.193.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.193.3 Tips

Using member operation to add an element to an existing object.

## 6.193.4 FortiOS Version Compatibility

## 6.193.5 Parameters

## 6.193.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.193.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS view-map.
  fortios_ips_view_map:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    ips_view_map:
      id: "3"
      id_policy_id: "0"
      policy_id: "0"
      vdom_id: "0"
      which: "firewall"
```

## 6.193.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.193.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.193.10 Authors

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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.194 fortios\_log\_custom\_field – Configure custom log fields in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.194.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log feature and custom\_field category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.194.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.194.3 Tips

Using member operation to add an element to an existing object.

## 6.194.4 FortiOS Version Compatibility

## 6.194.5 Parameters

## 6.194.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.194.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom log fields.
  fortios_log_custom_field:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    log_custom_field:
      id: "3"
      name: "default_name_4"
      value: "<your_own_value>"
```

## 6.194.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.194.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.194.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.195 fortios\_log\_disk\_filter – Configure filters for local disk logging. Use these filters to determine the log messages to record according to severity and type in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.195.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_disk feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.195.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.195.3 Tips

Using member operation to add an element to an existing object.

## 6.195.4 FortiOS Version Compatibility

### 6.195.5 Parameters

### 6.195.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.195.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure filters for local disk logging. Use these filters to determine
    ↪the log messages to record according to severity and type.
    fortios_log_disk_filter:
      vdom: "{{ vdom }}"
      log_disk_filter:
        admin: "enable"
        anomaly: "enable"
        auth: "enable"
        cpu_memory_usage: "enable"
        dhcp: "enable"
        dlp_archive: "enable"
        dns: "enable"
        event: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        free_style:
          -
            category: "traffic"
            filter: "<your_own_value>"
            filter_type: "include"
            id: "18"
        gtp: "enable"
        ha: "enable"
        ipsec: "enable"
        ldb_monitor: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        netscan_discovery: "<your_own_value>"
        netscan_vulnerability: "<your_own_value>"
        notification: "enable"
```

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```

pattern: "enable"
ppp: "enable"
radius: "enable"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
sslvpn_log_adm: "enable"
sslvpn_log_auth: "enable"
sslvpn_log_session: "enable"
system: "enable"
vip_ssl: "enable"
voip: "enable"
wan_opt: "enable"
wireless_activity: "enable"
zttna_traffic: "enable"

```

### 6.195.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.195.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.195.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.196 fortios\_log\_disk\_setting – Settings for local disk logging in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.196.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_disk feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.196.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.196.3 Tips

Using member operation to add an element to an existing object.

### 6.196.4 FortiOS Version Compatibility

### 6.196.5 Parameters

### 6.196.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.196.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Settings for local disk logging.
  fortios_log_disk_setting:
    vdom: "{{ vdom }}"
    log_disk_setting:
      diskfull: "overwrite"
      dlp_archive_quota: "0"
      full_final_warning_threshold: "95"
      full_first_warning_threshold: "75"
      full_second_warning_threshold: "90"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      log_quota: "0"
      max_log_file_size: "20"
      max_policy_packet_capture_size: "100"
      maximum_log_age: "7"
      report_quota: "0"
      roll_day: "sunday"
      roll_schedule: "daily"
      roll_time: "<your_own_value>"
      source_ip: "84.230.14.43"
      status: "enable"
      upload: "enable"
      upload_delete_files: "enable"
      upload_destination: "ftp-server"
      upload_ssl_conn: "default"
      uploadaddr: "<your_own_value>"
      uploadip: "<your_own_value>"
      uploadpass: "<your_own_value>"
      uploadport: "21"
      uploadsched: "disable"
      uploadtime: "<your_own_value>"
      uploadtype: "traffic"
      uploaduser: "<your_own_value>"

```

## 6.196.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.196.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.196.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.197 fortios\_log\_eventfilter – Configure log event filters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.197.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log feature and eventfilter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.197.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.197.3 Tips

Using member operation to add an element to an existing object.

## 6.197.4 FortiOS Version Compatibility

## 6.197.5 Parameters

## 6.197.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.197.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure log event filters.
  fortios_log_eventfilter:
    vdom: "{{ vdom }}"
    log_eventfilter:
      cifs: "enable"
      compliance_check: "enable"
      connector: "enable"
      endpoint: "enable"
      event: "enable"
      fortiextender: "enable"
      ha: "enable"
      rest_api: "enable"
      router: "enable"
      sdwan: "enable"
      security_rating: "enable"
      switch_controller: "enable"
      system: "enable"
      user: "enable"
      vpn: "enable"
      wan_opt: "enable"
      wireless_activity: "enable"
```

## 6.197.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.197.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.197.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.198 fortios\_log\_fortianalyzer2\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.198.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer2 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.198.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.198.3 Tips

Using member operation to add an element to an existing object.

## 6.198.4 FortiOS Version Compatibility

## 6.198.5 Parameters

## 6.198.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.198.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Filters for FortiAnalyzer.
  fortios_log_fortianalyzer2_filter:
    vdom: "{{ vdom }}"
    log_fortianalyzer2_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "13"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
```

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```
netscan_discovery: "<your_own_value>"
netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
zttna_traffic: "enable"
```

### 6.198.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.198.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.198.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.199 fortios\_log\_fortianalyzer2\_override\_filter – Override filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.199.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer2 feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.199.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.199.3 Tips

Using member operation to add an element to an existing object.

### 6.199.4 FortiOS Version Compatibility

### 6.199.5 Parameters

### 6.199.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.199.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Override filters for FortiAnalyzer.
    fortios_log_fortianalyzer2_override_filter:
      vdom: "{{ vdom }}"
```

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```
log_fortianalyzer2_override_filter:
  anomaly: "enable"
  dlp_archive: "enable"
  filter: "<your_own_value>"
  filter_type: "include"
  forward_traffic: "enable"
  free_style:
    -
      category: "traffic"
      filter: "<your_own_value>"
      filter_type: "include"
      id: "12"
  gtp: "enable"
  local_traffic: "enable"
  multicast_traffic: "enable"
  severity: "emergency"
  sniffer_traffic: "enable"
  voip: "enable"
  ztna_traffic: "enable"
```

### 6.199.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.199.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.199.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.200 fortios\_log\_fortianalyzer2\_override\_setting – Override Forti-Analyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.200.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer2 feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.200.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.200.3 Tips

Using member operation to add an element to an existing object.

### 6.200.4 FortiOS Version Compatibility

### 6.200.5 Parameters

### 6.200.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.200.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override FortiAnalyzer settings.
  fortios_log_fortianalyzer2_override_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer2_override_setting:
      __change_ip: "127"
      access_config: "enable"
      certificate: "<your_own_value> (source certificate.local.name)"
      certificate_verification: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      faz_type: "2147483647"
      hmac_algorithm: "sha256"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      max_log_rate: "0"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "5"
      monitor_keepalive_period: "5"
      override: "enable"
      preshared_key: "<your_own_value>"
      priority: "default"
      reliable: "enable"
      serial:
        -
          name: "default_name_23"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          ssl_min_proto_version: "default"
          status: "enable"
          upload_day: "<your_own_value>"
          upload_interval: "daily"
          upload_option: "store-and-upload"
          upload_time: "<your_own_value>"
          use_management_vdom: "enable"
```

## 6.200.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.200.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.200.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.201 fortios\_log\_fortianalyzer2\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.201.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer2 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.201.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible<=2.9

### 6.201.3 Tips

Using member operation to add an element to an existing object.

### 6.201.4 FortiOS Version Compatibility

### 6.201.5 Parameters

### 6.201.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.201.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global FortiAnalyzer settings.
  fortios_log_fortianalyzer2_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer2_setting:
      __change_ip: "127"
      access_config: "enable"
      certificate: "<your_own_value> (source certificate.local.name)"
      certificate_verification: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      faz_type: "2147483647"
      hmac_algorithm: "sha256"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      max_log_rate: "0"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "5"
      monitor_keepalive_period: "5"
      preshared_key: "<your_own_value>"
      priority: "default"
      reliable: "enable"
      serial:
        -
          name: "default_name_22"
      server: "192.168.100.40"
```

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```

source_ip: "84.230.14.43"
ssl_min_proto_version: "default"
status: "enable"
upload_day: "<your_own_value>"
upload_interval: "daily"
upload_option: "store-and-upload"
upload_time: "<your_own_value>"

```

## 6.201.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.201.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.201.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.202 fortios\_log\_fortianalyzer3\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.202.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer3 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.202.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.202.3 Tips

Using member operation to add an element to an existing object.

## 6.202.4 FortiOS Version Compatibility

## 6.202.5 Parameters

## 6.202.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.202.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for FortiAnalyzer.
  fortios_log_fortianalyzer3_filter:
    vdom: "{{ vdom }}"
```

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```

log_fortianalyzer3_filter:
  anomaly: "enable"
  dlp_archive: "enable"
  dns: "enable"
  filter: "<your_own_value>"
  filter_type: "include"
  forward_traffic: "enable"
  free_style:
    -
      category: "traffic"
      filter: "<your_own_value>"
      filter_type: "include"
      id: "13"
  gtp: "enable"
  local_traffic: "enable"
  multicast_traffic: "enable"
  netscan_discovery: "<your_own_value>"
  netscan_vulnerability: "<your_own_value>"
  severity: "emergency"
  sniffer_traffic: "enable"
  ssh: "enable"
  voip: "enable"
  ztna_traffic: "enable"

```

## 6.202.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.202.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.202.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.203 fortios\_log\_fortianalyzer3\_override\_filter – Override filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.203.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer3 feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.203.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.203.3 Tips

Using member operation to add an element to an existing object.

### 6.203.4 FortiOS Version Compatibility

### 6.203.5 Parameters

### 6.203.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.203.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for FortiAnalyzer.
  fortios_log_fortianalyzer3_override_filter:
    vdom: "{{ vdom }}"
    log_fortianalyzer3_override_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "12"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      severity: "emergency"
      sniffer_traffic: "enable"
      voip: "enable"
      ztna_traffic: "enable"
```

## 6.203.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.203.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.203.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.204 fortios\_log\_fortianalyzer3\_override\_setting – Override Forti-Analyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.204.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer3 feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.204.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.204.3 Tips

Using member operation to add an element to an existing object.

## 6.204.4 FortiOS Version Compatibility

## 6.204.5 Parameters

## 6.204.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.204.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override FortiAnalyzer settings.
  fortios_log_fortianalyzer3_override_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer3_override_setting:
      __change_ip: "127"
      access_config: "enable"
      certificate: "<your_own_value> (source certificate.local.name)"
      certificate_verification: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      faz_type: "2147483647"
      hmac_algorithm: "sha256"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      max_log_rate: "0"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "5"
      monitor_keepalive_period: "5"
      override: "enable"
      preshared_key: "<your_own_value>"
      priority: "default"
      reliable: "enable"
      serial:
        -
          name: "default_name_23"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          ssl_min_proto_version: "default"
          status: "enable"
          upload_day: "<your_own_value>"
```

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```
upload_interval: "daily"
upload_option: "store-and-upload"
upload_time: "<your_own_value>"
use_management_vdom: "enable"
```

## 6.204.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.204.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.204.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.205 fortios\_log\_fortianalyzer3\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*



- *Status*
- *Authors*

## 6.205.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer3 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.205.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.205.3 Tips

Using member operation to add an element to an existing object.

## 6.205.4 FortiOS Version Compatibility

## 6.205.5 Parameters

## 6.205.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.205.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Global FortiAnalyzer settings.
      fortios_log_fortianalyzer3_setting:
        vdom: "{{ vdom }}"
        log_fortianalyzer3_setting:
          __change_ip: "127"
          access_config: "enable"
```

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```
certificate: "<your_own_value> (source certificate.local.name) "  
certificate_verification: "enable"  
conn_timeout: "10"  
enc_algorithm: "high-medium"  
faz_type: "2147483647"  
hmac_algorithm: "sha256"  
interface: "<your_own_value> (source system.interface.name) "  
interface_select_method: "auto"  
ips_archive: "enable"  
max_log_rate: "0"  
mgmt_name: "<your_own_value>"  
monitor_failure_retry_period: "5"  
monitor_keepalive_period: "5"  
preshared_key: "<your_own_value>"  
priority: "default"  
reliable: "enable"  
serial:  
  -  
    name: "default_name_22"  
server: "192.168.100.40"  
source_ip: "84.230.14.43"  
ssl_min_proto_version: "default"  
status: "enable"  
upload_day: "<your_own_value>"  
upload_interval: "daily"  
upload_option: "store-and-upload"  
upload_time: "<your_own_value>"
```

## 6.205.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.205.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.205.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.206 fortios\_log\_fortianalyzer\_cloud\_filter – Filters for FortiAnalyzer Cloud in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.206.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer\_cloud feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.206.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.206.3 Tips

Using member operation to add an element to an existing object.

### 6.206.4 FortiOS Version Compatibility

### 6.206.5 Parameters

### 6.206.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.206.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for FortiAnalyzer Cloud.
  fortios_log_fortianalyzer_cloud_filter:
    vdom: "{{ vdom }}"
    log_fortianalyzer_cloud_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "13"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
      netscan_vulnerability: "<your_own_value>"
      severity: "emergency"
      sniffer_traffic: "enable"
      ssh: "enable"
      voip: "enable"
      ztna_traffic: "enable"
```

## 6.206.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.206.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.206.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.207 fortios\_log\_fortianalyzer\_cloud\_override\_filter – Override filters for FortiAnalyzer Cloud in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.207.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer\_cloud feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.207.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.207.3 Tips

Using member operation to add an element to an existing object.

## 6.207.4 FortiOS Version Compatibility

## 6.207.5 Parameters

## 6.207.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.207.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for FortiAnalyzer Cloud.
  fortios_log_fortianalyzer_cloud_override_filter:
    vdom: "{{ vdom }}"
    log_fortianalyzer_cloud_override_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "13"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
      netscan_vulnerability: "<your_own_value>"
      severity: "emergency"
      sniffer_traffic: "enable"
      ssh: "enable"
      voip: "enable"
      ztna_traffic: "enable"
```

## 6.207.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.207.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.207.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.208 fortios\_log\_fortianalyzer\_cloud\_override\_setting – Override FortiAnalyzer Cloud settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.208.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer\_cloud feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.208.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.208.3 Tips

Using member operation to add an element to an existing object.

## 6.208.4 FortiOS Version Compatibility

## 6.208.5 Parameters

## 6.208.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.208.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override FortiAnalyzer Cloud settings.
  fortios_log_fortianalyzer_cloud_override_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer_cloud_override_setting:
      faz_type: "2147483647"
      override: "enable"
      status: "enable"
```

## 6.208.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.208.9 Status

- This module is not guaranteed to have a backwards compatible interface.



## 6.208.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.209 fortios\_log\_fortianalyzer\_cloud\_setting – Global FortiAnalyzer Cloud settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.209.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer\_cloud feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.209.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.209.3 Tips

Using member operation to add an element to an existing object.

### 6.209.4 FortiOS Version Compatibility

### 6.209.5 Parameters

### 6.209.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.209.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global FortiAnalyzer Cloud settings.
  fortios_log_fortianalyzer_cloud_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer_cloud_setting:
      __change_ip: "127"
      access_config: "enable"
      certificate: "<your_own_value> (source certificate.local.name)"
      certificate_verification: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      faz_type: "2147483647"
      hmac_algorithm: "sha256"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      max_log_rate: "0"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "5"
      monitor_keepalive_period: "5"
      preshared_key: "<your_own_value>"
      priority: "default"
      serial:
        -
          name: "default_name_21"
          source_ip: "84.230.14.43"
          ssl_min_proto_version: "default"
```

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```

status: "enable"
upload_day: "<your_own_value>"
upload_interval: "daily"
upload_option: "store-and-upload"
upload_time: "<your_own_value>"

```

## 6.209.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.209.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.209.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.210 fortios\_log\_fortianalyzer\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.210.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.210.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.210.3 Tips

Using member operation to add an element to an existing object.

## 6.210.4 FortiOS Version Compatibility

## 6.210.5 Parameters

## 6.210.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.210.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for FortiAnalyzer.
  fortios_log_fortianalyzer_filter:
    vdom: "{{ vdom }}"
    log_fortianalyzer_filter:
      anomaly: "enable"
      dlp_archive: "enable"
```

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```

dns: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
free_style:
  -
    category: "traffic"
    filter: "<your_own_value>"
    filter_type: "include"
    id: "13"
gtp: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
netscan_discovery: "<your_own_value>"
netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
zttna_traffic: "enable"

```

## 6.210.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.210.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.210.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.211 fortios\_log\_fortianalyzer\_override\_filter – Override filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.211.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.211.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.211.3 Tips

Using member operation to add an element to an existing object.

### 6.211.4 FortiOS Version Compatibility

### 6.211.5 Parameters

### 6.211.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.211.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Override filters for FortiAnalyzer.
      fortios_log_fortianalyzer_override_filter:
        vdom: "{{ vdom }}"
        log_fortianalyzer_override_filter:
          anomaly: "enable"
          dlp_archive: "enable"
          dns: "enable"
          filter: "<your_own_value>"
          filter_type: "include"
          forward_traffic: "enable"
          free_style:
            -
              category: "traffic"
              filter: "<your_own_value>"
              filter_type: "include"
              id: "13"
          gtp: "enable"
          local_traffic: "enable"
          multicast_traffic: "enable"
          netscan_discovery: "<your_own_value>"
          netscan_vulnerability: "<your_own_value>"
          severity: "emergency"
          sniffer_traffic: "enable"
          ssh: "enable"
          voip: "enable"
          ztna_traffic: "enable"

```

### 6.211.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.211.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.211.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.212 fortios\_log\_fortianalyzer\_override\_setting – Override FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.212.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.212.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.212.3 Tips

Using member operation to add an element to an existing object.



## 6.212.4 FortiOS Version Compatibility

## 6.212.5 Parameters

## 6.212.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.212.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override FortiAnalyzer settings.
  fortios_log_fortianalyzer_override_setting:
    vdom: "{{ vdom }}"
    log_fortianalyzer_override_setting:
      __change_ip: "127"
      access_config: "enable"
      certificate: "<your_own_value> (source certificate.local.name)"
      certificate_verification: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      faz_type: "2147483647"
      hmac_algorithm: "sha256"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ips_archive: "enable"
      max_log_rate: "0"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "5"
      monitor_keepalive_period: "5"
      override: "enable"
      preshared_key: "<your_own_value>"
      priority: "default"
      reliable: "enable"
      serial:
        -
          name: "default_name_23"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          ssl_min_proto_version: "default"
          status: "enable"
          upload_day: "<your_own_value>"
```

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```
upload_interval: "daily"
upload_option: "store-and-upload"
upload_time: "<your_own_value>"
use_management_vdom: "enable"
```

### 6.212.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.212.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.212.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.213 fortios\_log\_fortianalyzer\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.213.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortianalyzer feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.213.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.213.3 Tips

Using member operation to add an element to an existing object.

### 6.213.4 FortiOS Version Compatibility

### 6.213.5 Parameters

### 6.213.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.213.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Global FortiAnalyzer settings.
      fortios_log_fortianalyzer_setting:
        vdom: "{{ vdom }}"
        log_fortianalyzer_setting:
          __change_ip: "127"
          access_config: "enable"
```

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```
certificate: "<your_own_value> (source certificate.local.name) "  
certificate_verification: "enable"  
conn_timeout: "10"  
enc_algorithm: "high-medium"  
faz_type: "2147483647"  
hmac_algorithm: "sha256"  
interface: "<your_own_value> (source system.interface.name) "  
interface_select_method: "auto"  
ips_archive: "enable"  
max_log_rate: "0"  
mgmt_name: "<your_own_value>"  
monitor_failure_retry_period: "5"  
monitor_keepalive_period: "5"  
preshared_key: "<your_own_value>"  
priority: "default"  
reliable: "enable"  
serial:  
  -  
    name: "default_name_22"  
server: "192.168.100.40"  
source_ip: "84.230.14.43"  
ssl_min_proto_version: "default"  
status: "enable"  
upload_day: "<your_own_value>"  
upload_interval: "daily"  
upload_option: "store-and-upload"  
upload_time: "<your_own_value>"
```

## 6.213.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.213.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.213.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.214 fortios\_log\_fortiguard\_filter – Filters for FortiCloud in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.214.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortiguard feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.214.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.214.3 Tips

Using member operation to add an element to an existing object.

### 6.214.4 FortiOS Version Compatibility

### 6.214.5 Parameters

### 6.214.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.214.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for FortiCloud.
  fortios_log_fortiguard_filter:
    vdom: "{{ vdom }}"
    log_fortiguard_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "13"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
      netscan_vulnerability: "<your_own_value>"
      severity: "emergency"
      sniffer_traffic: "enable"
      ssh: "enable"
      voip: "enable"
      ztna_traffic: "enable"
```

## 6.214.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.214.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.214.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.215 fortios\_log\_fortiguard\_override\_filter – Override filters for FortiCloud in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.215.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortiguard feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.215.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.215.3 Tips

Using member operation to add an element to an existing object.

## 6.215.4 FortiOS Version Compatibility

### 6.215.5 Parameters

### 6.215.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.215.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for FortiCloud.
  fortios_log_fortiguard_override_filter:
    vdom: "{{ vdom }}"
    log_fortiguard_override_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "13"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
      netscan_vulnerability: "<your_own_value>"
      severity: "emergency"
      sniffer_traffic: "enable"
      ssh: "enable"
      voip: "enable"
      ztna_traffic: "enable"
```

### 6.215.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.215.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.215.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.216 fortios\_log\_fortiguard\_override\_setting – Override global FortiCloud logging settings for this VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.216.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortiguard feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.216.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.216.3 Tips

Using member operation to add an element to an existing object.

## 6.216.4 FortiOS Version Compatibility

## 6.216.5 Parameters

## 6.216.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.216.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override global FortiCloud logging settings for this VDOM.
  fortios_log_fortiguard_override_setting:
    vdom: "{{ vdom }}"
    log_fortiguard_override_setting:
      access_config: "enable"
      max_log_rate: "0"
      override: "enable"
      priority: "default"
      status: "enable"
      upload_day: "<your_own_value>"
      upload_interval: "daily"
      upload_option: "store-and-upload"
      upload_time: "<your_own_value>"
```

## 6.216.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.216.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.216.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.217 fortios\_log\_fortiguard\_setting – Configure logging to FortiCloud in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.217.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_fortiguard feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.217.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.217.3 Tips

Using member operation to add an element to an existing object.

## 6.217.4 FortiOS Version Compatibility

## 6.217.5 Parameters

## 6.217.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.217.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure logging to FortiCloud.
  fortios_log_fortiguard_setting:
    vdom: "{{ vdom }}"
    log_fortiguard_setting:
      access_config: "enable"
      conn_timeout: "10"
      enc_algorithm: "high-medium"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      priority: "default"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      upload_day: "<your_own_value>"
      upload_interval: "daily"
      upload_option: "store-and-upload"
      upload_time: "<your_own_value>"
```

## 6.217.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.217.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.217.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.218 fortios\_log\_gui\_display – Configure how log messages are displayed on the GUI in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.218.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log feature and gui\_display category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.218.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.218.3 Tips

Using member operation to add an element to an existing object.

## 6.218.4 FortiOS Version Compatibility

## 6.218.5 Parameters

## 6.218.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.218.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure how log messages are displayed on the GUI.
  fortios_log_gui_display:
    vdom: "{{ vdom }}"
    log_gui_display:
      fortiview_unscanned_apps: "enable"
      resolve_apps: "enable"
      resolve_hosts: "enable"
```

## 6.218.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.218.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.218.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.219 fortios\_log\_memory\_filter – Filters for memory buffer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.219.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_memory feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.219.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.219.3 Tips

Using member operation to add an element to an existing object.

## 6.219.4 FortiOS Version Compatibility

## 6.219.5 Parameters

## 6.219.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.219.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for memory buffer.
  fortios_log_memory_filter:
    vdom: "{{ vdom }}"
    log_memory_filter:
      admin: "enable"
      anomaly: "enable"
      auth: "enable"
      cpu_memory_usage: "enable"
      dhcp: "enable"
      dns: "enable"
      event: "enable"
      filter: "<your_own_value>"
```

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```

filter_type: "include"
forward_traffic: "enable"
free_style:
-
  category: "traffic"
  filter: "<your_own_value>"
  filter_type: "include"
  id: "17"
gtp: "enable"
ha: "enable"
ipsec: "enable"
ldb_monitor: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
netscan_discovery: "<your_own_value>"
netscan_vulnerability: "<your_own_value>"
notification: "enable"
pattern: "enable"
ppp: "enable"
radius: "enable"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
sslvpn_log_adm: "enable"
sslvpn_log_auth: "enable"
sslvpn_log_session: "enable"
system: "enable"
vip_ssl: "enable"
voip: "enable"
wan_opt: "enable"
wireless_activity: "enable"
zttna_traffic: "enable"

```

## 6.219.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.219.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.219.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.220 fortios\_log\_memory\_global\_setting – Global settings for memory logging in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.220.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_memory feature and global\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.220.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.220.3 Tips

Using member operation to add an element to an existing object.

### 6.220.4 FortiOS Version Compatibility

### 6.220.5 Parameters

### 6.220.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.220.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for memory logging.
  fortios_log_memory_global_setting:
    vdom: "{{ vdom }}"
    log_memory_global_setting:
      full_final_warning_threshold: "95"
      full_first_warning_threshold: "75"
      full_second_warning_threshold: "90"
      max_size: "21052579"
```

## 6.220.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.220.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.220.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.221 fortios\_log\_memory\_setting – Settings for memory buffer in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.221.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_memory feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.221.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.221.3 Tips

Using member operation to add an element to an existing object.

### 6.221.4 FortiOS Version Compatibility

### 6.221.5 Parameters

### 6.221.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.221.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for memory buffer.
  fortios_log_memory_setting:
    vdom: "{{ vdom }}"
    log_memory_setting:
      diskfull: "overwrite"
      status: "enable"
```

## 6.221.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.221.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.221.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.222 fortios\_log\_null\_device\_filter – Filters for null device logging in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.222.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_null\_device feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.222.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.222.3 Tips

Using member operation to add an element to an existing object.

### 6.222.4 FortiOS Version Compatibility

### 6.222.5 Parameters

### 6.222.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.222.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Filters for null device logging.
      fortios_log_null_device_filter:
        vdom: "{{ vdom }}"
        log_null_device_filter:
          anomaly: "enable"
          dns: "enable"
          filter: "<your_own_value>"
          filter_type: "include"
          forward_traffic: "enable"
          free_style:
            -
              category: "traffic"
              filter: "<your_own_value>"
              filter_type: "include"
              id: "12"
          gtp: "enable"
          local_traffic: "enable"
          multicast_traffic: "enable"
          netscan_discovery: "<your_own_value>"
          netscan_vulnerability: "<your_own_value>"
          severity: "emergency"
          sniffer_traffic: "enable"
          ssh: "enable"
          voip: "enable"
          ztna_traffic: "enable"

```

## 6.222.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.222.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.222.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.223 fortios\_log\_null\_device\_setting – Settings for null device logging in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.223.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_null\_device feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.223.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.223.3 Tips

Using member operation to add an element to an existing object.



## 6.223.4 FortiOS Version Compatibility

## 6.223.5 Parameters

## 6.223.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.223.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for null device logging.
  fortios_log_null_device_setting:
    vdom: "{{ vdom }}"
    log_null_device_setting:
      status: "enable"
```

## 6.223.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.223.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.223.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.224 fortios\_log\_setting – Configure general log settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.224.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.224.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.224.3 Tips

Using member operation to add an element to an existing object.

### 6.224.4 FortiOS Version Compatibility

### 6.224.5 Parameters

### 6.224.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.224.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure general log settings.
  fortios_log_setting:
    vdom: "{{ vdom }}"
    log_setting:
      anonymization_hash: "<your_own_value>"
      brief_traffic_format: "enable"
      custom_log_fields:
        -
          field_id: "<your_own_value> (source log.custom-field.id)"
      daemon_log: "enable"
      expolicy_implicit_log: "enable"
      faz_override: "enable"
      fortiview_weekly_data: "enable"
      fwpolicy_implicit_log: "enable"
      fwpolicy6_implicit_log: "enable"
      local_in_allow: "enable"
      local_in_deny_broadcast: "enable"
      local_in_deny_unicast: "enable"
      local_out: "enable"
      local_out_ioc_detection: "enable"
      log_invalid_packet: "enable"
      log_policy_comment: "enable"
      log_policy_name: "enable"
      log_user_in_upper: "enable"
      neighbor_event: "enable"
      resolve_ip: "enable"
      resolve_port: "enable"
      rest_api_get: "enable"
      rest_api_set: "enable"
      syslog_override: "enable"
      user_anonymize: "enable"
```

## 6.224.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.224.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.224.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.225 fortios\_log\_syslogd2\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.225.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd2 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.225.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.225.3 Tips

Using member operation to add an element to an existing object.

## 6.225.4 FortiOS Version Compatibility

## 6.225.5 Parameters

## 6.225.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.225.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for remote system server.
  fortios_log_syslogd2_filter:
    vdom: "{{ vdom }}"
    log_syslogd2_filter:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "12"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
```

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```
netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
ztna_traffic: "enable"
```

## 6.225.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.225.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.225.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.226 fortios\_log\_syslogd2\_override\_filter – Override filters for remote system server in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.226.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd2 feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.226.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.226.3 Tips

Using member operation to add an element to an existing object.

## 6.226.4 FortiOS Version Compatibility

## 6.226.5 Parameters

## 6.226.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.226.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Override filters for remote system server.
      fortios_log_syslogd2_override_filter:
        vdom: "{{ vdom }}"
        log_syslogd2_override_filter:
```

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```
anomaly: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
free_style:
  -
    category: "traffic"
    filter: "<your_own_value>"
    filter_type: "include"
    id: "11"
gtp: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
severity: "emergency"
sniffer_traffic: "enable"
voip: "enable"
ztna_traffic: "enable"
```

### 6.226.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.226.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.226.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.227 fortios\_log\_syslogd2\_override\_setting – Override settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.227.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd2 feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.227.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.227.3 Tips

Using member operation to add an element to an existing object.

### 6.227.4 FortiOS Version Compatibility

### 6.227.5 Parameters

### 6.227.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.227.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override settings for remote syslog server.
  fortios_log_syslogd2_override_setting:
    vdom: "{{ vdom }}"
    log_syslogd2_override_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      override: "enable"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.227.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.227.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.227.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.228 fortios\_log\_syslogd2\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.228.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd2 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.228.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.228.3 Tips

Using member operation to add an element to an existing object.

## 6.228.4 FortiOS Version Compatibility

## 6.228.5 Parameters

## 6.228.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.228.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for remote syslog server.
  fortios_log_syslogd2_setting:
    vdom: "{{ vdom }}"
    log_syslogd2_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.228.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.228.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.228.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.229 fortios\_log\_syslogd3\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.229.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd3 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.229.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.229.3 Tips

Using member operation to add an element to an existing object.

## 6.229.4 FortiOS Version Compatibility

## 6.229.5 Parameters

## 6.229.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.229.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for remote system server.
  fortios_log_syslogd3_filter:
    vdom: "{{ vdom }}"
    log_syslogd3_filter:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "12"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
```

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```

netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
ztna_traffic: "enable"

```

### 6.229.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.229.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.229.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.230 fortios\_log\_syslogd3\_override\_filter – Override filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.230.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd3 feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.230.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.230.3 Tips

Using member operation to add an element to an existing object.

## 6.230.4 FortiOS Version Compatibility

## 6.230.5 Parameters

## 6.230.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.230.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Override filters for remote system server.
    fortios_log_syslogd3_override_filter:
      vdom: "{{ vdom }}"
      log_syslogd3_override_filter:
```

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```

anomaly: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
free_style:
  -
    category: "traffic"
    filter: "<your_own_value>"
    filter_type: "include"
    id: "11"
gtp: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
severity: "emergency"
sniffer_traffic: "enable"
voip: "enable"
ztna_traffic: "enable"

```

### 6.230.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.230.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.230.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.231 fortios\_log\_syslogd3\_override\_setting – Override settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.231.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd3 feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.231.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.231.3 Tips

Using member operation to add an element to an existing object.

### 6.231.4 FortiOS Version Compatibility

### 6.231.5 Parameters

### 6.231.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.231.7 Examples

```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override settings for remote syslog server.
  fortios_log_syslogd3_override_setting:
    vdom: "{{ vdom }}"
    log_syslogd3_override_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      override: "enable"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"

```

## 6.231.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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## 6.231.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.232 fortios\_log\_syslogd3\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.232.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd3 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.232.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.232.3 Tips

Using member operation to add an element to an existing object.

## 6.232.4 FortiOS Version Compatibility

## 6.232.5 Parameters

## 6.232.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.232.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for remote syslog server.
  fortios_log_syslogd3_setting:
    vdom: "{{ vdom }}"
    log_syslogd3_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.232.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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- This module is not guaranteed to have a backwards compatible interface.

## 6.232.10 Authors

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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.233 fortios\_log\_syslogd4\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.233.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd4 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.233.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.233.3 Tips

Using member operation to add an element to an existing object.

## 6.233.4 FortiOS Version Compatibility

## 6.233.5 Parameters

## 6.233.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.233.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for remote system server.
  fortios_log_syslogd4_filter:
    vdom: "{{ vdom }}"
    log_syslogd4_filter:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "12"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
```

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```
netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
ztna_traffic: "enable"
```

### 6.233.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.233.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.233.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.234 fortios\_log\_syslogd4\_override\_filter – Override filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*



- *Return Values*
- *Status*
- *Authors*

### 6.234.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd4 feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.234.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.234.3 Tips

Using member operation to add an element to an existing object.

### 6.234.4 FortiOS Version Compatibility

### 6.234.5 Parameters

### 6.234.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.234.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Override filters for remote system server.
      fortios_log_syslogd4_override_filter:
        vdom: "{{ vdom }}"
        log_syslogd4_override_filter:
```

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```
anomaly: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
free_style:
  -
    category: "traffic"
    filter: "<your_own_value>"
    filter_type: "include"
    id: "11"
gtp: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
severity: "emergency"
sniffer_traffic: "enable"
voip: "enable"
ztna_traffic: "enable"
```

### 6.234.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.234.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.234.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.235 fortios\_log\_syslogd4\_override\_setting – Override settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.235.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd4 feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.235.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.235.3 Tips

Using member operation to add an element to an existing object.

### 6.235.4 FortiOS Version Compatibility

### 6.235.5 Parameters

### 6.235.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.235.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override settings for remote syslog server.
  fortios_log_syslogd4_override_setting:
    vdom: "{{ vdom }}"
    log_syslogd4_override_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      override: "enable"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.235.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.235.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.235.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.236 fortios\_log\_syslogd4\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.236.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd4 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.236.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.236.3 Tips

Using member operation to add an element to an existing object.

## 6.236.4 FortiOS Version Compatibility

## 6.236.5 Parameters

## 6.236.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.236.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for remote syslog server.
  fortios_log_syslogd4_setting:
    vdom: "{{ vdom }}"
    log_syslogd4_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.236.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.236.9 Status

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## 6.236.10 Authors

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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.237 fortios\_log\_syslogd\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.237.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.237.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.237.3 Tips

Using member operation to add an element to an existing object.

## 6.237.4 FortiOS Version Compatibility

## 6.237.5 Parameters

## 6.237.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.237.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Filters for remote system server.
  fortios_log_syslogd_filter:
    vdom: "{{ vdom }}"
    log_syslogd_filter:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      free_style:
        -
          category: "traffic"
          filter: "<your_own_value>"
          filter_type: "include"
          id: "12"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      netscan_discovery: "<your_own_value>"
```

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```

netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
ztna_traffic: "enable"

```

### 6.237.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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### 6.237.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.238 fortios\_log\_syslogd\_override\_filter – Override filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.238.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd feature and override\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.238.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.238.3 Tips

Using member operation to add an element to an existing object.

## 6.238.4 FortiOS Version Compatibility

## 6.238.5 Parameters

## 6.238.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.238.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for remote system server.
  fortios_log_syslogd_override_filter:
    vdom: "{{ vdom }}"
    log_syslogd_override_filter:
```

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```

anomaly: "enable"
dns: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
free_style:
-
    category: "traffic"
    filter: "<your_own_value>"
    filter_type: "include"
    id: "12"
gtp: "enable"
local_traffic: "enable"
multicast_traffic: "enable"
netscan_discovery: "<your_own_value>"
netscan_vulnerability: "<your_own_value>"
severity: "emergency"
sniffer_traffic: "enable"
ssh: "enable"
voip: "enable"
ztna_traffic: "enable"

```

## 6.238.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.238.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.238.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.239 fortios\_log\_syslogd\_override\_setting – Override settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.239.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd feature and override\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.239.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.239.3 Tips

Using member operation to add an element to an existing object.

### 6.239.4 FortiOS Version Compatibility

### 6.239.5 Parameters

### 6.239.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.239.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override settings for remote syslog server.
  fortios_log_syslogd_override_setting:
    vdom: "{{ vdom }}"
    log_syslogd_override_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      override: "enable"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.239.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.239.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.239.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.240 fortios\_log\_syslogd\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.240.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_syslogd feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.240.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.240.3 Tips

Using member operation to add an element to an existing object.

## 6.240.4 FortiOS Version Compatibility

## 6.240.5 Parameters

## 6.240.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.240.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for remote syslog server.
  fortios_log_syslogd_setting:
    vdom: "{{ vdom }}"
    log_syslogd_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
        -
          custom: "<your_own_value>"
          id: "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      max_log_rate: "0"
      mode: "udp"
      port: "514"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
      syslog_type: "2147483647"
```

## 6.240.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.240.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.240.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.241 fortios\_log\_tacacsplusaccounting2\_filter – Settings for TACACS+ accounting events filter in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.241.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting2 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.241.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.241.3 Tips

Using member operation to add an element to an existing object.

## 6.241.4 FortiOS Version Compatibility

## 6.241.5 Parameters

## 6.241.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.241.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Settings for TACACS+ accounting events filter.
  fortios_log_tacacsplusaccounting2_filter:
    vdom: "{{ vdom }}"
    log_tacacsplusaccounting2_filter:
      cli_cmd_audit: "enable"
      config_change_audit: "enable"
      login_audit: "enable"

```

## 6.241.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.241.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.241.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.242 fortios\_log\_tacacsplusaccounting2\_setting – Settings for TACACS+ accounting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.242.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting2 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.242.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.242.3 Tips

Using member operation to add an element to an existing object.

### 6.242.4 FortiOS Version Compatibility

### 6.242.5 Parameters

### 6.242.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.242.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Settings for TACACS+ accounting.
      fortios_log_tacacsplusaccounting2_setting:
        vdom: "{{ vdom }}"
        log_tacacsplusaccounting2_setting:
          server: "192.168.100.40"
          server_key: "<your_own_value>"
          status: "enable"

```

### 6.242.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.242.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.242.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.243 fortios\_log\_tacacsplusaccounting3\_filter – Settings for TACACS+ accounting events filter in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.243.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting3 feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.243.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.243.3 Tips

Using member operation to add an element to an existing object.

## 6.243.4 FortiOS Version Compatibility

## 6.243.5 Parameters

## 6.243.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.243.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for TACACS+ accounting events filter.
  fortios_log_tacacsplusaccounting3_filter:
    vdom: "{{ vdom }}"
  log_tacacsplusaccounting3_filter:
    cli_cmd_audit: "enable"
    config_change_audit: "enable"
    login_audit: "enable"
```

## 6.243.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.243.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.243.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.244 fortios\_log\_tacacsplusaccounting3\_setting – Settings for TACACS+ accounting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.244.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting3 feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.244.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.244.3 Tips

Using member operation to add an element to an existing object.

### 6.244.4 FortiOS Version Compatibility

### 6.244.5 Parameters

### 6.244.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.244.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for TACACS+ accounting.
  fortios_log_tacacsplusaccounting3_setting:
    vdom: "{{ vdom }}"
    log_tacacsplusaccounting3_setting:
      server: "192.168.100.40"
      server_key: "<your_own_value>"
      status: "enable"
```

## 6.244.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.244.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.244.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

## 6.245 fortios\_log\_tacacsplusaccounting\_filter – Settings for TACACS+ accounting events filter in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.245.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.245.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.245.3 Tips

Using member operation to add an element to an existing object.

### 6.245.4 FortiOS Version Compatibility

### 6.245.5 Parameters

### 6.245.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks



## 6.245.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for TACACS+ accounting events filter.
  fortios_log_tacacsplusaccounting_filter:
    vdom: "{{ vdom }}"
    log_tacacsplusaccounting_filter:
      cli_cmd_audit: "enable"
      config_change_audit: "enable"
      login_audit: "enable"
```

## 6.245.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.245.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.245.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.246 fortios\_log\_tacacsplusaccounting\_setting – Settings for TACACS+ accounting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.246.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_tacacsplusaccounting feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.246.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.246.3 Tips

Using member operation to add an element to an existing object.

### 6.246.4 FortiOS Version Compatibility

### 6.246.5 Parameters

### 6.246.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.246.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for TACACS+ accounting.
  fortios_log_tacacsplusaccounting_setting:
    vdom: "{{ vdom }}"
    log_tacacsplusaccounting_setting:
      server: "192.168.100.40"
      server_key: "<your_own_value>"
      status: "enable"
```

## 6.246.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.246.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.246.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.247 fortios\_log\_threat\_weight – Configure threat weight settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.247.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log feature and threat\_weight category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.247.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.247.3 Tips

Using member operation to add an element to an existing object.

### 6.247.4 FortiOS Version Compatibility

### 6.247.5 Parameters

### 6.247.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.247.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure threat weight settings.
  fortios_log_threat_weight:
    vdom: "{{ vdom }}"
    log_threat_weight:
      application:
        -
          category: "0"
          id: "5"
          level: "disable"
      blocked_connection: "disable"
      botnet_connection_detected: "disable"
      failed_connection: "disable"
      geolocation:
        -
          country: "<your_own_value>"
          id: "12"
          level: "disable"
      ips:
        critical_severity: "disable"
        high_severity: "disable"
        info_severity: "disable"
        low_severity: "disable"
        medium_severity: "disable"
      level:
        critical: "50"
        high: "30"
        low: "5"
        medium: "10"
      malware:
        botnet_connection: "disable"
        command_blocked: "disable"
        content_disarm: "disable"
        ems_threat_feed: "disable"
        file_blocked: "disable"
        fortiai: "disable"
        fortindr: "disable"
        fortisandbox: "disable"
        fsa_high_risk: "disable"
        fsa_malicious: "disable"
        fsa_medium_risk: "disable"
        malware_list: "disable"
        mimefragmented: "disable"
        oversized: "disable"
        switch_proto: "disable"
        virus_blocked: "disable"
        virus_file_type_executable: "disable"
        virus_infected: "disable"

```

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```
    virus_outbreak_prevention: "disable"
    virus_scan_error: "disable"
    status: "enable"
    url_block_detected: "disable"
    web:
      -
        category: "0"
        id: "50"
        level: "disable"
```

## 6.247.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.247.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.247.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.248 fortios\_log\_webtrends\_filter – Filters for WebTrends in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.248.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_webtrends feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.248.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.248.3 Tips

Using member operation to add an element to an existing object.

## 6.248.4 FortiOS Version Compatibility

## 6.248.5 Parameters

## 6.248.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.248.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Filters for WebTrends.
```

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```
fortios_log_webtrends_filter:
  vdom: "{{ vdom }}"
  log_webtrends_filter:
    anomaly: "enable"
    dns: "enable"
    filter: "<your_own_value>"
    filter_type: "include"
    forward_traffic: "enable"
    free_style:
      -
        category: "traffic"
        filter: "<your_own_value>"
        filter_type: "include"
        id: "12"
    gtp: "enable"
    local_traffic: "enable"
    multicast_traffic: "enable"
    netscan_discovery: "<your_own_value>"
    netscan_vulnerability: "<your_own_value>"
    severity: "emergency"
    sniffer_traffic: "enable"
    ssh: "enable"
    voip: "enable"
    ztna_traffic: "enable"
```

## 6.248.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.248.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.248.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.249 fortios\_log\_webtrends\_setting – Settings for WebTrends in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.249.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify log\_webtrends feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.249.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.249.3 Tips

Using member operation to add an element to an existing object.

### 6.249.4 FortiOS Version Compatibility

### 6.249.5 Parameters

### 6.249.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.249.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Settings for WebTrends.
  fortios_log_webtrends_setting:
    vdom: "{{ vdom }}"
    log_webtrends_setting:
      server: "192.168.100.40"
      status: "enable"
```

## 6.249.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.249.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.249.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.250 fortios\_monitoring\_np6\_ipsec\_engine – Configure NP6 IPsec engine status monitoring in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.250.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify monitoring feature and np6\_ipsec\_engine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.250.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.250.3 Tips

Using member operation to add an element to an existing object.

### 6.250.4 FortiOS Version Compatibility

### 6.250.5 Parameters

### 6.250.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.250.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NP6 IPsec engine status monitoring.
  fortios_monitoring_np6_ipsec_engine:
    vdom: "{{ vdom }}"
    monitoring_np6_ipsec_engine:
      interval: "1"
      status: "enable"
      threshold: "<your_own_value>"
```

## 6.250.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.250.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.250.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.251 fortios\_monitoring\_npu\_hpe – Configure npu-hpe status monitoring in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.251.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify monitoring feature and npu\_hpe category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.251.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.251.3 Tips

Using member operation to add an element to an existing object.

### 6.251.4 FortiOS Version Compatibility

### 6.251.5 Parameters

### 6.251.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.251.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure npu-hpe status monitoring.
  fortios_monitoring_npu_hpe:
    vdom: "{{ vdom }}"
    monitoring_npu_hpe:
      interval: "1"
      multipliers: "<your_own_value>"
      status: "enable"
```

## 6.251.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.251.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.251.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.252 fortios\_nsxt\_service\_chain – Configure NSX-T service chain in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.252.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify nsxt feature and service\_chain category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.252.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.252.3 Tips

Using member operation to add an element to an existing object.

### 6.252.4 FortiOS Version Compatibility

### 6.252.5 Parameters

### 6.252.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.252.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NSX-T service chain.
  fortios_nsxt_service_chain:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    nsxt_service_chain:
      id: "3"
      name: "default_name_4"
      service_index:
        -
          id: "6"
          name: "default_name_7"
          reverse_index: "1"
          vd: "<your_own_value> (source system.vdom.name) "
```

## 6.252.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.252.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.252.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.253 fortios\_nsxt\_setting – Configure NSX-T setting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.253.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify nsxt feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.253.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.253.3 Tips

Using member operation to add an element to an existing object.

### 6.253.4 FortiOS Version Compatibility

### 6.253.5 Parameters

### 6.253.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.253.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NSX-T setting.
  fortios_nsxt_setting:
    vdom: "{{ vdom }}"
    nsxt_setting:
      liveness: "enable"
      service: "<your_own_value>"
```

## 6.253.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.253.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.253.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.254 fortios\_pfcf\_message\_filter – Message filter for PFCP messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.254.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify pfcf feature and message\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.254.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.254.3 Tips

Using member operation to add an element to an existing object.

### 6.254.4 FortiOS Version Compatibility

### 6.254.5 Parameters

### 6.254.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.254.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Message filter for PFCP messages.
  fortios_pfcpl_message_filter:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    pfcpl_message_filter:
      association_release: "allow"
      association_setup: "allow"
      association_update: "allow"
      heartbeat: "allow"
      name: "default_name_7"
      node_report: "allow"
      pfd_management: "allow"
      session_deletion: "allow"
      session_establish: "allow"
      session_modification: "allow"
      session_report: "allow"
      session_set_deletion: "allow"
      unknown_message: "allow"
      unknown_message_allow_list:
        -
          id: "17"
      version_not_support: "allow"
```

## 6.254.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.254.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.254.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.255 fortios\_report\_chart – Report chart widget configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.255.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and chart category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.255.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.255.3 Tips

Using member operation to add an element to an existing object.

### 6.255.4 FortiOS Version Compatibility

### 6.255.5 Parameters

### 6.255.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.255.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Report chart widget configuration.
  fortios_report_chart:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    report_chart:
      background: "<your_own_value>"
      category: "misc"
      category_series:
        databind: "<your_own_value>"
        font_size: "10"
      color_palette: "<your_own_value>"
      column:
        -
          detail_unit: "<your_own_value>"
          detail_value: "<your_own_value>"
          footer_unit: "<your_own_value>"
          footer_value: "<your_own_value>"
          header_value: "<your_own_value>"
          id: "15"
          mapping:
            -
              displayname: "<your_own_value>"
              id: "18"
              op: "none"
              value_type: "integer"
              value1: "<your_own_value>"
              value2: "<your_own_value>"
      comments: "<your_own_value>"
      dataset: "<your_own_value>"
      dimension: "2D"
      drill_down_charts:
        -
          chart_name: "<your_own_value>"
          id: "28"
          status: "enable"
      favorite: "no"
      graph_type: "none"
      legend: "enable"
```

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```

legend_font_size: "2147483647"
name: "default_name_34"
period: "last24h"
policy: "2147483647"
style: "auto"
title: "<your_own_value>"
title_font_size: "2147483647"
type: "graph"
value_series:
  databind: "<your_own_value>"
x_series:
  caption: "<your_own_value>"
  caption_font_size: "10"
  databind: "<your_own_value>"
  font_size: "10"
  is_category: "yes"
  label_angle: "45-degree"
  scale_direction: "decrease"
  scale_format: "YYYY-MM-DD-HH-MM"
  scale_step: "32767"
  scale_unit: "minute"
  unit: "<your_own_value>"
y_series:
  caption: "<your_own_value>"
  caption_font_size: "10"
  databind: "<your_own_value>"
  extra_databind: "<your_own_value>"
  extra_y: "enable"
  extra_y_legend: "<your_own_value>"
  font_size: "10"
  group: "<your_own_value>"
  label_angle: "45-degree"
  unit: "<your_own_value>"
  y_legend: "<your_own_value>"

```

## 6.255.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.255.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.255.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.256 fortios\_report\_dataset – Report dataset configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.256.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and dataset category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.256.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.256.3 Tips

Using member operation to add an element to an existing object.



## 6.256.4 FortiOS Version Compatibility

## 6.256.5 Parameters

## 6.256.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.256.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Report dataset configuration.
  fortios_report_dataset:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    report_dataset:
      field:
        -
          displayname: "<your_own_value>"
          id: "5"
          name: "default_name_6"
          type: "text"
        name: "default_name_8"
      parameters:
        -
          data_type: "text"
          display_name: "<your_own_value>"
          field: "<your_own_value>"
          id: "13"
    policy: "2147483647"
    query: "<your_own_value>"
```

## 6.256.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.256.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.256.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.257 fortios\_report\_layout – Report layout configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.257.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and layout category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.257.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.257.3 Tips

Using member operation to add an element to an existing object.

## 6.257.4 FortiOS Version Compatibility

## 6.257.5 Parameters

## 6.257.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.257.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Report layout configuration.
  fortios_report_layout:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    report_layout:
      body_item:
        -
          chart: "<your_own_value>"
          chart_options: "include-no-data"
          column: "2147483647"
          content: "<your_own_value>"
          description: "<your_own_value>"
          drill_down_items: "<your_own_value>"
          drill_down_types: "<your_own_value>"
          hide: "enable"
          id: "12"
          img_src: "<your_own_value>"
          list:
```

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```

-
    content: "<your_own_value>"
    id: "16"
list_component: "bullet"
misc_component: "hline"
parameters:
-
    id: "20"
    name: "default_name_21"
    value: "<your_own_value>"
    style: "<your_own_value>"
    table_caption_style: "<your_own_value>"
    table_column_widths: "<your_own_value>"
    table_even_row_style: "<your_own_value>"
    table_head_style: "<your_own_value>"
    table_odd_row_style: "<your_own_value>"
    text_component: "text"
    title: "<your_own_value>"
    top_n: "0"
    type: "text"
cutoff_option: "run-time"
cutoff_time: "<your_own_value>"
day: "sunday"
description: "<your_own_value>"
email_recipients: "<your_own_value>"
email_send: "enable"
format: "pdf"
max_pdf_report: "31"
name: "default_name_41"
options: "include-table-of-content"
page:
    column_break_before: "heading1"
    footer:
        footer_item:
-
            content: "<your_own_value>"
            description: "<your_own_value>"
            id: "49"
            img_src: "<your_own_value>"
            style: "<your_own_value>"
            type: "text"
        style: "<your_own_value>"
    header:
        header_item:
-
            content: "<your_own_value>"
            description: "<your_own_value>"
            id: "58"
            img_src: "<your_own_value>"
            style: "<your_own_value>"
            type: "text"
        style: "<your_own_value>"
    options: "header-on-first-page"
    page_break_before: "heading1"
    paper: "a4"
schedule_type: "demand"
style_theme: "<your_own_value>"

```

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```
subtitle: "<your_own_value>"
time: "<your_own_value>"
title: "<your_own_value>"
```

## 6.257.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.257.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.257.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.258 fortios\_report\_setting – Report setting configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

- *Authors*
- 

## 6.258.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.258.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.258.3 Tips

Using member operation to add an element to an existing object.

## 6.258.4 FortiOS Version Compatibility

## 6.258.5 Parameters

## 6.258.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.258.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Report setting configuration.
      fortios_report_setting:
        vdom: "{{ vdom }}"
        report_setting:
          fortiview: "enable"
          pdf_report: "enable"
          report_source: "forward-traffic"
```

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```
top_n: "1000"
web_browsing_threshold: "3"
```

## 6.258.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.258.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.258.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.259 fortios\_report\_style – Report style configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.259.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and style category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.259.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.259.3 Tips

Using member operation to add an element to an existing object.

## 6.259.4 FortiOS Version Compatibility

## 6.259.5 Parameters

## 6.259.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.259.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Report style configuration.
  fortios_report_style:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    report_style:
      align: "left"
      bg_color: "<your_own_value>"
```

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```

border_bottom: "<your_own_value>"
border_left: "<your_own_value>"
border_right: "<your_own_value>"
border_top: "<your_own_value>"
column_gap: "<your_own_value>"
column_span: "none"
fg_color: "<your_own_value>"
font_family: "Verdana"
font_size: "<your_own_value>"
font_style: "normal"
font_weight: "normal"
height: "<your_own_value>"
line_height: "<your_own_value>"
margin_bottom: "<your_own_value>"
margin_left: "<your_own_value>"
margin_right: "<your_own_value>"
margin_top: "<your_own_value>"
name: "default_name_22"
options: "font"
padding_bottom: "<your_own_value>"
padding_left: "<your_own_value>"
padding_right: "<your_own_value>"
padding_top: "<your_own_value>"
width: "<your_own_value>"

```

## 6.259.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.259.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.259.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.260 fortios\_report\_theme – Report themes configuratio in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.260.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify report feature and theme category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.260.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.260.3 Tips

Using member operation to add an element to an existing object.

### 6.260.4 FortiOS Version Compatibility

### 6.260.5 Parameters

### 6.260.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.260.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Report themes configuration
  fortios_report_theme:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    report_theme:
      bullet_list_style: "<your_own_value>"
      column_count: "1"
      default_html_style: "<your_own_value>"
      default_pdf_style: "<your_own_value>"
      graph_chart_style: "<your_own_value>"
      heading1_style: "<your_own_value>"
      heading2_style: "<your_own_value>"
      heading3_style: "<your_own_value>"
      heading4_style: "<your_own_value>"
      hline_style: "<your_own_value>"
      image_style: "<your_own_value>"
      name: "default_name_14"
      normal_text_style: "<your_own_value>"
      numbered_list_style: "<your_own_value>"
      page_footer_style: "<your_own_value>"
      page_header_style: "<your_own_value>"
      page_orient: "portrait"
      page_style: "<your_own_value>"
      report_subtitle_style: "<your_own_value>"
      report_title_style: "<your_own_value>"
      table_chart_caption_style: "<your_own_value>"
      table_chart_even_row_style: "<your_own_value>"
      table_chart_head_style: "<your_own_value>"
      table_chart_odd_row_style: "<your_own_value>"
      table_chart_style: "<your_own_value>"
      toc_heading1_style: "<your_own_value>"
      toc_heading2_style: "<your_own_value>"
      toc_heading3_style: "<your_own_value>"
      toc_heading4_style: "<your_own_value>"
      toc_title_style: "<your_own_value>"
```

## 6.260.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.260.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.260.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.261 fortios\_router\_access\_list – Configure access lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.261.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and access\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.261.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.261.3 Tips

Using member operation to add an element to an existing object.

## 6.261.4 FortiOS Version Compatibility

## 6.261.5 Parameters

## 6.261.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.261.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure access lists.
  fortios_router_access_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_access_list:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          exact_match: "enable"
          flags: "2147483647"
          id: "9"
          prefix: "<your_own_value>"
          wildcard: "<your_own_value>"
```

## 6.261.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.261.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.261.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.262 fortios\_router\_access\_list6 – Configure IPv6 access lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.262.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and access\_list6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.262.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.262.3 Tips

Using member operation to add an element to an existing object.

## 6.262.4 FortiOS Version Compatibility

## 6.262.5 Parameters

## 6.262.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.262.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 access lists.
  fortios_router_access_list6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_access_list6:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          exact_match: "enable"
```

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```
flags: "0"  
id: "9"  
prefix6: "<your_own_value>"
```

### 6.262.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.262.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.262.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.263 fortios\_router\_aspath\_list – Configure Autonomous System (AS) path lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*



---

- *Authors*

---

### 6.263.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and aspath\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.263.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.263.3 Tips

Using member operation to add an element to an existing object.

### 6.263.4 FortiOS Version Compatibility

### 6.263.5 Parameters

### 6.263.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.263.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Autonomous System (AS) path lists.
      fortios_router_aspath_list:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_aspath_list:
          name: "default_name_3"
          rule:
```

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```
-  
  action: "deny"  
  id:    "6"  
  regexp: "<your_own_value>"
```

### 6.263.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.263.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.263.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.264 fortios\_router\_auth\_path – Configure authentication based routing in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.264.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and auth\_path category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.264.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.264.3 Tips

Using member operation to add an element to an existing object.

### 6.264.4 FortiOS Version Compatibility

### 6.264.5 Parameters

### 6.264.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.264.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure authentication based routing.
      fortios_router_auth_path:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_auth_path:
```

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```
device: "<your_own_value> (source system.interface.name) "  
gateway: "<your_own_value>"  
name: "default_name_5"
```

## 6.264.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.264.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.264.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.265 fortios\_router\_bfd – Configure BFD in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

## 6.265.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and bfd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.265.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.265.3 Tips

Using member operation to add an element to an existing object.

## 6.265.4 FortiOS Version Compatibility

## 6.265.5 Parameters

## 6.265.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.265.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure BFD.
      fortios_router_bfd:
        vdom: "{{ vdom }}"
        router_bfd:
          multihop_template:
            -
              auth_mode: "none"
              bfd_desired_min_tx: "250"
```

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```
    bfd_detect_mult: "3"
    bfd_required_min_rx: "250"
    dst: "<your_own_value>"
    id: "9"
    md5_key: "<your_own_value>"
    src: "<your_own_value>"
  neighbor:
    -
      interface: "<your_own_value> (source system.interface.name)"
      ip: "<your_own_value>"
```

## 6.265.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.265.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.265.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.266 fortios\_router\_bfd6 – Configure IPv6 BFD in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.266.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and bfd6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.266.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.266.3 Tips

Using member operation to add an element to an existing object.

### 6.266.4 FortiOS Version Compatibility

### 6.266.5 Parameters

### 6.266.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.266.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure IPv6 BFD.
  fortios_router_bfd6:
    vdom: "{{ vdom }}"
    router_bfd6:
      multihop_template:
        -
          auth_mode: "none"
          bfd_desired_min_tx: "250"
          bfd_detect_mult: "3"
          bfd_required_min_rx: "250"
          dst: "<your_own_value>"
          id: "9"
          md5_key: "<your_own_value>"
          src: "<your_own_value>"
      neighbor:
        -
          interface: "<your_own_value> (source system.interface.name)"
          ip6_address: "<your_own_value>"
```

## 6.266.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.266.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.266.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.267 fortios\_router\_bgp – Configure BGP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.267.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and bgp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.267.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.267.3 Tips

Using member operation to add an element to an existing object.

### 6.267.4 FortiOS Version Compatibility

### 6.267.5 Parameters

### 6.267.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.267.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure BGP.
  fortios_router_bgp:
    vdom: "{{ vdom }}"
    router_bgp:
      additional_path: "enable"
      additional_path_select: "2"
      additional_path_select_vpnv4: "2"
      additional_path_select6: "2"
      additional_path_vpnv4: "enable"
      additional_path6: "enable"
      admin_distance:
        -
          distance: "0"
          id: "11"
          neighbour_prefix: "<your_own_value>"
          route_list: "<your_own_value> (source router.access-list.name)"
      aggregate_address:
        -
          as_set: "enable"
          id: "16"
          prefix: "<your_own_value>"
          summary_only: "enable"
      aggregate_address6:
        -
          as_set: "enable"
          id: "21"
          prefix6: "<your_own_value>"
          summary_only: "enable"
      always_compare_med: "enable"
      as: "<your_own_value>"
      bestpath_as_path_ignore: "enable"
      bestpath_cmp_confed_aspath: "enable"
      bestpath_cmp_routerid: "enable"
      bestpath_med_confed: "enable"
      bestpath_med_missing_as_worst: "enable"
      client_to_client_reflection: "enable"
      cluster_id: "<your_own_value>"
      confederation_identifier: "0"
      confederation_peers:
        -
          peer: "<your_own_value>"
      dampening: "enable"
      dampening_max_suppress_time: "60"
      dampening_reachability_half_life: "15"
      dampening_reuse: "750"
      dampening_route_map: "<your_own_value> (source router.route-map.name)"
      dampening_suppress: "2000"

```

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```

dampening_unreachability_half_life: "15"
default_local_preference: "100"
deterministic_med: "enable"
distance_external: "20"
distance_internal: "200"
distance_local: "200"
ebgp_multipath: "enable"
enforce_first_as: "enable"
fast_external_failover: "enable"
graceful_end_on_timer: "enable"
graceful_restart: "enable"
graceful_restart_time: "120"
graceful_stalepath_time: "360"
graceful_update_delay: "120"
holdtime_timer: "180"
ibgp_multipath: "enable"
ignore_optional_capability: "enable"
keepalive_timer: "60"
log_neighbour_changes: "enable"
multipath_recursive_distance: "enable"
neighbor:
-
  activate: "enable"
  activate_vpnv4: "enable"
  activate6: "enable"
  additional_path: "send"
  additional_path_vpnv4: "send"
  additional_path6: "send"
  adv_additional_path: "2"
  adv_additional_path_vpnv4: "2"
  adv_additional_path6: "2"
  advertisement_interval: "30"
  allowas_in: "3"
  allowas_in_enable: "enable"
  allowas_in_enable6: "enable"
  allowas_in_vpnv4: "0"
  allowas_in6: "3"
  as_override: "enable"
  as_override6: "enable"
  attribute_unchanged: "as-path"
  attribute_unchanged_vpnv4: "as-path"
  attribute_unchanged6: "as-path"
  bfd: "enable"
  capability_default_originate: "enable"
  capability_default_originate6: "enable"
  capability_dynamic: "enable"
  capability_graceful_restart: "enable"
  capability_graceful_restart_vpnv4: "enable"
  capability_graceful_restart6: "enable"
  capability_orf: "none"
  capability_orf6: "none"
  capability_route_refresh: "enable"
  conditional_advertise:
  -
    advertise_routermap: "<your_own_value> (source router.route-map.name)"
    condition_routermap:
  -

```

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```

        name: "default_name_96 (source router.route-map.name)"
        condition_type: "exist"
conditional_advertise6:
-
    advertise_routermap: "<your_own_value> (source router.route-map.name)"
    condition_routermap:
    -
        name: "default_name_101 (source router.route-map.name)"
        condition_type: "exist"
connect_timer: "4294967295"
default_originate_routermap: "<your_own_value> (source router.route-map.
↪name) "
default_originate_routermap6: "<your_own_value> (source router.route-map.
↪name) "
description: "<your_own_value>"
distribute_list_in: "<your_own_value> (source router.access-list.name)"
distribute_list_in_vpnv4: "<your_own_value> (source router.access-list.
↪name) "
distribute_list_in6: "<your_own_value> (source router.access-list6.name)"
distribute_list_out: "<your_own_value> (source router.access-list.name)"
distribute_list_out_vpnv4: "<your_own_value> (source router.access-list.
↪name) "
distribute_list_out6: "<your_own_value> (source router.access-list6.name)"
dont_capability_negotiate: "enable"
ebgp_enforce_multihop: "enable"
ebgp_multihop_ttl: "255"
filter_list_in: "<your_own_value> (source router.aspath-list.name)"
filter_list_in6: "<your_own_value> (source router.aspath-list.name)"
filter_list_out: "<your_own_value> (source router.aspath-list.name)"
filter_list_out6: "<your_own_value> (source router.aspath-list.name)"
holdtime_timer: "4294967295"
interface: "<your_own_value> (source system.interface.name)"
ip: "<your_own_value>"
keep_alive_timer: "4294967295"
link_down_failover: "enable"
local_as: "<your_own_value>"
local_as_no_prepend: "enable"
local_as_replace_as: "enable"
maximum_prefix: "0"
maximum_prefix_threshold: "75"
maximum_prefix_threshold_vpnv4: "75"
maximum_prefix_threshold6: "75"
maximum_prefix_vpnv4: "0"
maximum_prefix_warning_only: "enable"
maximum_prefix_warning_only_vpnv4: "enable"
maximum_prefix_warning_only6: "enable"
maximum_prefix6: "0"
next_hop_self: "enable"
next_hop_self_rr: "enable"
next_hop_self_rr6: "enable"
next_hop_self_vpnv4: "enable"
next_hop_self6: "enable"
override_capability: "enable"
passive: "enable"
password: "<your_own_value>"
prefix_list_in: "<your_own_value> (source router.prefix-list.name)"
prefix_list_in_vpnv4: "<your_own_value> (source router.prefix-list.name)"

```

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```

    prefix_list_in6: "<your_own_value> (source router.prefix-list6.name)"
    prefix_list_out: "<your_own_value> (source router.prefix-list.name)"
    prefix_list_out_vpnv4: "<your_own_value> (source router.prefix-list.name)"
    prefix_list_out6: "<your_own_value> (source router.prefix-list6.name)"
    remote_as: "<your_own_value>"
    remove_private_as: "enable"
    remove_private_as_vpnv4: "enable"
    remove_private_as6: "enable"
    restart_time: "0"
    retain_stale_time: "0"
    route_map_in: "<your_own_value> (source router.route-map.name)"
    route_map_in_vpnv4: "<your_own_value> (source router.route-map.name)"
    route_map_in6: "<your_own_value> (source router.route-map.name)"
    route_map_out: "<your_own_value> (source router.route-map.name)"
    route_map_out_preferable: "<your_own_value> (source router.route-map.name)"
↪ "
    route_map_out_vpnv4: "<your_own_value> (source router.route-map.name)"
    route_map_out_vpnv4_preferable: "<your_own_value> (source router.route-
↪map.name)"
    route_map_out6: "<your_own_value> (source router.route-map.name)"
    route_map_out6_preferable: "<your_own_value> (source router.route-map.
↪name)"
    route_reflector_client: "enable"
    route_reflector_client_vpnv4: "enable"
    route_reflector_client6: "enable"
    route_server_client: "enable"
    route_server_client_vpnv4: "enable"
    route_server_client6: "enable"
    send_community: "standard"
    send_community_vpnv4: "standard"
    send_community6: "standard"
    shutdown: "enable"
    soft_reconfiguration: "enable"
    soft_reconfiguration_vpnv4: "enable"
    soft_reconfiguration6: "enable"
    stale_route: "enable"
    strict_capability_match: "enable"
    unsuppress_map: "<your_own_value> (source router.route-map.name)"
    unsuppress_map6: "<your_own_value> (source router.route-map.name)"
    update_source: "<your_own_value> (source system.interface.name)"
    weight: "4294967295"
neighbor_group:
-
    activate: "enable"
    activate_vpnv4: "enable"
    activate6: "enable"
    additional_path: "send"
    additional_path_vpnv4: "send"
    additional_path6: "send"
    adv_additional_path: "2"
    adv_additional_path_vpnv4: "2"
    adv_additional_path6: "2"
    advertisement_interval: "30"
    allowas_in: "3"
    allowas_in_enable: "enable"
    allowas_in_enable6: "enable"
    allowas_in_vpnv4: "0"

```

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```

allowas_in6: "3"
as_override: "enable"
as_override6: "enable"
attribute_unchanged: "as-path"
attribute_unchanged_vpnv4: "as-path"
attribute_unchanged6: "as-path"
bfd: "enable"
capability_default_originate: "enable"
capability_default_originate6: "enable"
capability_dynamic: "enable"
capability_graceful_restart: "enable"
capability_graceful_restart_vpnv4: "enable"
capability_graceful_restart6: "enable"
capability_orf: "none"
capability_orf6: "none"
capability_route_refresh: "enable"
connect_timer: "4294967295"
default_originate_routermap: "<your_own_value> (source router.route-map.
↩name) "
default_originate_routermap6: "<your_own_value> (source router.route-map.
↩name) "
description: "<your_own_value>"
distribute_list_in: "<your_own_value> (source router.access-list.name)"
distribute_list_in_vpnv4: "<your_own_value> (source router.access-list.
↩name) "
distribute_list_in6: "<your_own_value> (source router.access-list6.name)"
distribute_list_out: "<your_own_value> (source router.access-list.name)"
distribute_list_out_vpnv4: "<your_own_value> (source router.access-list.
↩name) "
distribute_list_out6: "<your_own_value> (source router.access-list6.name)"
dont_capability_negotiate: "enable"
ebgp_enforce_multihop: "enable"
ebgp_multihop_ttl: "255"
filter_list_in: "<your_own_value> (source router.aspath-list.name)"
filter_list_in6: "<your_own_value> (source router.aspath-list.name)"
filter_list_out: "<your_own_value> (source router.aspath-list.name)"
filter_list_out6: "<your_own_value> (source router.aspath-list.name)"
holdtime_timer: "4294967295"
interface: "<your_own_value> (source system.interface.name)"
keep_alive_timer: "4294967295"
link_down_failover: "enable"
local_as: "<your_own_value>"
local_as_no_prepend: "enable"
local_as_replace_as: "enable"
maximum_prefix: "0"
maximum_prefix_threshold: "75"
maximum_prefix_threshold_vpnv4: "75"
maximum_prefix_threshold6: "75"
maximum_prefix_vpnv4: "0"
maximum_prefix_warning_only: "enable"
maximum_prefix_warning_only_vpnv4: "enable"
maximum_prefix_warning_only6: "enable"
maximum_prefix6: "0"
name: "default_name_249"
next_hop_self: "enable"
next_hop_self_rr: "enable"
next_hop_self_rr6: "enable"

```

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```

next_hop_self_vpnv4: "enable"
next_hop_self6: "enable"
override_capability: "enable"
passive: "enable"
prefix_list_in: "<your_own_value> (source router.prefix-list.name)"
prefix_list_in_vpnv4: "<your_own_value> (source router.prefix-list.name)"
prefix_list_in6: "<your_own_value> (source router.prefix-list6.name)"
prefix_list_out: "<your_own_value> (source router.prefix-list.name)"
prefix_list_out_vpnv4: "<your_own_value> (source router.prefix-list.name)"
prefix_list_out6: "<your_own_value> (source router.prefix-list6.name)"
remote_as: "<your_own_value>"
remove_private_as: "enable"
remove_private_as_vpnv4: "enable"
remove_private_as6: "enable"
restart_time: "0"
retain_stale_time: "0"
route_map_in: "<your_own_value> (source router.route-map.name)"
route_map_in_vpnv4: "<your_own_value> (source router.route-map.name)"
route_map_in6: "<your_own_value> (source router.route-map.name)"
route_map_out: "<your_own_value> (source router.route-map.name)"
route_map_out_preferable: "<your_own_value> (source router.route-map.name)"
↪ "
route_map_out_vpnv4: "<your_own_value> (source router.route-map.name)"
route_map_out_vpnv4_preferable: "<your_own_value> (source router.route-
↪map.name)"
route_map_out6: "<your_own_value> (source router.route-map.name)"
route_map_out6_preferable: "<your_own_value> (source router.route-map.
↪name)"

route_reflector_client: "enable"
route_reflector_client_vpnv4: "enable"
route_reflector_client6: "enable"
route_server_client: "enable"
route_server_client_vpnv4: "enable"
route_server_client6: "enable"
send_community: "standard"
send_community_vpnv4: "standard"
send_community6: "standard"
shutdown: "enable"
soft_reconfiguration: "enable"
soft_reconfiguration_vpnv4: "enable"
soft_reconfiguration6: "enable"
stale_route: "enable"
strict_capability_match: "enable"
unsuppress_map: "<your_own_value> (source router.route-map.name)"
unsuppress_map6: "<your_own_value> (source router.route-map.name)"
update_source: "<your_own_value> (source system.interface.name)"
weight: "4294967295"
neighbor_range:
-
  id: "298"
  max_neighbor_num: "0"
  neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name)"
  prefix: "<your_own_value>"
neighbor_range6:
-
  id: "303"
  max_neighbor_num: "0"

```

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```

    neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name) "
    prefix6: "<your_own_value>"
network:
-
    backdoor: "enable"
    id: "309"
    network_import_check: "global"
    prefix: "<your_own_value>"
    route_map: "<your_own_value> (source router.route-map.name) "
network_import_check: "enable"
network6:
-
    backdoor: "enable"
    id: "316"
    network_import_check: "global"
    prefix6: "<your_own_value>"
    route_map: "<your_own_value> (source router.route-map.name) "
recursive_inherit_priority: "enable"
recursive_next_hop: "enable"
redistribute:
-
    name: "default_name_323"
    route_map: "<your_own_value> (source router.route-map.name) "
    status: "enable"
redistribute6:
-
    name: "default_name_327"
    route_map: "<your_own_value> (source router.route-map.name) "
    status: "enable"
router_id: "<your_own_value>"
scan_time: "60"
synchronization: "enable"
tag_resolve_mode: "disable"
vrf:
-
    export_rt:
    -
        route_target: "<your_own_value>"
    import_route_map: "<your_own_value> (source router.route-map.name) "
    import_rt:
    -
        route_target: "<your_own_value>"
    leak_target:
    -
        interface: "<your_own_value> (source system.interface.name) "
        route_map: "<your_own_value> (source router.route-map.name) "
        vrf: "<your_own_value>"
    rd: "<your_own_value>"
    role: "standalone"
    vrf: "<your_own_value>"
vrf_leak:
-
    target:
    -
        interface: "<your_own_value> (source system.interface.name) "
        route_map: "<your_own_value> (source router.route-map.name) "
        vrf: "<your_own_value>"

```

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```

    vrf: "<your_own_value>"
  vrf_leak6:
    -
      target:
        -
          interface: "<your_own_value> (source system.interface.name) "
          route_map: "<your_own_value> (source router.route-map.name) "
          vrf: "<your_own_value>"
        vrf: "<your_own_value>"
  vrf6:
    -
      leak_target:
        -
          interface: "<your_own_value> (source system.interface.name) "
          route_map: "<your_own_value> (source router.route-map.name) "
          vrf: "<your_own_value>"
        vrf: "<your_own_value>"

```

### 6.267.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.267.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.267.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.268 fortios\_router\_community\_list – Configure community lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.268.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and community\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.268.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.268.3 Tips

Using member operation to add an element to an existing object.

### 6.268.4 FortiOS Version Compatibility

### 6.268.5 Parameters

### 6.268.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.268.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure community lists.
      fortios_router_community_list:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_community_list:
          name: "default_name_3"
          rule:
            -
              action: "deny"
              id: "6"
              match: "<your_own_value>"
              regexp: "<your_own_value>"
          type: "standard"

```

## 6.268.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.268.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.268.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.269 fortios\_router\_isis – Configure IS-IS in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.269.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and isis category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.269.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.269.3 Tips

Using member operation to add an element to an existing object.

### 6.269.4 FortiOS Version Compatibility

### 6.269.5 Parameters

### 6.269.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.269.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IS-IS.
  fortios_router_isis:
    vdom: "{{ vdom }}"
    router_isis:
      adjacency_check: "enable"
      adjacency_check6: "enable"
      adv_passive_only: "enable"
      adv_passive_only6: "enable"
      auth_keychain_11: "<your_own_value> (source router.key-chain.name)"
      auth_keychain_12: "<your_own_value> (source router.key-chain.name)"
      auth_mode_11: "password"
      auth_mode_12: "password"
      auth_password_11: "<your_own_value>"
      auth_password_12: "<your_own_value>"
      auth_sendonly_11: "enable"
      auth_sendonly_12: "enable"
      default_originate: "enable"
      default_originate6: "enable"
      dynamic_hostname: "enable"
      ignore_lsp_errors: "enable"
      is_type: "level-1-2"
      isis_interface:
        -
          auth_keychain_11: "<your_own_value> (source router.key-chain.name)"
          auth_keychain_12: "<your_own_value> (source router.key-chain.name)"
          auth_mode_11: "md5"
          auth_mode_12: "md5"
          auth_password_11: "<your_own_value>"
          auth_password_12: "<your_own_value>"
          auth_send_only_11: "enable"
          auth_send_only_12: "enable"
          circuit_type: "level-1-2"
          csnp_interval_11: "10"
          csnp_interval_12: "10"
          hello_interval_11: "10"
          hello_interval_12: "10"
          hello_multiplier_11: "3"
          hello_multiplier_12: "3"
          hello_padding: "enable"
          lsp_interval: "33"
          lsp_retransmit_interval: "5"
          mesh_group: "enable"
          mesh_group_id: "0"
          metric_11: "10"
          metric_12: "10"
```

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```

    name: "default_name_43 (source system.interface.name)"
    network_type: "broadcast"
    priority_l1: "64"
    priority_l2: "64"
    status: "enable"
    status6: "enable"
    wide_metric_l1: "10"
    wide_metric_l2: "10"
isis_net:
-
    id: "52"
    net: "<your_own_value>"
    lsp_gen_interval_l1: "30"
    lsp_gen_interval_l2: "30"
    lsp_refresh_interval: "900"
    max_lsp_lifetime: "1200"
    metric_style: "narrow"
    overload_bit: "enable"
    overload_bit_on_startup: "0"
    overload_bit_suppress: "external"
    redistribute:
-
    level: "level-1-2"
    metric: "0"
    metric_type: "external"
    protocol: "<your_own_value>"
    routemap: "<your_own_value> (source router.route-map.name)"
    status: "enable"
    redistribute_l1: "enable"
    redistribute_l1_list: "<your_own_value> (source router.access-list.name)"
    redistribute_l2: "enable"
    redistribute_l2_list: "<your_own_value> (source router.access-list.name)"
    redistribute6:
-
    level: "level-1-2"
    metric: "0"
    metric_type: "external"
    protocol: "<your_own_value>"
    routemap: "<your_own_value> (source router.route-map.name)"
    status: "enable"
    redistribute6_l1: "enable"
    redistribute6_l1_list: "<your_own_value> (source router.access-list6.name)"
    redistribute6_l2: "enable"
    redistribute6_l2_list: "<your_own_value> (source router.access-list6.name)"
    spf_interval_exp_l1: "<your_own_value>"
    spf_interval_exp_l2: "<your_own_value>"
    summary_address:
-
    id: "87"
    level: "level-1-2"
    prefix: "<your_own_value>"
    summary_address6:
-
    id: "91"
    level: "level-1-2"
    prefix6: "<your_own_value>"

```

## 6.269.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.269.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.269.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.270 fortios\_router\_key\_chain – Configure key-chain in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.270.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and key\_chain category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.270.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.270.3 Tips

Using member operation to add an element to an existing object.

## 6.270.4 FortiOS Version Compatibility

## 6.270.5 Parameters

## 6.270.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.270.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure key-chain.
  fortios_router_key_chain:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_key_chain:
      key:
        -
          accept_lifetime: "<your_own_value>"
          algorithm: "md5"
          id: "6"
          key_string: "<your_own_value>"
```

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```
send_lifetime: "<your_own_value>"
name: "default_name_9"
```

## 6.270.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.270.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.270.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.271 fortios\_router\_multicast – Configure router multicast in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.271.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and multicast category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.271.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.271.3 Tips

Using member operation to add an element to an existing object.

## 6.271.4 FortiOS Version Compatibility

## 6.271.5 Parameters

## 6.271.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.271.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure router multicast.
  fortios_router_multicast:
    vdom: "{{ vdom }}"
    router_multicast:
      interface:
        -
          bfd: "enable"
          cisco_exclude_genid: "enable"
```

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```

dr_priority: "1"
hello_holdtime: ""
hello_interval: "30"
igmp:
    access_group: "<your_own_value> (source router.access-list.name)"
    immediate_leave_group: "<your_own_value> (source router.access-list.
↪name) "
    last_member_query_count: "2"
    last_member_query_interval: "1000"
    query_interval: "125"
    query_max_response_time: "10"
    query_timeout: "255"
    router_alert_check: "enable"
    version: "3"
join_group:
    -
        address: "<your_own_value>"
multicast_flow: "<your_own_value> (source router.multicast-flow.name)"
name: "default_name_22 (source system.interface.name)"
neighbour_filter: "<your_own_value> (source router.access-list.name)"
passive: "enable"
pim_mode: "sparse-mode"
propagation_delay: "500"
rp_candidate: "enable"
rp_candidate_group: "<your_own_value> (source router.access-list.name)"
rp_candidate_interval: "60"
rp_candidate_priority: "192"
rpf_nbr_fail_back: "enable"
rpf_nbr_fail_back_filter: "<your_own_value> (source router.access-list.
↪name) "
state_refresh_interval: "60"
static_group: "<your_own_value> (source router.multicast-flow.name)"
ttl_threshold: "1"
multicast_routing: "enable"
pim_sm_global:
    accept_register_list: "<your_own_value> (source router.access-list.name)"
    accept_source_list: "<your_own_value> (source router.access-list.name)"
    bsr_allow_quick_refresh: "enable"
    bsr_candidate: "enable"
    bsr_hash: "10"
    bsr_interface: "<your_own_value> (source system.interface.name)"
    bsr_priority: "0"
    cisco_crp_prefix: "enable"
    cisco_ignore_rp_set_priority: "enable"
    cisco_register_checksum: "enable"
    cisco_register_checksum_group: "<your_own_value> (source router.access-
↪list.name) "
    join_prune_holdtime: "210"
    message_interval: "60"
    null_register_retries: "1"
    register_rate_limit: "0"
    register_rp_reachability: "enable"
    register_source: "disable"
    register_source_interface: "<your_own_value> (source system.interface.
↪name) "
    register_source_ip: "<your_own_value>"
    register_supression: "60"

```

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```
rp_address:
-
  group: "<your_own_value> (source router.access-list.name) "
  id: "60"
  ip_address: "<your_own_value>"
  rp_register_keepalive: "185"
  spt_threshold: "enable"
  spt_threshold_group: "<your_own_value> (source router.access-list.name) "
  ssm: "enable"
  ssm_range: "<your_own_value> (source router.access-list.name) "
route_limit: "2147483647"
route_threshold: ""
```

## 6.271.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.271.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.271.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.272 fortios\_router\_multicast6 – Configure IPv6 multicast in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.272.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and multicast6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.272.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.272.3 Tips

Using member operation to add an element to an existing object.

## 6.272.4 FortiOS Version Compatibility

## 6.272.5 Parameters

## 6.272.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.272.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 multicast.
  fortios_router_multicast6:
    vdom: "{{ vdom }}"
    router_multicast6:
      interface:
        -
          hello_holdtime: ""
          hello_interval: "30"
          name: "default_name_6 (source system.interface.name)"
          multicast_pmtu: "enable"
          multicast_routing: "enable"
          pim_sm_global:
            register_rate_limit: "0"
            rp_address:
              -
                id: "12"
                ip6_address: "<your_own_value>"
```

### 6.272.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.272.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.272.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.273 fortios\_router\_multicast\_flow – Configure multicast-flow in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.273.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and multicast\_flow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.273.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.273.3 Tips

Using member operation to add an element to an existing object.

### 6.273.4 FortiOS Version Compatibility

### 6.273.5 Parameters

### 6.273.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.273.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure multicast-flow.
  fortios_router_multicast_flow:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_multicast_flow:
      comments: "<your_own_value>"
      flows:
        -
          group_addr: "<your_own_value>"
          id: "6"
          source_addr: "<your_own_value>"
          name: "default_name_8"
```

### 6.273.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.273.9 Status

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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.274 fortios\_router\_ospf – Configure OSPF in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.274.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and ospf category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.274.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.274.3 Tips

Using member operation to add an element to an existing object.

### 6.274.4 FortiOS Version Compatibility

### 6.274.5 Parameters

### 6.274.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.274.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure OSPF.
      fortios_router_ospf:
        vdom: "{{ vdom }}"
        router_ospf:
          abr_type: "cisco"
          area:
            -
              authentication: "none"
              comments: "<your_own_value>"
              default_cost: "10"
              filter_list:
                -
                  direction: "in"
                  id: "10"
                  list: "<your_own_value> (source router.access-list.name router.prefix-
↪list.name) "
                  id: "12"
                  nssa_default_information Originate: "enable"
                  nssa_default_information Originate_metric: "10"
                  nssa_default_information Originate_metric_type: "1"
                  nssa_redistribution: "enable"
                  nssa_translator_role: "candidate"
                  range:
                    -
                      advertise: "disable"
                      id: "20"
                      prefix: "<your_own_value>"
                      substitute: "<your_own_value>"
                      substitute_status: "enable"
                  shortcut: "disable"
                  stub_type: "no-summary"
                  type: "regular"
                  virtual_link:
                    -
                      authentication: "none"
                      authentication_key: "<your_own_value>"
                      dead_interval: "40"
                      hello_interval: "10"
                      keychain: "<your_own_value> (source router.key-chain.name) "
                      md5_key: "<your_own_value>"
                      md5_keychain: "<your_own_value> (source router.key-chain.name) "
                      md5_keys:
                        -
                          id: "36"
                          key_string: "<your_own_value>"

```

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```

        name: "default_name_38"
        peer: "<your_own_value>"
        retransmit_interval: "5"
        transmit_delay: "1"
    auto_cost_ref_bandwidth: "1000"
    bfd: "enable"
    database_overflow: "enable"
    database_overflow_max_lsas: "10000"
    database_overflow_time_to_recover: "300"
    default_information_metric: "10"
    default_information_metric_type: "1"
    default_information_originate: "enable"
    default_information_route_map: "<your_own_value> (source router.route-map.
↪name) "
    default_metric: "10"
    distance: "110"
    distance_external: "110"
    distance_inter_area: "110"
    distance_intra_area: "110"
    distribute_list:
    -
        access_list: "<your_own_value> (source router.access-list.name) "
        id: "58"
        protocol: "connected"
    distribute_list_in: "<your_own_value> (source router.access-list.name router.
↪prefix-list.name) "
    distribute_route_map_in: "<your_own_value> (source router.route-map.name) "
    log_neighbour_changes: "enable"
    neighbor:
    -
        cost: "0"
        id: "65"
        ip: "<your_own_value>"
        poll_interval: "10"
        priority: "1"
    network:
    -
        area: "<your_own_value>"
        comments: "<your_own_value>"
        id: "72"
        prefix: "<your_own_value>"
    ospf_interface:
    -
        authentication: "none"
        authentication_key: "<your_own_value>"
        bfd: "global"
        comments: "<your_own_value>"
        cost: "0"
        database_filter_out: "enable"
        dead_interval: "0"
        hello_interval: "0"
        hello_multiplier: "0"
        interface: "<your_own_value> (source system.interface.name) "
        ip: "<your_own_value>"
        keychain: "<your_own_value> (source router.key-chain.name) "
        md5_key: "<your_own_value>"
        md5_keychain: "<your_own_value> (source router.key-chain.name) "

```

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```

md5_keys:
-
  id: "90"
  key_string: "<your_own_value>"
  mtu: "0"
  mtu_ignore: "enable"
  name: "default_name_94"
  network_type: "broadcast"
  prefix_length: "0"
  priority: "1"
  resync_timeout: "40"
  retransmit_interval: "5"
  status: "disable"
  transmit_delay: "1"
passive_interface:
-
  name: "default_name_103 (source system.interface.name)"
redistribute:
-
  metric: "0"
  metric_type: "1"
  name: "default_name_107"
  routemap: "<your_own_value> (source router.route-map.name)"
  status: "enable"
  tag: "0"
restart_mode: "none"
restart_on_topology_change: "enable"
restart_period: "120"
rfc1583_compatible: "enable"
router_id: "<your_own_value>"
spf_timers: "<your_own_value>"
summary_address:
-
  advertise: "disable"
  id: "119"
  prefix: "<your_own_value>"
  tag: "0"

```

## 6.274.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.274.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.274.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.275 fortios\_router\_ospf6 – Configure IPv6 OSPF in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.275.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and ospf6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.275.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.275.3 Tips

Using member operation to add an element to an existing object.

## 6.275.4 FortiOS Version Compatibility

### 6.275.5 Parameters

### 6.275.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.275.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 OSPF.
  fortios_router_ospf6:
    vdom: "{{ vdom }}"
    router_ospf6:
      abr_type: "cisco"
      area:
        -
          authentication: "none"
          default_cost: "10"
          id: "7"
          ipsec_auth_alg: "md5"
          ipsec_enc_alg: "null"
          ipsec_keys:
            -
              auth_key: "<your_own_value>"
              enc_key: "<your_own_value>"
              spi: "0"
          key_rollover_interval: "300"
          nssa_default_information_originate: "enable"
          nssa_default_information_originate_metric: "10"
          nssa_default_information_originate_metric_type: "1"
          nssa_redistribution: "enable"
          nssa_translator_role: "candidate"
          range:
            -
              advertise: "disable"
              id: "22"
              prefix6: "<your_own_value>"
          stub_type: "no-summary"
          type: "regular"
          virtual_link:
```

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```

-
    authentication: "none"
    dead_interval: "40"
    hello_interval: "10"
    ipsec_auth_alg: "md5"
    ipsec_enc_alg: "null"
    ipsec_keys:
    -
        auth_key: "<your_own_value>"
        enc_key: "<your_own_value>"
        spi: "0"
    key_rollover_interval: "300"
    name: "default_name_37"
    peer: "<your_own_value>"
    retransmit_interval: "5"
    transmit_delay: "1"
auto_cost_ref_bandwidth: "1000"
bfd: "enable"
default_information_metric: "10"
default_information_metric_type: "1"
default_information_originate: "enable"
default_information_route_map: "<your_own_value> (source router.route-map.
↪name) "
default_metric: "10"
log_neighbour_changes: "enable"
ospf6_interface:
-
    area_id: "<your_own_value>"
    authentication: "none"
    bfd: "global"
    cost: "0"
    dead_interval: "0"
    hello_interval: "0"
    interface: "<your_own_value> (source system.interface.name)"
    ipsec_auth_alg: "md5"
    ipsec_enc_alg: "null"
    ipsec_keys:
    -
        auth_key: "<your_own_value>"
        enc_key: "<your_own_value>"
        spi: "0"
    key_rollover_interval: "300"
    mtu: "0"
    mtu_ignore: "enable"
    name: "default_name_66"
    neighbor:
    -
        cost: "0"
        ip6: "<your_own_value>"
        poll_interval: "10"
        priority: "1"
    network_type: "broadcast"
    priority: "1"
    retransmit_interval: "5"
    status: "disable"
    transmit_delay: "1"
passive_interface:

```

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```
-
  name: "default_name_78 (source system.interface.name)"
redistribute:
-
  metric: "0"
  metric_type: "1"
  name: "default_name_82"
  routemap: "<your_own_value> (source router.route-map.name)"
  status: "enable"
restart_mode: "none"
restart_on_topology_change: "enable"
restart_period: "120"
router_id: "<your_own_value>"
spf_timers: "<your_own_value>"
summary_address:
-
  advertise: "disable"
  id: "92"
  prefix6: "<your_own_value>"
  tag: "0"
```

## 6.275.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.275.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.275.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.276 fortios\_router\_policy – Configure IPv4 routing policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.276.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and policy category. Examples include all parameters and values need to be adjusted to data-sources before usage. Tested with FOS v6.0.0

### 6.276.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.276.3 Tips

Using member operation to add an element to an existing object.

### 6.276.4 FortiOS Version Compatibility

### 6.276.5 Parameters

### 6.276.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.276.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv4 routing policies.
      fortios_router_policy:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_policy:
          action: "deny"
          comments: "<your_own_value>"
          dst:
            -
              subnet: "<your_own_value>"
            dst_negate: "enable"
            dstaddr:
              -
                name: "default_name_9 (source firewall.address.name firewall.addrgrp.name)
↪"
            end_port: "65535"
            end_source_port: "65535"
            gateway: "<your_own_value>"
            input_device:
              -
                name: "default_name_14 (source system.interface.name)"
            input_device_negate: "enable"
            internet_service_custom:
              -
                name: "default_name_17 (source firewall.internet-service-custom.name)"
            internet_service_id:
              -
                id: "19 (source firewall.internet-service.id)"
            output_device: "<your_own_value> (source system.interface.name)"
            protocol: "0"
            seq_num: "0"
            src:
              -
                subnet: "<your_own_value>"
            src_negate: "enable"
            srcaddr:
              -
                name: "default_name_27 (source firewall.address.name firewall.addrgrp.
↪name)"
            start_port: "0"
            start_source_port: "0"
            status: "enable"
            tos: "<your_own_value>"
            tos_mask: "<your_own_value>"

```

## 6.276.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.276.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.276.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.277 fortios\_router\_policy6 – Configure IPv6 routing policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.277.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.277.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.277.3 Tips

Using member operation to add an element to an existing object.

## 6.277.4 FortiOS Version Compatibility

## 6.277.5 Parameters

## 6.277.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.277.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 routing policies.
  fortios_router_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_policy6:
      action: "deny"
      comments: "<your_own_value>"
      dst:
        -
          addr6: "<your_own_value>"
          dst_negate: "enable"
```

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```

dstaddr:
-
  name: "default_name_9 (source )"
end_port: "65535"
gateway: "<your_own_value>"
input_device:
-
  name: "default_name_13 (source system.interface.name)"
input_device_negate: "enable"
internet_service_custom:
-
  name: "default_name_16 (source )"
internet_service_id:
-
  id: "18 (source )"
output_device: "<your_own_value> (source system.interface.name)"
protocol: "0"
seq_num: "0"
src:
-
  addr6: "<your_own_value>"
src_negate: "enable"
srcaddr:
-
  name: "default_name_26 (source )"
start_port: "1"
status: "enable"
tos: "<your_own_value>"
tos_mask: "<your_own_value>"

```

### 6.277.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.277.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.277.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.278 fortios\_router\_prefix\_list – Configure IPv4 prefix lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.278.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and prefix\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.278.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.278.3 Tips

Using member operation to add an element to an existing object.

### 6.278.4 FortiOS Version Compatibility

### 6.278.5 Parameters

### 6.278.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.278.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 prefix lists.
  fortios_router_prefix_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_prefix_list:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          flags: "2147483647"
          ge: ""
          id: "9"
          le: ""
          prefix: "<your_own_value>"
```

## 6.278.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.278.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.278.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.279 fortios\_router\_prefix\_list6 – Configure IPv6 prefix lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.279.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and prefix\_list6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.279.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.279.3 Tips

Using member operation to add an element to an existing object.



## 6.279.4 FortiOS Version Compatibility

## 6.279.5 Parameters

## 6.279.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.279.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 prefix lists.
  fortios_router_prefix_list6:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_prefix_list6:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          flags: "0"
          ge: ""
          id: "9"
          le: ""
          prefix6: "<your_own_value>"
```

## 6.279.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.279.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.279.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.280 fortios\_router\_rip – Configure RIP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.280.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and rip category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.280.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.280.3 Tips

Using member operation to add an element to an existing object.

### 6.280.4 FortiOS Version Compatibility

### 6.280.5 Parameters

### 6.280.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.280.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure RIP.
      fortios_router_rip:
        vdom: "{{ vdom }}"
        router_rip:
          default_information_originate: "enable"
          default_metric: "1"
          distance:
            -
              access_list: "<your_own_value> (source router.access-list.name)"
              distance: "0"
              id: "8"
              prefix: "<your_own_value>"
          distribute_list:
            -
              direction: "in"
              id: "12"
              interface: "<your_own_value> (source system.interface.name)"
              listname: "<your_own_value> (source router.access-list.name router.prefix-
↪list.name)"
              status: "enable"
              garbage_timer: "120"
          interface:
            -
              auth_keychain: "<your_own_value> (source router.key-chain.name)"
              auth_mode: "none"
              auth_string: "<your_own_value>"
```

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```

    flags: "8"
    name: "default_name_22 (source system.interface.name)"
    receive_version: "1"
    send_version: "1"
    send_version2_broadcast: "disable"
    split_horizon: "poisoned"
    split_horizon_status: "enable"
    max_out_metric: "0"
    neighbor:
    -
        id: "30"
        ip: "<your_own_value>"
    network:
    -
        id: "33"
        prefix: "<your_own_value>"
    offset_list:
    -
        access_list: "<your_own_value> (source router.access-list.name)"
        direction: "in"
        id: "38"
        interface: "<your_own_value> (source system.interface.name)"
        offset: "0"
        status: "enable"
    passive_interface:
    -
        name: "default_name_43 (source system.interface.name)"
    recv_buffer_size: "655360"
    redistribute:
    -
        metric: "0"
        name: "default_name_47"
        routemap: "<your_own_value> (source router.route-map.name)"
        status: "enable"
    timeout_timer: "180"
    update_timer: "30"
    version: "1"

```

## 6.280.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.280.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.280.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.281 fortios\_router\_ripng – Configure RIPng in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.281.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and ripng category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.281.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.281.3 Tips

Using member operation to add an element to an existing object.

## 6.281.4 FortiOS Version Compatibility

### 6.281.5 Parameters

### 6.281.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.281.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure RIPng.
  fortios_router_ripng:
    vdom: "{{ vdom }}"
    router_ripng:
      aggregate_address:
        -
          id: "4"
          prefix6: "<your_own_value>"
          default_information_originate: "enable"
          default_metric: "1"
          distance:
            -
              access_list6: "<your_own_value> (source router.access-list6.name)"
              distance: "0"
              id: "11"
              prefix6: "<your_own_value>"
            distribute_list:
              -
                direction: "in"
                id: "15"
                interface: "<your_own_value> (source system.interface.name)"
                listname: "<your_own_value> (source router.access-list6.name router.
↪prefix-list6.name)"
                status: "enable"
                garbage_timer: "120"
              interface:
                -
                  flags: "8"
                  name: "default_name_22 (source system.interface.name)"
                  split_horizon: "poisoned"
                  split_horizon_status: "enable"
```

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```

max_out_metric: "0"
neighbor:
-
  id: "27"
  interface: "<your_own_value> (source system.interface.name)"
  ip6: "<your_own_value>"
network:
-
  id: "31"
  prefix: "<your_own_value>"
offset_list:
-
  access_list6: "<your_own_value> (source router.access-list6.name)"
  direction: "in"
  id: "36"
  interface: "<your_own_value> (source system.interface.name)"
  offset: "0"
  status: "enable"
passive_interface:
-
  name: "default_name_41 (source system.interface.name)"
redistribute:
-
  metric: "0"
  name: "default_name_44"
  routemap: "<your_own_value> (source router.route-map.name)"
  status: "enable"
timeout_timer: "180"
update_timer: "30"

```

### 6.281.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.281.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.281.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.282 fortios\_router\_route\_map – Configure route maps in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.282.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and route\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.282.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.282.3 Tips

Using member operation to add an element to an existing object.

### 6.282.4 FortiOS Version Compatibility

### 6.282.5 Parameters

### 6.282.6 Notes



**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

**6.282.7 Examples**

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure route maps.
      fortios_router_route_map:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_route_map:
          comments: "<your_own_value>"
          name: "default_name_4"
          rule:
            -
              action: "permit"
              id: "7"
              match_as_path: "<your_own_value> (source router.aspath-list.name)"
              match_community: "<your_own_value> (source router.community-list.name)"
              match_community_exact: "enable"
              match_flags: "32767"
              match_interface: "<your_own_value> (source system.interface.name)"
              match_ip_address: "<your_own_value> (source router.access-list.name_
↪router.prefix-list.name)"
              match_ip nexthop: "<your_own_value> (source router.access-list.name_
↪router.prefix-list.name)"
              match_ip6_address: "<your_own_value> (source router.access-list6.name_
↪router.prefix-list6.name)"
              match_ip6 nexthop: "<your_own_value> (source router.access-list6.name_
↪router.prefix-list6.name)"
              match_metric: ""
              match_origin: "none"
              match_route_type: "external-type1"
              match_tag: ""
              match_vrf: ""
              set_aggregator_as: "0"
              set_aggregator_ip: "<your_own_value>"
              set_aspath:
                -
                  as: "<your_own_value>"
              set_aspath_action: "prepend"
              set_atomic_aggregate: "enable"
              set_community:
                -
```

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```

        community: "<your_own_value>"
        set_community_additive: "enable"
        set_community_delete: "<your_own_value> (source router.community-list.
↪name) "

        set_dampening_max_suppress: "0"
        set_dampening_reachability_half_life: "0"
        set_dampening_reuse: "0"
        set_dampening_suppress: "0"
        set_dampening_unreachability_half_life: "0"
        set_extcommunity_rt:
        -
            community: "<your_own_value>"
            set_extcommunity_soo:
            -
                community: "<your_own_value>"
                set_flags: "32767"
                set_ipnexthop: "<your_own_value>"
                set_ip6nexthop: "<your_own_value>"
                set_ip6nexthop_local: "<your_own_value>"
                set_local_preference: ""
                set_metric: ""
                set_metric_type: "external-type1"
                set_origin: "none"
                set_originator_id: "<your_own_value>"
                set_priority: ""
                set_route_tag: ""
                set_tag: ""
                set_weight: ""

```

## 6.282.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.282.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.282.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.283 fortios\_router\_setting – Configure router settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.283.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and setting category. Examples include all parameters and values need to be adjusted to data-sources before usage. Tested with FOS v6.0.0

### 6.283.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.283.3 Tips

Using member operation to add an element to an existing object.

### 6.283.4 FortiOS Version Compatibility

### 6.283.5 Parameters

### 6.283.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.283.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure router settings.
  fortios_router_setting:
    vdom: "{{ vdom }}"
    router_setting:
      bgp_debug_flags: "<your_own_value>"
      hostname: "myhostname"
      igmp_debug_flags: "<your_own_value>"
      imi_debug_flags: "<your_own_value>"
      isis_debug_flags: "<your_own_value>"
      ospf_debug_events_flags: "<your_own_value>"
      ospf_debug_ifsm_flags: "<your_own_value>"
      ospf_debug_lsa_flags: "<your_own_value>"
      ospf_debug_n fsm_flags: "<your_own_value>"
      ospf_debug_nsm_flags: "<your_own_value>"
      ospf_debug_packet_flags: "<your_own_value>"
      ospf_debug_route_flags: "<your_own_value>"
      ospf6_debug_events_flags: "<your_own_value>"
      ospf6_debug_ifsm_flags: "<your_own_value>"
      ospf6_debug_lsa_flags: "<your_own_value>"
      ospf6_debug_n fsm_flags: "<your_own_value>"
      ospf6_debug_nsm_flags: "<your_own_value>"
      ospf6_debug_packet_flags: "<your_own_value>"
      ospf6_debug_route_flags: "<your_own_value>"
      pimdm_debug_flags: "<your_own_value>"
      pimsm_debug_joinprune_flags: "<your_own_value>"
      pimsm_debug_simple_flags: "<your_own_value>"
      pimsm_debug_timer_flags: "<your_own_value>"
      rip_debug_flags: "<your_own_value>"
      ripng_debug_flags: "<your_own_value>"
      show_filter: "<your_own_value> (source router.prefix-list.name)"
```

## 6.283.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.283.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.283.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.284 fortios\_router\_static – Configure IPv4 static routing tables in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.284.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and static category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.284.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.284.3 Tips

Using member operation to add an element to an existing object.

### 6.284.4 FortiOS Version Compatibility

### 6.284.5 Parameters

### 6.284.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.284.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv4 static routing tables.
  fortios_router_static:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    router_static:
      bfd: "enable"
      blackhole: "enable"
      comment: "Optional comments."
      device: "<your_own_value> (source system.interface.name)"
      distance: "10"
      dst: "<your_own_value>"
      dstaddr: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↳name) "
      dynamic_gateway: "enable"
      gateway: "<your_own_value>"
      internet_service: "0"
      internet_service_custom: "<your_own_value> (source firewall.internet-service-
↳custom.name) "
      link_monitor_exempt: "enable"
      priority: "1"
      sdwan: "enable"
      sdwan_zone:
        -
          name: "default_name_18 (source system.sdwan.zone.name)"
          seq_num: "0"
```

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```
src: "<your_own_value>"
status: "enable"
virtual_wan_link: "enable"
vrf: "0"
weight: "0"
```

### 6.284.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.284.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.284.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.285 fortios\_router\_static6 – Configure IPv6 static routing tables in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.285.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify router feature and static6 category. Examples include all parameters and values need to be adjusted to data-sources before usage. Tested with FOS v6.0.0

## 6.285.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.285.3 Tips

Using member operation to add an element to an existing object.

## 6.285.4 FortiOS Version Compatibility

## 6.285.5 Parameters

## 6.285.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.285.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv6 static routing tables.
      fortios_router_static6:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        router_static6:
```

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```

bfd: "enable"
blackhole: "enable"
comment: "Optional comments."
device: "<your_own_value> (source system.interface.name) "
devindex: "0"
distance: "10"
dst: "<your_own_value>"
dstaddr: "<your_own_value> (source )"
dynamic_gateway: "enable"
gateway: "<your_own_value>"
link_monitor_exempt: "enable"
priority: "1024"
sdwan: "enable"
sdwan_zone:
  -
    name: "default_name_17 (source system.sdwan.zone.name) "
seq_num: "0"
status: "enable"
virtual_wan_link: "enable"
vrf: "0"
weight: "0"

```

## 6.285.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.285.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.285.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.286 fortios\_sctp\_filter\_profile – Configure SCTP filter profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.286.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify sctp\_filter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.286.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.286.3 Tips

Using member operation to add an element to an existing object.

### 6.286.4 FortiOS Version Compatibility

### 6.286.5 Parameters

### 6.286.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.286.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SCTP filter profiles.
  fortios_sctp_filter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    sctp_filter_profile:
      comment: "Comment."
      name: "default_name_4"
      ppid_filters:
        -
          action: "pass"
          comment: "Comment."
          id: "8"
          ppid: ""
```

## 6.286.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.286.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.286.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.287 fortios\_spamfilter\_bwl – Configure anti-spam black/white list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.287.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and bwl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.287.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.287.3 Tips

Using member operation to add an element to an existing object.

### 6.287.4 FortiOS Version Compatibility

### 6.287.5 Parameters

### 6.287.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.287.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure anti-spam black/white list.
  fortios_spamfilter_bwl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_bwl:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          addr_type: "ipv4"
          email_pattern: "<your_own_value>"
          id: "8"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          pattern_type: "wildcard"
          status: "enable"
          type: "ip"
    id: "14"
    name: "default_name_15"
```

## 6.287.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.287.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.287.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.288 fortios\_spamfilter\_bword – Configure AntiSpam banned word list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.288.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and bword category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.288.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.288.3 Tips

Using member operation to add an element to an existing object.

### 6.288.4 FortiOS Version Compatibility

### 6.288.5 Parameters

### 6.288.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.288.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam banned word list.
  fortios_spamfilter_bword:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_bword:
      comment: "Optional comments."
      entries:
        -
          action: "spam"
          id: "6"
          language: "western"
          pattern: "<your_own_value>"
          pattern_type: "wildcard"
          score: "49999"
          status: "enable"
          where: "subject"
    id: "13"
    name: "default_name_14"
```

## 6.288.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.288.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.288.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.289 fortios\_spamfilter\_dnsbl – Configure AntiSpam DNSBL/ORBL in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.289.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and dnsbl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.289.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.289.3 Tips

Using member operation to add an element to an existing object.



## 6.289.4 FortiOS Version Compatibility

## 6.289.5 Parameters

## 6.289.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.289.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam DNSBL/ORBL.
  fortios_spamfilter_dnsbl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_dnsbl:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          id: "6"
          server: "192.168.100.40"
          status: "enable"
    id: "9"
    name: "default_name_10"
```

## 6.289.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.289.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.289.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

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## 6.290 fortios\_spamfilter\_fortishield – Configure FortiGuard - Anti-Spam in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.290.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and fortishield category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.290.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.290.3 Tips

Using member operation to add an element to an existing object.

## 6.290.4 FortiOS Version Compatibility

## 6.290.5 Parameters

## 6.290.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.290.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiGuard - AntiSpam.
  fortios_spamfilter_fortishield:
    vdom: "{{ vdom }}"
    spamfilter_fortishield:
      spam_submit_force: "enable"
      spam_submit_srv: "<your_own_value>"
      spam_submit_txt2htm: "enable"
```

## 6.290.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.290.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.290.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.291 fortios\_spamfilter\_iptrust – Configure AntiSpam IP trust in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.291.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and iptrust category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.291.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.291.3 Tips

Using member operation to add an element to an existing object.

### 6.291.4 FortiOS Version Compatibility

### 6.291.5 Parameters

### 6.291.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.291.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam IP trust.
  fortios_spamfilter_iptrust:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_iptrust:
      comment: "Optional comments."
      entries:
        -
          addr_type: "ipv4"
          id: "6"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          status: "enable"
    id: "10"
    name: "default_name_11"
```

## 6.291.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.291.9 Status

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## 6.291.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

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## 6.292 fortios\_spamfilter\_mheader – Configure AntiSpam MIME header in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.292.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and mheader category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.292.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.292.3 Tips

Using member operation to add an element to an existing object.

## 6.292.4 FortiOS Version Compatibility

## 6.292.5 Parameters

## 6.292.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.292.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam MIME header.
  fortios_spamfilter_mheader:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_mheader:
      comment: "Optional comments."
      entries:
        -
          action: "spam"
          fieldbody: "<your_own_value>"
          fieldname: "<your_own_value>"
          id: "8"
          pattern_type: "wildcard"
          status: "enable"
    id: "11"
    name: "default_name_12"
```

## 6.292.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.292.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.292.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.293 fortios\_spamfilter\_options – Configure AntiSpam options in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.293.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.293.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9



### 6.293.3 Tips

Using member operation to add an element to an existing object.

### 6.293.4 FortiOS Version Compatibility

### 6.293.5 Parameters

### 6.293.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.293.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure AntiSpam options.
      fortios_spamfilter_options:
        vdom: "{{ vdom }}"
        spamfilter_options:
          dns_timeout: "15"
```

### 6.293.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.293.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.293.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.294 fortios\_spamfilter\_profile – Configure AntiSpam profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.294.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify spamfilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.294.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.294.3 Tips

Using member operation to add an element to an existing object.

## 6.294.4 FortiOS Version Compatibility

## 6.294.5 Parameters

## 6.294.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.294.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure AntiSpam profiles.
  fortios_spamfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    spamfilter_profile:
      comment: "Comment."
      external: "enable"
      flow_based: "enable"
      gmail:
        log: "enable"
      imap:
        action: "pass"
        log: "enable"
        tag_msg: "<your_own_value>"
        tag_type: "subject"
      mapi:
        action: "pass"
        log: "enable"
      msn_hotmail:
        log: "enable"
    name: "default_name_18"
    options: "bannedword"
    pop3:
      action: "pass"
      log: "enable"
      tag_msg: "<your_own_value>"
      tag_type: "subject"
    replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
    smtp:
      action: "pass"
```

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```
    hdrip: "disable"
    local_override: "disable"
    log: "enable"
    tag_msg: "<your_own_value>"
    tag_type: "subject"
    spam_bwl_table: "2147483647"
    spam_bword_table: "2147483647"
    spam_bword_threshold: "1073741823"
    spam_filtering: "enable"
    spam_iptrust_table: "2147483647"
    spam_log: "disable"
    spam_log_fortiguard_response: "disable"
    spam_mheader_table: "2147483647"
    spam_rbl_table: "2147483647"
    yahoo_mail:
      log: "enable"
```

### 6.294.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.294.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.294.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.295 fortios\_ssh\_filter\_profile – Configure SSH filter profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.295.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify ssh\_filter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.295.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.295.3 Tips

Using member operation to add an element to an existing object.

### 6.295.4 FortiOS Version Compatibility

### 6.295.5 Parameters

### 6.295.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.295.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSH filter profile.
  fortios_ssh_filter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    ssh_filter_profile:
      block: "x11"
      default_command_log: "enable"
      file_filter:
        entries:
          -
            action: "log"
            comment: "Comment."
            direction: "incoming"
            file_type:
              -
                name: "default_name_11 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
                password_protected: "yes"
                protocol: "ssh"
            log: "enable"
            scan_archive_contents: "enable"
            status: "enable"
      log: "x11"
    name: "default_name_19"
    shell_commands:
      -
        action: "block"
        alert: "enable"
        id: "23"
        log: "enable"
        pattern: "<your_own_value>"
        severity: "low"
        type: "simple"
```

## 6.295.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.295.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.295.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.296 fortios\_switch\_controller\_802\_1x\_settings – Configure global 802.1X settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.296.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and 802\_1x\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.296.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.296.3 Tips

Using member operation to add an element to an existing object.

### 6.296.4 FortiOS Version Compatibility

### 6.296.5 Parameters

### 6.296.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.296.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure global 802.1X settings.
  fortios_switch_controller_802_1x_settings:
    vdom: "{{ vdom }}"
    switch_controller_802_1x_settings:
      link_down_auth: "set-unauth"
      mab_reauth: "disable"
      max_reauth_attempt: "3"
      reauth_period: "60"
      tx_period: "30"
```

### 6.296.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.296.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.296.10 Authors

- Link Zheng (@chillancezen)



- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.297 fortios\_switch\_controller\_auto\_config\_custom – Policies which can override the ‘default’ for specific ISL/ICL/FortiLink interface in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.297.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_auto\_config feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.297.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.297.3 Tips

Using member operation to add an element to an existing object.

---

**6.297. fortios\_switch\_controller\_auto\_config\_custom – Policies which can override the ‘default’ for specific ISL/ICL/FortiLink interface in Fortinet’s FortiOS and FortiGate.**

## 6.297.4 FortiOS Version Compatibility

## 6.297.5 Parameters

## 6.297.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.297.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Policies which can override the 'default' for specific ISL/ICL/FortiLink_
    ↪interface.
    fortios_switch_controller_auto_config_custom:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      switch_controller_auto_config_custom:
        name: "default_name_3"
        switch_binding:
          -
            ↪name) "
            policy: "<your_own_value> (source switch-controller.auto-config.policy.
            switch_id: "<your_own_value>"
```

## 6.297.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.297.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.297.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.298 fortios\_switch\_controller\_auto\_config\_default – Policies which are applied automatically to all ISL/ICL/FortiLink interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.298.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_auto\_config feature and default category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.298.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.298.3 Tips

Using member operation to add an element to an existing object.

## 6.298.4 FortiOS Version Compatibility

## 6.298.5 Parameters

## 6.298.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.298.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Policies which are applied automatically to all ISL/ICL/FortiLink_
    ↪ interfaces.
    fortios_switch_controller_auto_config_default:
      vdom: "{{ vdom }}"
      switch_controller_auto_config_default:
        fgt_policy: "<your_own_value> (source switch-controller.auto-config.policy.
    ↪ name) "
        icl_policy: "<your_own_value> (source switch-controller.auto-config.policy.
    ↪ name) "
        isl_policy: "<your_own_value> (source switch-controller.auto-config.policy.
    ↪ name) "
```

## 6.298.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.298.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.298.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.299 fortios\_switch\_controller\_auto\_config\_policy – Policy definitions which can define the behavior on auto configured interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.299.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_auto\_config feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.299.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.299.3 Tips

Using member operation to add an element to an existing object.

## 6.299.4 FortiOS Version Compatibility

## 6.299.5 Parameters

## 6.299.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.299.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Policy definitions which can define the behavior on auto configured_
↪ interfaces.
    fortios_switch_controller_auto_config_policy:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      switch_controller_auto_config_policy:
        igmp_flood_report: "enable"
        igmp_flood_traffic: "enable"
        name: "default_name_5"
        poe_status: "enable"
        qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.name) "
        storm_control_policy: "<your_own_value> (source switch-controller.storm-
↪ control-policy.name) "
```

## 6.299.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.299.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.299.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.300 fortios\_switch\_controller\_custom\_command – Configure the FortiGate switch controller to send custom commands to managed FortiSwitch devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.300.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and custom\_command category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.300.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.300.3 Tips

Using member operation to add an element to an existing object.

---

**6.300. fortios\_switch\_controller\_custom\_command – Configure the FortiGate switch controller to send custom commands to managed FortiSwitch devices in Fortinet’s FortiOS and FortiGate.**

## 6.300.4 FortiOS Version Compatibility

## 6.300.5 Parameters

## 6.300.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.300.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure the FortiGate switch controller to send custom commands to
    ↪managed FortiSwitch devices.
    fortios_switch_controller_custom_command:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      switch_controller_custom_command:
        command: "<your_own_value>"
        command_name: "<your_own_value>"
        description: "<your_own_value>"
```

## 6.300.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.300.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.300.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.301 fortios\_switch\_controller\_dynamic\_port\_policy – Configure Dynamic port policy to be applied on the managed FortiSwitch ports through DPP device in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.301.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and dynamic\_port\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.301.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.301.3 Tips

Using member operation to add an element to an existing object.

## 6.301.4 FortiOS Version Compatibility

## 6.301.5 Parameters

## 6.301.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.301.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure Dynamic port policy to be applied on the managed FortiSwitch_
    ↪ ports through DPP device.
    fortios_switch_controller_dynamic_port_policy:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      switch_controller_dynamic_port_policy:
        description: "<your_own_value>"
        fortilink: "<your_own_value> (source system.interface.name)"
        name: "default_name_5"
        policy:
          -
            set_802_1x: "<your_own_value> (source switch-controller.security-policy.
            ↪ 802-1X.name switch-controller.security-policy.captive-portal.name)"
            bounce_port_link: "disable"
            category: "device"
            description: "<your_own_value>"
            family: "<your_own_value>"
            host: "myhostname"
            hw_vendor: "<your_own_value>"
            interface_tags:
              -
                tag_name: "<your_own_value> (source switch-controller.switch-
                ↪ interface-tag.name)"
                lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.
                ↪ name)"
                mac: "<your_own_value>"
                name: "default_name_18"
                qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.
                ↪ name)"
                status: "enable"
```

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```

type: "<your_own_value>"
vlan_policy: "<your_own_value> (source switch-controller.vlan-policy.name)

```

### 6.301.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.301.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.301.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.302 fortios\_switch\_controller\_flow\_tracking – Configure FortiSwitch flow tracking and export via ipfix/netflow in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.302.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and flow\_tracking category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.302.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.302.3 Tips

Using member operation to add an element to an existing object.

### 6.302.4 FortiOS Version Compatibility

### 6.302.5 Parameters

### 6.302.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.302.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch flow tracking and export via ipfix/netflow.
  fortios_switch_controller_flow_tracking:
    vdom: "{{ vdom }}"
    switch_controller_flow_tracking:
      aggregates:
        -
```

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```

    id: "4"
    ip: "<your_own_value>"
    collector_ip: "<your_own_value>"
    collector_port: "0"
    collectors:
    -
      ip: "<your_own_value>"
      name: "default_name_10"
      port: "0"
      transport: "udp"
    format: "netflow1"
    level: "vlan"
    max_export_pkt_size: "512"
    sample_mode: "local"
    sample_rate: "512"
    template_export_period: "5"
    timeout_general: "3600"
    timeout_icmp: "300"
    timeout_max: "604800"
    timeout_tcp: "3600"
    timeout_tcp_fin: "300"
    timeout_tcp_rst: "120"
    timeout_udp: "300"
    transport: "udp"

```

### 6.302.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.302.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.302.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.303 fortios\_switch\_controller\_fortilink\_settings – Configure integrated FortiLink settings for FortiSwitch in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.303.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and fortilink\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.303.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.303.3 Tips

Using member operation to add an element to an existing object.

### 6.303.4 FortiOS Version Compatibility

### 6.303.5 Parameters

### 6.303.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.303.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure integrated FortiLink settings for FortiSwitch.
  fortios_switch_controller_fortilink_settings:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_fortilink_settings:
      fortilink: "<your_own_value> (source system.interface.name)"
      inactive_timer: "15"
      link_down_flush: "disable"
      nac_ports:
        bounce_nac_port: "disable"
        lan_segment: "enabled"
        member_change: "0"
        nac_lan_interface: "<your_own_value> (source system.interface.name)"
        nac_segment_vlans:
          -
            vlan_name: "<your_own_value> (source system.interface.name)"
            onboarding_vlan: "<your_own_value> (source system.interface.name)"
            parent_key: "<your_own_value>"
    name: "default_name_15"
```

### 6.303.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.303.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.303.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.304 fortios\_switch\_controller\_global – Configure FortiSwitch global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.304.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.304.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.304.3 Tips

Using member operation to add an element to an existing object.



## 6.304.4 FortiOS Version Compatibility

## 6.304.5 Parameters

## 6.304.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.304.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch global settings.
  fortios_switch_controller_global:
    vdom: "{{ vdom }}"
    switch_controller_global:
      allow_multiple_interfaces: "enable"
      bounce_quarantined_link: "disable"
      custom_command:
        -
          command_entry: "<your_own_value>"
          command_name: "<your_own_value> (source switch-controller.custom-command.
↪command-name)"
          default_virtual_switch_vlan: "<your_own_value> (source system.interface.name)"
          dhcp_server_access_list: "enable"
          disable_discovery:
            -
              name: "default_name_11"
              fips_enforce: "disable"
              firmware_provision_on_authorization: "enable"
              https_image_push: "enable"
              log_mac_limit_violations: "enable"
              mac_aging_interval: "300"
              mac_event_logging: "enable"
              mac_retention_period: "24"
              mac_violation_timer: "0"
              quarantine_mode: "by-vlan"
              sn_dns_resolution: "enable"
              update_user_device: "mac-cache"
              vlan_all_mode: "all"
              vlan_optimization: "enable"
```

## 6.304.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.304.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.304.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.305 fortios\_switch\_controller\_igmp\_snooping – Configure FortiSwitch IGMP snooping global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.305.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and igmp\_snooping category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.305.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.305.3 Tips

Using member operation to add an element to an existing object.

### 6.305.4 FortiOS Version Compatibility

### 6.305.5 Parameters

### 6.305.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.305.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch IGMP snooping global settings.
  fortios_switch_controller_igmp_snooping:
    vdom: "{{ vdom }}"
    switch_controller_igmp_snooping:
      aging_time: "300"
      flood_unknown_multicast: "enable"
      query_interval: "125"
```

## 6.305.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.305.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.305.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.306 fortios\_switch\_controller\_initial\_config\_template – Configure template for auto-generated VLANs in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.306.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_initial\_config feature and template category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.306.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.306.3 Tips

Using member operation to add an element to an existing object.

### 6.306.4 FortiOS Version Compatibility

### 6.306.5 Parameters

### 6.306.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.306.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure template for auto-generated VLANs.
  fortios_switch_controller_initial_config_template:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_initial_config_template:
      allowaccess: "ping"
      auto_ip: "enable"
      dhcp_server: "enable"
      ip: "<your_own_value>"
      name: "default_name_7"
      vlanid: "0"
```

## 6.306.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.306.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.306.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.307 fortios\_switch\_controller\_initial\_config\_vlans – Configure initial template for auto-generated VLAN interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.307.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_initial\_config feature and vlans category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.307.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.307.3 Tips

Using member operation to add an element to an existing object.

### 6.307.4 FortiOS Version Compatibility

### 6.307.5 Parameters

### 6.307.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.307.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure initial template for auto-generated VLAN interfaces.
  fortios_switch_controller_initial_config_vlans:
    vdom: "{{ vdom }}"
    switch_controller_initial_config_vlans:
      default_vlan: "<your_own_value> (source switch-controller.initial-config.
↪template.name) "
      nac: "<your_own_value> (source switch-controller.initial-config.template.name)
↪"
      nac_segment: "<your_own_value> (source switch-controller.initial-config.
↪template.name) "
      quarantine: "<your_own_value> (source switch-controller.initial-config.
↪template.name) "
```

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```
    rspan: "<your_own_value> (source switch-controller.initial-config.template.  
↪name) "  
    video: "<your_own_value> (source switch-controller.initial-config.template.  
↪name) "  
    voice: "<your_own_value> (source switch-controller.initial-config.template.  
↪name) "
```

### 6.307.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.307.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.307.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.308 fortios\_switch\_controller\_lddp\_profile – Configure FortiSwitch LLDP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*



- *Return Values*
- *Status*
- *Authors*

### 6.308.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and lldp\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.308.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.308.3 Tips

Using member operation to add an element to an existing object.

### 6.308.4 FortiOS Version Compatibility

### 6.308.5 Parameters

### 6.308.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.308.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSwitch LLDP profiles.
      fortios_switch_controller_lldp_profile:
        vdom: "{{ vdom }}"
        state: "present"
```

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```

access_token: "<your_own_value>"
switch_controller_lldp_profile:
  tlvs_802dot1: "port-vlan-id"
  tlvs_802dot3: "max-frame-size"
  auto_isl: "disable"
  auto_isl_hello_timer: "3"
  auto_isl_port_group: "0"
  auto_isl_receive_timeout: "60"
  auto_mclag_icl: "disable"
  custom_tlvs:
    -
      information_string: "<your_own_value>"
      name: "default_name_12"
      oui: "<your_own_value>"
      subtype: "0"
  med_location_service:
    -
      name: "default_name_16"
      status: "disable"
      sys_location_id: "<your_own_value> (source switch-controller.location.
↪name) "
  med_network_policy:
    -
      assign_vlan: "disable"
      dscp: "0"
      name: "default_name_22"
      priority: "0"
      status: "disable"
      vlan: "2047"
      vlan_intf: "<your_own_value> (source system.interface.name) "
  med_tlvs: "inventory-management"
  name: "default_name_28"

```

## 6.308.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.308.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.308.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.309 fortios\_switch\_controller\_lldp\_settings – Configure FortiSwitch LLDP settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.309.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and lldp\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.309.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.309.3 Tips

Using member operation to add an element to an existing object.

### 6.309.4 FortiOS Version Compatibility

### 6.309.5 Parameters

### 6.309.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.309.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch LLDP settings.
  fortios_switch_controller_lldp_settings:
    vdom: "{{ vdom }}"
    switch_controller_lldp_settings:
      device_detection: "disable"
      fast_start_interval: "2"
      management_interface: "internal"
      status: "enable"
      tx_hold: "4"
      tx_interval: "30"
```

## 6.309.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.309.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.309.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.310 fortios\_switch\_controller\_location – Configure FortiSwitch location services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.310.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and location category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.310.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.310.3 Tips

Using member operation to add an element to an existing object.

### 6.310.4 FortiOS Version Compatibility

### 6.310.5 Parameters

### 6.310.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.310.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure FortiSwitch location services.
  fortios_switch_controller_location:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_location:
      address_civic:
        additional: "<your_own_value>"
        additional_code: "<your_own_value>"
        block: "<your_own_value>"
        branch_road: "<your_own_value>"
        building: "<your_own_value>"
        city: "<your_own_value>"
        city_division: "<your_own_value>"
        country: "<your_own_value>"
        country_subdivision: "<your_own_value>"
        county: "<your_own_value>"
        direction: "<your_own_value>"
        floor: "<your_own_value>"
        landmark: "<your_own_value>"
        language: "<your_own_value>"
        name: "default_name_18"
        number: "<your_own_value>"
        number_suffix: "<your_own_value>"
        parent_key: "<your_own_value>"
        place_type: "<your_own_value>"
        post_office_box: "<your_own_value>"
        postal_community: "<your_own_value>"
        primary_road: "<your_own_value>"
        road_section: "<your_own_value>"
        room: "<your_own_value>"
        script: "<your_own_value>"
        seat: "<your_own_value>"
        street: "<your_own_value>"
        street_name_post_mod: "<your_own_value>"
        street_name_pre_mod: "<your_own_value>"
        street_suffix: "<your_own_value>"
        sub_branch_road: "<your_own_value>"
        trailing_str_suffix: "<your_own_value>"
        unit: "<your_own_value>"
        zip: "<your_own_value>"
      coordinates:
        altitude: "<your_own_value>"
        altitude_unit: "m"
        datum: "WGS84"

```

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```

latitude: "<your_own_value>"
longitude: "<your_own_value>"
parent_key: "<your_own_value>"
elin_number:
  elin_num: "<your_own_value>"
  parent_key: "<your_own_value>"
name: "default_name_48"

```

### 6.310.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.310.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.310.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.311 fortios\_switch\_controller\_mac\_policy – Configure MAC policy to be applied on the managed FortiSwitch devices through NAC device in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.311.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and mac\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.311.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.311.3 Tips

Using member operation to add an element to an existing object.

### 6.311.4 FortiOS Version Compatibility

### 6.311.5 Parameters

### 6.311.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.311.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure MAC policy to be applied on the managed FortiSwitch devices
      through NAC device.
```

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```

fortios_switch_controller_mac_policy:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  switch_controller_mac_policy:
    bounce_port_link: "disable"
    count: "disable"
    description: "<your_own_value>"
    drop: "disable"
    fortilink: "<your_own_value> (source system.interface.name)"
    name: "default_name_8"
    traffic_policy: "<your_own_value> (source switch-controller.traffic-policy.
↪name)"
    vlan: "<your_own_value> (source system.interface.name)"

```

### 6.311.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.311.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.311.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.312 fortios\_switch\_controller\_mac\_sync\_settings – Configure global MAC synchronization settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.312.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and mac\_sync\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.312.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.312.3 Tips

Using member operation to add an element to an existing object.

### 6.312.4 FortiOS Version Compatibility

### 6.312.5 Parameters

### 6.312.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.312.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure global MAC synchronization settings.
  fortios_switch_controller_mac_sync_settings:
    vdom: "{{ vdom }}"
    switch_controller_mac_sync_settings:
      mac_sync_interval: "900"

```

### 6.312.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.312.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.312.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.313 fortios\_switch\_controller\_managed\_switch – Configure FortiSwitch devices that are managed by this FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.313.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and managed\_switch category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.313.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.313.3 Tips

Using member operation to add an element to an existing object.

### 6.313.4 FortiOS Version Compatibility

### 6.313.5 Parameters

### 6.313.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.313.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```

ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch devices that are managed by this FortiGate.
  fortios_switch_controller_managed_switch:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_managed_switch:
      settings_802_1X:
        link_down_auth: "set-unauth"
        local_override: "enable"
        mab_reauth: "disable"
        max_reauth_attempt: "3"
        reauth_period: "60"
        tx_period: "30"
      access_profile: "<your_own_value> (source switch-controller.security-policy.
↪local-access.name) "
      custom_command:
        -
          command_entry: "<your_own_value>"
          command_name: "<your_own_value> (source switch-controller.custom-command.
↪command-name) "
      delayed_restart_trigger: "0"
      description: "<your_own_value>"
      dhcp_server_access_list: "global"
      directly_connected: "0"
      dynamic_capability: "<your_own_value>"
      dynamically_discovered: "0"
      firmware_provision: "enable"
      firmware_provision_latest: "disable"
      firmware_provision_version: "<your_own_value>"
      flow_identity: "<your_own_value>"
      fsw_wan1_admin: "discovered"
      fsw_wan1_peer: "<your_own_value> (source system.interface.name) "
      fsw_wan2_admin: "discovered"
      fsw_wan2_peer: "<your_own_value>"
      igmp_snooping:
        aging_time: "300"
        flood_unknown_multicast: "enable"
        local_override: "enable"
      vlans:
        -
          proxy: "disable"
          querier: "disable"
          querier_addr: "<your_own_value>"
          version: "2"
          vlan_name: "<your_own_value> (source system.interface.name) "
      ip_source_guard:
        -
          binding_entry:
            -
              entry_name: "<your_own_value>"
              ip: "<your_own_value>"
              mac: "<your_own_value>"
              description: "<your_own_value>"
              port: "<your_own_value>"
      13_discovered: "0"

```

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```

max_allowed_trunk_members: "0"
mclag_igmp_snooping_aware: "enable"
mirror:
-
  dst: "<your_own_value>"
  name: "default_name_50"
  src_egress:
  -
    name: "default_name_52"
  src_ingress:
  -
    name: "default_name_54"
  status: "active"
  switching_packet: "enable"
name: "default_name_57"
override_snmp_community: "enable"
override_snmp_sysinfo: "disable"
override_snmp_trap_threshold: "enable"
override_snmp_user: "enable"
owner_vdom: "<your_own_value>"
poe_detection_type: "0"
poe_lldp_detection: "enable"
poe_pre_standard_detection: "enable"
ports:
-
  access_mode: "dynamic"
  aggregator_mode: "bandwidth"
  allowed_vlans:
  -
    vlan_name: "<your_own_value> (source system.interface.name)"
  allowed_vlans_all: "enable"
  arp_inspection_trust: "untrusted"
  bundle: "enable"
  description: "<your_own_value>"
  dhcp_snoop_option82_trust: "enable"
  dhcp_snooping: "untrusted"
  discard_mode: "none"
  edge_port: "enable"
  export_tags:
  -
    tag_name: "<your_own_value> (source switch-controller.switch-
↪interface-tag.name)"
    export_to: "<your_own_value> (source system.vdom.name)"
    export_to_pool: "<your_own_value> (source switch-controller.virtual-port-
↪pool.name)"
    export_to_pool_flag: "0"
    fec_capable: "0"
    fec_state: "disabled"
    fgt_peer_device_name: "<your_own_value>"
    fgt_peer_port_name: "<your_own_value>"
    fiber_port: "0"
    flags: "0"
    flap_duration: "30"
    flap_rate: "5"
    flap_timeout: "0"
    flapguard: "enable"
    flow_control: "disable"

```

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```

    fortilink_port: "0"
    igmp_snooping: "enable"
    igmp_snooping_flood_reports: "enable"
    igmps_flood_reports: "enable"
    igmps_flood_traffic: "enable"
    interface_tags:
    -
      tag_name: "<your_own_value> (source switch-controller.switch-
↪interface-tag.name)"
      ip_source_guard: "disable"
      isl_local_trunk_name: "<your_own_value>"
      isl_peer_device_name: "<your_own_value>"
      isl_peer_port_name: "<your_own_value>"
      lacp_speed: "slow"
      learning_limit: "0"
      lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.
↪name)"
      lldp_status: "disable"
      loop_guard: "enabled"
      loop_guard_timeout: "45"
      mac_addr: "<your_own_value>"
      matched_dpp_intf_tags: "<your_own_value>"
      matched_dpp_policy: "<your_own_value>"
      max_bundle: "24"
      mcast_snooping_flood_traffic: "enable"
      mclag: "enable"
      mclag_icl_port: "0"
      media_type: "<your_own_value>"
      member_withdrawal_behavior: "forward"
      members:
      -
        member_name: "<your_own_value>"
        min_bundle: "1"
        mode: "static"
        p2p_port: "0"
        packet_sample_rate: "512"
        packet_sampler: "enabled"
        pause_meter: "0"
        pause_meter_resume: "75%"
        poe_capable: "0"
        poe_max_power: "<your_own_value>"
        poe_pre_standard_detection: "enable"
        poe_standard: "<your_own_value>"
        poe_status: "enable"
        port_name: "<your_own_value>"
        port_number: "0"
        port_owner: "<your_own_value>"
        port_policy: "<your_own_value> (source switch-controller.dynamic-port-
↪policy.name)"
        port_prefix_type: "0"
        port_security_policy: "<your_own_value> (source switch-controller.
↪security-policy.802-1X.name)"
        port_selection_criteria: "src-mac"
        ptp_policy: "<your_own_value> (source switch-controller.ptp.policy.name)"
        qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.
↪name)"
        rpvst_port: "disabled"

```

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```

    sample_direction: "tx"
    sflow_counter_interval: "0"
    sflow_sample_rate: "49999"
    sflow_sampler: "enabled"
    speed: "10half"
    speed_mask: "2147483647"
    stacking_port: "0"
    status: "up"
    sticky_mac: "enable"
    storm_control_policy: "<your_own_value> (source switch-controller.storm-
↪control-policy.name) "
    stp_bpdu_guard: "enabled"
    stp_bpdu_guard_timeout: "5"
    stp_root_guard: "enabled"
    stp_state: "enabled"
    switch_id: "<your_own_value>"
    type: "physical"
    untagged_vlans:
      -
        vlan_name: "<your_own_value> (source system.interface.name) "
    virtual_port: "0"
    vlan: "<your_own_value> (source system.interface.name) "
    pre_provisioned: "0"
    qos_drop_policy: "taildrop"
    qos_red_probability: "12"
    remote_log:
      -
        csv: "enable"
        facility: "kernel"
        name: "default_name_171"
        port: "514"
        server: "192.168.100.40"
        severity: "emergency"
        status: "enable"
    snmp_community:
      -
        events: "cpu-high"
        hosts:
          -
            id: "179"
            ip: "<your_own_value>"
            id: "181"
            name: "default_name_182"
            query_v1_port: "161"
            query_v1_status: "disable"
            query_v2c_port: "161"
            query_v2c_status: "disable"
            status: "disable"
            trap_v1_lport: "162"
            trap_v1_rport: "162"
            trap_v1_status: "disable"
            trap_v2c_lport: "162"
            trap_v2c_rport: "162"
            trap_v2c_status: "disable"
    snmp_sysinfo:
      contact_info: "<your_own_value>"
      description: "<your_own_value>"

```

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```

    engine_id: "<your_own_value>"
    location: "<your_own_value>"
    status: "disable"
snmp_trap_threshold:
    trap_high_cpu_threshold: "80"
    trap_log_full_threshold: "90"
    trap_low_memory_threshold: "80"
snmp_user:
-
    auth_proto: "md5"
    auth_pwd: "<your_own_value>"
    name: "default_name_207"
    priv_proto: "aes128"
    priv_pwd: "<your_own_value>"
    queries: "disable"
    query_port: "161"
    security_level: "no-auth-no-priv"
staged_image_version: "<your_own_value>"
static_mac:
-
    description: "<your_own_value>"
    id: "216"
    interface: "<your_own_value>"
    mac: "<your_own_value>"
    type: "static"
    vlan: "<your_own_value> (source system.interface.name)"
storm_control:
    broadcast: "enable"
    local_override: "enable"
    rate: "500"
    unknown_multicast: "enable"
    unknown_unicast: "enable"
stp_instance:
-
    id: "228"
    priority: "0"
stp_settings:
    forward_time: "15"
    hello_time: "2"
    local_override: "enable"
    max_age: "20"
    max_hops: "20"
    name: "default_name_236"
    pending_timer: "4"
    revision: "0"
    status: "enable"
switch_device_tag: "<your_own_value>"
switch_dhcp_opt43_key: "<your_own_value>"
switch_id: "<your_own_value>"
switch_log:
    local_override: "enable"
    severity: "emergency"
    status: "enable"
switch_profile: "<your_own_value> (source switch-controller.switch-profile.
↪name) "
switch_stp_settings:
    status: "enable"

```

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```
tdr_supported: "<your_own_value>"
type: "virtual"
version: "0"
```

### 6.313.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.313.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.313.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.314 fortios\_switch\_controller\_nac\_device – Configure/list NAC devices learned on the managed FortiSwitch ports which matches NAC policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.314.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and nac\_device category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.314.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.314.3 Tips

Using member operation to add an element to an existing object.

### 6.314.4 FortiOS Version Compatibility

### 6.314.5 Parameters

### 6.314.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.314.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure/list NAC devices learned on the managed FortiSwitch ports which
      ↪ matches NAC policy.
      fortios_switch_controller_nac_device:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
```

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**6.314. fortios\_switch\_controller\_nac\_device – Configure/list NAC devices learned on the managed FortiSwitch ports which matches NAC policy in Fortinet’s FortiOS and FortiGate.**

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```
switch_controller_nac_device:
  description: "<your_own_value>"
  id: "4"
  last_known_port: "<your_own_value>"
  last_known_switch: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id) "
  last_seen: "2147483647"
  mac: "<your_own_value>"
  mac_policy: "<your_own_value> (source switch-controller.mac-policy.name) "
  matched_nac_policy: "<your_own_value> (source user.nac-policy.name) "
  port_policy: "<your_own_value> (source switch-controller.port-policy.name) "
  status: "enable"
```

### 6.314.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.314.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.314.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.315 fortios\_switch\_controller\_nac\_settings – Configure integrated NAC settings for FortiSwitch in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.315.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and nac\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.315.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.315.3 Tips

Using member operation to add an element to an existing object.

### 6.315.4 FortiOS Version Compatibility

### 6.315.5 Parameters

### 6.315.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.315.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure integrated NAC settings for FortiSwitch.
  fortios_switch_controller_nac_settings:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_nac_settings:
      auto_auth: "disable"
      bounce_nac_port: "disable"
      inactive_timer: "720"
      link_down_flush: "disable"
      mode: "local"
      name: "default_name_8"
      onboarding_vlan: "<your_own_value> (source system.interface.name)"
```

### 6.315.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.315.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.315.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.316 fortios\_switch\_controller\_network\_monitor\_settings – Configure network monitor settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.316.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and network\_monitor\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.316.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.316.3 Tips

Using member operation to add an element to an existing object.

### 6.316.4 FortiOS Version Compatibility

### 6.316.5 Parameters

### 6.316.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.316.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure network monitor settings.
  fortios_switch_controller_network_monitor_settings:
    vdom: "{{ vdom }}"
    switch_controller_network_monitor_settings:
      network_monitoring: "enable"
```

### 6.316.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.316.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.316.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.317 fortios\_switch\_controller\_poe – List PoE end-points status in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*



- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.317.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and poe category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.317.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.317.3 Tips

Using member operation to add an element to an existing object.

### 6.317.4 FortiOS Version Compatibility

### 6.317.5 Parameters

### 6.317.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.317.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: List PoE end-points status.
  fortios_switch_controller_poe:
    vdom: "{{ vdom }}"
    switch_controller_poe:
      fortiswitch_id: "<your_own_value>"
```

## 6.317.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.317.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.317.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.318 fortios\_switch\_controller\_port\_policy – Configure port policy to be applied on the managed FortiSwitch ports through NAC device in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.318.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and port\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.318.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.318.3 Tips

Using member operation to add an element to an existing object.

### 6.318.4 FortiOS Version Compatibility

### 6.318.5 Parameters

### 6.318.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.318.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure port policy to be applied on the managed FortiSwitch ports,
  ↪through NAC device.
  fortios_switch_controller_port_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_port_policy:
      ↪set_802_1x: "<your_own_value> (source switch-controller.security-policy.802-
      ↪1x.name switch-controller.security-policy.captive-portal.name) "
      bounce_port_link: "disable"
      description: "<your_own_value>"
      fortilink: "<your_own_value> (source system.interface.name) "
      lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.name) "
      name: "default_name_8"
      qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.name) "
      vlan_policy: "<your_own_value> (source switch-controller.vlan-policy.name) "
```

## 6.318.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.318.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.318.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.319 fortios\_switch\_controller\_ptp\_policy – PTP policy configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.319.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_ptp feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.319.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.319.3 Tips

Using member operation to add an element to an existing object.

### 6.319.4 FortiOS Version Compatibility

### 6.319.5 Parameters

### 6.319.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.319.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: PTP policy configuration.
  fortios_switch_controller_ptp_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_ptp_policy:
      name: "default_name_3"
      status: "disable"
```

### 6.319.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.319.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.319.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.320 fortios\_switch\_controller\_ptp\_settings – Global PTP settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.320.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_ptp feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.320.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.320.3 Tips

Using member operation to add an element to an existing object.

### 6.320.4 FortiOS Version Compatibility

### 6.320.5 Parameters

### 6.320.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.320.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global PTP settings.
  fortios_switch_controller_ptp_settings:
    vdom: "{{ vdom }}"
    switch_controller_ptp_settings:
      mode: "disable"
```

## 6.320.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.320.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.320.10 Authors

- Link Zheng (@chillancezen)
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- Frank Shen (@frankshen01)
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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.321 fortios\_switch\_controller\_qos\_dot1p\_map – Configure FortiSwitch QoS 802.1p in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*



- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.321.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_qos feature and dot1p\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.321.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.321.3 Tips

Using member operation to add an element to an existing object.

### 6.321.4 FortiOS Version Compatibility

### 6.321.5 Parameters

### 6.321.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.321.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch QoS 802.1p.
  fortios_switch_controller_qos_dot1p_map:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_qos_dot1p_map:
      description: "<your_own_value>"
      egress_pri_tagging: "disable"
      name: "default_name_5"
      priority_0: "queue-0"
      priority_1: "queue-0"
      priority_2: "queue-0"
      priority_3: "queue-0"
      priority_4: "queue-0"
      priority_5: "queue-0"
      priority_6: "queue-0"
      priority_7: "queue-0"
```

## 6.321.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.321.9 Status

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---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.322 fortios\_switch\_controller\_qos\_ip\_dscp\_map – Configure FortiSwitch QoS IP precedence/DSCP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.322.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_qos feature and ip\_dscp\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.322.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.322.3 Tips

Using member operation to add an element to an existing object.

### 6.322.4 FortiOS Version Compatibility

### 6.322.5 Parameters

### 6.322.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.322.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch QoS IP precedence/DSCP.
  fortios_switch_controller_qos_ip_dscp_map:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_qos_ip_dscp_map:
      description: "<your_own_value>"
      map:
        -
          cos_queue: "0"
          diffserv: "CS0"
          ip_precedence: "network-control"
          name: "default_name_8"
          value: "<your_own_value>"
      name: "default_name_10"
```

## 6.322.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.322.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.322.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.323 fortios\_switch\_controller\_qos\_qos\_policy – Configure FortiSwitch QoS policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.323.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_qos feature and qos\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.323.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.323.3 Tips

Using member operation to add an element to an existing object.

### 6.323.4 FortiOS Version Compatibility

### 6.323.5 Parameters

### 6.323.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.323.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch QoS policy.
  fortios_switch_controller_qos_qos_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_qos_qos_policy:
      default_cos: "0"
      name: "default_name_4"
      queue_policy: "<your_own_value> (source switch-controller.qos.queue-policy.
↪name) "
      trust_dot1p_map: "<your_own_value> (source switch-controller.qos.dot1p-map.
↪name) "
      trust_ip_dscp_map: "<your_own_value> (source switch-controller.qos.ip-dscp-
↪map.name) "
```

### 6.323.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.323.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.323.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.324 fortios\_switch\_controller\_qos\_queue\_policy – Configure FortiSwitch QoS egress queue policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.324.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_qos feature and queue\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.324.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.324.3 Tips

Using member operation to add an element to an existing object.

## 6.324.4 FortiOS Version Compatibility

## 6.324.5 Parameters

## 6.324.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.324.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch QoS egress queue policy.
  fortios_switch_controller_qos_queue_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_qos_queue_policy:
      cos_queue:
        -
          description: "<your_own_value>"
          drop_policy: "taildrop"
          ecn: "disable"
          max_rate: "0"
          max_rate_percent: "0"
          min_rate: "0"
          min_rate_percent: "0"
          name: "default_name_11"
          weight: "1"
    name: "default_name_13"
    rate_by: "kbps"
    schedule: "strict"
```

## 6.324.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.324.9 Status

- This module is not guaranteed to have a backwards compatible interface.



### 6.324.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.325 fortios\_switch\_controller\_quarantine – Configure FortiSwitch quarantine support in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.325.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and quarantine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.325.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.325.3 Tips

Using member operation to add an element to an existing object.

### 6.325.4 FortiOS Version Compatibility

### 6.325.5 Parameters

### 6.325.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.325.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch quarantine support.
  fortios_switch_controller_quarantine:
    vdom: "{{ vdom }}"
    switch_controller_quarantine:
      quarantine: "enable"
      targets:
        -
          description: "<your_own_value>"
          entry_id: "2147483647"
          mac: "<your_own_value>"
          tag:
            -
              tags: "<your_own_value>"
```

### 6.325.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.325.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.325.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.326 fortios\_switch\_controller\_remote\_log – Configure logging by FortiSwitch device to a remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.326.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and remote\_log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.326.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.326.3 Tips

Using member operation to add an element to an existing object.

### 6.326.4 FortiOS Version Compatibility

### 6.326.5 Parameters

### 6.326.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.326.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure logging by FortiSwitch device to a remote syslog server.
  fortios_switch_controller_remote_log:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_remote_log:
      csv: "enable"
      facility: "kernel"
      name: "default_name_5"
      port: "514"
      server: "192.168.100.40"
      severity: "emergency"
      status: "enable"
```

### 6.326.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.326.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.326.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.327 fortios\_switch\_controller\_security\_policy\_802\_1x – Configure 802.1x MAC Authentication Bypass (MAB) policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.327.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_security\_policy feature and 802\_1x category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.327.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.327.3 Tips

Using member operation to add an element to an existing object.

### 6.327.4 FortiOS Version Compatibility

### 6.327.5 Parameters

### 6.327.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.327.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure 802.1x MAC Authentication Bypass (MAB) policies.
  fortios_switch_controller_security_policy_802_1x:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_security_policy_802_1x:
      auth_fail_vlan: "disable"
      auth_fail_vlan_id: "<your_own_value> (source system.interface.name)"
      auth_fail_vlanid: "32767"
      authserver_timeout_period: "3"
      authserver_timeout_vlan: "disable"
      authserver_timeout_vlanid: "<your_own_value> (source system.interface.name)"
      eap_auto_untagged_vlans: "disable"
      eap_passthru: "disable"
      framevid_apply: "disable"
      guest_auth_delay: "30"
      guest_vlan: "disable"
      guest_vlan_id: "<your_own_value> (source system.interface.name)"
      guest_vlanid: "32767"
      mac_auth_bypass: "disable"
      name: "default_name_17"
      open_auth: "disable"
      policy_type: "802.1X"
      radius_timeout_overwrite: "disable"
      security_mode: "802.1X"
      user_group:
```

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```

-
  name: "default_name_23 (source user.group.name) "

```

### 6.327.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.327.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.327.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.328 fortios\_switch\_controller\_security\_policy\_captive\_portal – Names of VLANs that use captive portal authentication in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.328.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_security\_policy feature and captive\_portal category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.328.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.328.3 Tips

Using member operation to add an element to an existing object.

## 6.328.4 FortiOS Version Compatibility

## 6.328.5 Parameters

## 6.328.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.328.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Names of VLANs that use captive portal authentication.
      fortios_switch_controller_security_policy_captive_portal:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        switch_controller_security_policy_captive_portal:
```

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```

name: "default_name_3"
policy_type: "captive-portal"
vlan: "<your_own_value> (source system.interface.name) "

```

### 6.328.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.328.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.328.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.329 fortios\_switch\_controller\_security\_policy\_local\_access – Configure allowaccess list for mgmt and internal interfaces on managed FortiSwitch units in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

---

**6.329. fortios\_switch\_controller\_security\_policy\_local\_access – Configure allowaccess list for 797 mgmt and internal interfaces on managed FortiSwitch units in Fortinet’s FortiOS and FortiGate.**

- *Status*
- *Authors*

### 6.329.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller\_security\_policy feature and local\_access category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.329.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.329.3 Tips

Using member operation to add an element to an existing object.

### 6.329.4 FortiOS Version Compatibility

### 6.329.5 Parameters

### 6.329.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.329.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure allowaccess list for mgmt and internal interfaces on managed_
    ↪FortiSwitch units.
    fortios_switch_controller_security_policy_local_access:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
```

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```
switch_controller_security_policy_local_access:
  internal_allowaccess: "https"
  mgmt_allowaccess: "https"
  name: "default_name_5"
```

### 6.329.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.329.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.329.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.330 fortios\_switch\_controller\_sflow – Configure FortiSwitch sFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.330.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and sflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.330.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.330.3 Tips

Using member operation to add an element to an existing object.

### 6.330.4 FortiOS Version Compatibility

### 6.330.5 Parameters

### 6.330.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.330.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSwitch sFlow.
      fortios_switch_controller_sflow:
        vdom: "{{ vdom }}"
        switch_controller_sflow:
          collector_ip: "<your_own_value>"
          collector_port: "6343"
```

### 6.330.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.330.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.330.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.331 fortios\_switch\_controller\_snmp\_community – Configure FortiSwitch SNMP v1/v2c communities globally in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.331.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and snmp\_community category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.331.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.331.3 Tips

Using member operation to add an element to an existing object.

### 6.331.4 FortiOS Version Compatibility

### 6.331.5 Parameters

### 6.331.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.331.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch SNMP v1/v2c communities globally.
  fortios_switch_controller_snmp_community:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_snmp_community:
      events: "cpu-high"
      hosts:
        -
          id: "5"
          ip: "<your_own_value>"
        id: "7"
```

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```

name: "default_name_8"
query_v1_port: "161"
query_v1_status: "disable"
query_v2c_port: "161"
query_v2c_status: "disable"
status: "disable"
trap_v1_lport: "162"
trap_v1_rport: "162"
trap_v1_status: "disable"
trap_v2c_lport: "162"
trap_v2c_rport: "162"
trap_v2c_status: "disable"

```

### 6.331.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.331.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.331.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.332 fortios\_switch\_controller\_snmp\_sysinfo – Configure FortiSwitch SNMP system information globally in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

---

**6.332. fortios\_switch\_controller\_snmp\_sysinfo – Configure FortiSwitch SNMP system information globally in Fortinet’s FortiOS and FortiGate.**

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.332.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and snmp\_sysinfo category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.332.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.332.3 Tips

Using member operation to add an element to an existing object.

### 6.332.4 FortiOS Version Compatibility

### 6.332.5 Parameters

### 6.332.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.332.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch SNMP system information globally.
  fortios_switch_controller_snmp_sysinfo:
    vdom: "{{ vdom }}"
    switch_controller_snmp_sysinfo:
      contact_info: "<your_own_value>"
      description: "<your_own_value>"
      engine_id: "<your_own_value>"
      location: "<your_own_value>"
      status: "disable"

```

### 6.332.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.332.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.332.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.333 fortios\_switch\_controller\_snmp\_trap\_threshold – Configure FortiSwitch SNMP trap threshold values globally in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.333.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and snmp\_trap\_threshold category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.333.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.333.3 Tips

Using member operation to add an element to an existing object.

### 6.333.4 FortiOS Version Compatibility

### 6.333.5 Parameters

### 6.333.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.333.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch SNMP trap threshold values globally.
  fortios_switch_controller_snmp_trap_threshold:
    vdom: "{{ vdom }}"
    switch_controller_snmp_trap_threshold:
      trap_high_cpu_threshold: "80"
      trap_log_full_threshold: "90"
      trap_low_memory_threshold: "80"

```

### 6.333.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.333.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.333.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.334 fortios\_switch\_controller\_snmp\_user – Configure FortiSwitch SNMP v3 users globally in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.334.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and snmp\_user category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.334.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.334.3 Tips

Using member operation to add an element to an existing object.

### 6.334.4 FortiOS Version Compatibility

### 6.334.5 Parameters

### 6.334.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.334.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure FortiSwitch SNMP v3 users globally.
  fortios_switch_controller_snmp_user:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_snmp_user:
      auth_proto: "md5"
      auth_pwd: "<your_own_value>"
      name: "default_name_5"
      priv_proto: "aes128"
      priv_pwd: "<your_own_value>"
      queries: "disable"
      query_port: "161"
      security_level: "no-auth-no-priv"

```

### 6.334.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.334.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.334.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.335 fortios\_switch\_controller\_storm\_control – Configure FortiSwitch storm control in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.335.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and storm\_control category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.335.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.335.3 Tips

Using member operation to add an element to an existing object.

### 6.335.4 FortiOS Version Compatibility

### 6.335.5 Parameters

### 6.335.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.335.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch storm control.
  fortios_switch_controller_storm_control:
    vdom: "{{ vdom }}"
    switch_controller_storm_control:
      broadcast: "enable"
      rate: "500"
      unknown_multicast: "enable"
      unknown_unicast: "enable"

```

### 6.335.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.335.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.335.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.336 fortios\_switch\_controller\_storm\_control\_policy – Configure FortiSwitch storm control policy to be applied on managed-switch ports in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.336.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and storm\_control\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.336.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.336.3 Tips

Using member operation to add an element to an existing object.

### 6.336.4 FortiOS Version Compatibility

### 6.336.5 Parameters

### 6.336.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.336.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch storm control policy to be applied on managed-switch_
  ↪ports.
  fortios_switch_controller_storm_control_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_storm_control_policy:
      broadcast: "enable"
      description: "<your_own_value>"
      name: "default_name_5"
      rate: "500"
      storm_control_mode: "global"
      unknown_multicast: "enable"
      unknown_unicast: "enable"

```

### 6.336.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.336.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.336.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.337 fortios\_switch\_controller\_stp\_instance – Configure FortiSwitch multiple spanning tree protocol (MSTP) instances in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.337.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and stp\_instance category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.337.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.337.3 Tips

Using member operation to add an element to an existing object.

### 6.337.4 FortiOS Version Compatibility

### 6.337.5 Parameters

### 6.337.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.337.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSwitch multiple spanning tree protocol (MSTP) instances.
      fortios_switch_controller_stp_instance:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        switch_controller_stp_instance:
          id: "3"
          vlan_range:
            -
              vlan_name: "<your_own_value> (source system.interface.name)"

```

### 6.337.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.337.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.337.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.338 fortios\_switch\_controller\_stp\_settings – Configure FortiSwitch spanning tree protocol (STP) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.338.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and stp\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.338.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.338.3 Tips

Using member operation to add an element to an existing object.

### 6.338.4 FortiOS Version Compatibility

### 6.338.5 Parameters

### 6.338.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.338.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch spanning tree protocol (STP).
  fortios_switch_controller_stp_settings:
    vdom: "{{ vdom }}"
    switch_controller_stp_settings:
      forward_time: "15"
      hello_time: "2"
      max_age: "20"
      max_hops: "20"
      name: "default_name_7"
      pending_timer: "4"
      revision: "0"
      status: "enable"
```

## 6.338.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.338.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.338.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.339 fortios\_switch\_controller\_switch\_group – Configure FortiSwitch switch groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.339.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and switch\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.339.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.339.3 Tips

Using member operation to add an element to an existing object.

### 6.339.4 FortiOS Version Compatibility

### 6.339.5 Parameters

### 6.339.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.339.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch switch groups.
  fortios_switch_controller_switch_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_switch_group:
      description: "<your_own_value>"
      fortilink: "<your_own_value> (source system.interface.name)"
      members:
        -
          name: "default_name_6 (source switch-controller.managed-switch.switch-id) "
          switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id) "
          name: "default_name_8"
```

## 6.339.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.339.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.339.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.340 fortios\_switch\_controller\_switch\_interface\_tag – Configure switch object tags in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.340.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and switch\_interface\_tag category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.340.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.340.3 Tips

Using member operation to add an element to an existing object.

### 6.340.4 FortiOS Version Compatibility

### 6.340.5 Parameters

### 6.340.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.340.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure switch object tags.
  fortios_switch_controller_switch_interface_tag:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_switch_interface_tag:
      name: "default_name_3"
```

## 6.340.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.340.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.340.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.341 fortios\_switch\_controller\_switch\_log – Configure FortiSwitch logging (logs are transferred to and inserted into FortiGate event log) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.341. fortios\_switch\_controller\_switch\_log – Configure FortiSwitch logging (logs are transferred to and inserted into FortiGate event log) in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.341.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and switch\_log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.341.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.341.3 Tips

Using member operation to add an element to an existing object.

### 6.341.4 FortiOS Version Compatibility

### 6.341.5 Parameters

### 6.341.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.341.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSwitch logging (logs are transferred to and inserted into_
      ↪FortiGate event log).
      fortios_switch_controller_switch_log:
        vdom: "{{ vdom }}"
        switch_controller_switch_log:
          severity: "emergency"
          status: "enable"

```

### 6.341.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.341.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.341.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.342 fortios\_switch\_controller\_switch\_profile – Configure FortiSwitch switch profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.342.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and switch\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.342.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.342.3 Tips

Using member operation to add an element to an existing object.

### 6.342.4 FortiOS Version Compatibility

### 6.342.5 Parameters

### 6.342.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.342.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSwitch switch profile.
      fortios_switch_controller_switch_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        switch_controller_switch_profile:
          login: "enable"
          login_passwd: "<your_own_value>"
          login_passwd_override: "enable"
          name: "default_name_6"
          revision_backup_on_logout: "enable"
          revision_backup_on_upgrade: "enable"

```

### 6.342.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.342.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.342.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.343 fortios\_switch\_controller\_system – Configure system-wide switch controller settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.343.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and system category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.343.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.343.3 Tips

Using member operation to add an element to an existing object.

### 6.343.4 FortiOS Version Compatibility

### 6.343.5 Parameters

### 6.343.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.343.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure system-wide switch controller settings.
  fortios_switch_controller_system:
    vdom: "{{ vdom }}"
    switch_controller_system:
      data_sync_interval: "60"
      dynamic_periodic_interval: "15"
      iot_holdoff: "5"
      iot_mac_idle: "1440"
      iot_scan_interval: "60"
      iot_weight_threshold: "1"
      nac_periodic_interval: "15"
      parallel_process: "1"
      parallel_process_override: "disable"
      tunnel_mode: "compatible"
```

## 6.343.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.343.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.343.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.344 fortios\_switch\_controller\_traffic\_policy – Configure FortiSwitch traffic policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.344.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and traffic\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.344.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.344.3 Tips

Using member operation to add an element to an existing object.

### 6.344.4 FortiOS Version Compatibility

### 6.344.5 Parameters

### 6.344.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.344.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch traffic policy.
  fortios_switch_controller_traffic_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_traffic_policy:
      cos_queue: ""
      description: "<your_own_value>"
      guaranteed_bandwidth: "10000"
      guaranteed_burst: "45000"
      id: "7"
      maximum_burst: "67500"
      name: "default_name_9"
      policer_status: "enable"
      type: "ingress"
```

## 6.344.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.344.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.344.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.345 fortios\_switch\_controller\_traffic\_sniffer – Configure FortiSwitch RSPAN/ERSPAN traffic sniffing parameters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.345.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and traffic\_sniffer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.345.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.345.3 Tips

Using member operation to add an element to an existing object.

### 6.345.4 FortiOS Version Compatibility

### 6.345.5 Parameters

### 6.345.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.345.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch RSPAN/ERSPAN traffic sniffing parameters.
  fortios_switch_controller_traffic_sniffer:
    vdom: "{{ vdom }}"
    switch_controller_traffic_sniffer:
      erspan_ip: "<your_own_value>"
      mode: "erspan-auto"
      target_ip:
        -
          description: "<your_own_value>"
          dst_entry_id: "2147483647"
          ip: "<your_own_value>"
          src_entry_id: "2147483647"
      target_mac:
        -
          description: "<your_own_value>"
          dst_entry_id: "2147483647"
          mac: "<your_own_value>"
          src_entry_id: "2147483647"
      target_port:
        -
          description: "<your_own_value>"
          in_ports:
            -
              name: "default_name_18"
          out_ports:
            -
              name: "default_name_20"
          switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id)"
```

## 6.345.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.345.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.345.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.346 fortios\_switch\_controller\_virtual\_port\_pool – Configure virtual pool in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.346.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and virtual\_port\_pool category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.346.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.346.3 Tips

Using member operation to add an element to an existing object.

### 6.346.4 FortiOS Version Compatibility

### 6.346.5 Parameters

### 6.346.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.346.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure virtual pool.
      fortios_switch_controller_virtual_port_pool:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        switch_controller_virtual_port_pool:
          description: "<your_own_value>"
          name: "default_name_4"
```

### 6.346.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.346.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.346.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## **6.347 fortios\_switch\_controller\_vlan – Configure VLANs for switch controller in Fortinet’s FortiOS and FortiGate.**

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### **6.347.1 Synopsis**

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and vlan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### **6.347.2 Requirements**

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### **6.347.3 Tips**

Using member operation to add an element to an existing object.

## 6.347.4 FortiOS Version Compatibility

## 6.347.5 Parameters

## 6.347.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.347.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VLANs for switch controller.
  fortios_switch_controller_vlan:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    switch_controller_vlan:
      auth: "radius"
      color: "16"
      comments: "<your_own_value>"
      name: "default_name_6"
      portal_message_override_group: "<your_own_value>"
      portal_message_overrides:
        auth_disclaimer_page: "<your_own_value>"
        auth_login_failed_page: "<your_own_value>"
        auth_login_page: "<your_own_value>"
        auth_reject_page: "<your_own_value>"
      radius_server: "<your_own_value> (source user.radius.name)"
      security: "open"
      selected_usergroups:
        -
          name: "default_name_16 (source user.group.name)"
          usergroup: "<your_own_value> (source user.group.name)"
          vdom: "<your_own_value>"
          vlanid: "2047"
```

## 6.347.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.347.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.347.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.348 fortios\_switch\_controller\_vlan\_policy – Configure VLAN policy to be applied on the managed FortiSwitch ports through dynamic-port-policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.348.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify switch\_controller feature and vlan\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.348.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.348.3 Tips

Using member operation to add an element to an existing object.

## 6.348.4 FortiOS Version Compatibility

## 6.348.5 Parameters

## 6.348.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.348.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure VLAN policy to be applied on the managed FortiSwitch ports,
    ↪through dynamic-port-policy.
    fortios_switch_controller_vlan_policy:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      switch_controller_vlan_policy:
        allowed_vlans:
          -
            vlan_name: "<your_own_value> (source system.interface.name)"
            allowed_vlans_all: "enable"
            description: "<your_own_value>"
            discard_mode: "none"
            fortilink: "<your_own_value> (source system.interface.name)"
            name: "default_name_9"
            untagged_vlans:
              -
                vlan_name: "<your_own_value> (source system.interface.name)"
                vlan: "<your_own_value> (source system.interface.name)"
```

## 6.348.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.348.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.348.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.349 fortios\_system\_3g\_modem\_custom – 3G MODEM custom in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.349.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_3g\_modem feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.349.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.349.3 Tips

Using member operation to add an element to an existing object.

### 6.349.4 FortiOS Version Compatibility

### 6.349.5 Parameters

### 6.349.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.349.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: 3G MODEM custom.
  fortios_system_3g_modem_custom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_3g_modem_custom:
      class_id: "<your_own_value>"
      id: "4"
      init_string: "<your_own_value>"
      model: "<your_own_value>"
      modeswitch_string: "<your_own_value>"
      product_id: "<your_own_value>"
```

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```
vendor: "<your_own_value>"
vendor_id: "<your_own_value>"
```

### 6.349.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.349.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.349.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.350 fortios\_system\_accprofile – Configure access profiles for system administrators in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 6.350.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and accprofile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.350.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.350.3 Tips

Using member operation to add an element to an existing object.

### 6.350.4 FortiOS Version Compatibility

### 6.350.5 Parameters

### 6.350.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.350.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure access profiles for system administrators.
  fortios_system_accprofile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_accprofile:
      admintimeout: "10"
      admintimeout_override: "enable"
```

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```
authgrp: "none"
comments: "<your_own_value>"
ftviewgrp: "none"
fwgrp: "none"
fwgrp_permission:
  address: "none"
  others: "none"
  policy: "none"
  schedule: "none"
  service: "none"
loggrp: "none"
loggrp_permission:
  config: "none"
  data_access: "none"
  report_access: "none"
  threat_weight: "none"
name: "default_name_21"
netgrp: "none"
netgrp_permission:
  cfg: "none"
  packet_capture: "none"
  route_cfg: "none"
scope: "vdom"
secfabgrp: "none"
sysgrp: "none"
sysgrp_permission:
  admin: "none"
  cfg: "none"
  mnt: "none"
  upd: "none"
system_diagnostics: "enable"
system_execute_ssh: "enable"
system_execute_telnet: "enable"
utmgrp: "none"
utmgrp_permission:
  antivirus: "none"
  application_control: "none"
  data_loss_prevention: "none"
  dnsfilter: "none"
  emailfilter: "none"
  endpoint_control: "none"
  file_filter: "none"
  icap: "none"
  ips: "none"
  mmsgtp: "none"
  spamfilter: "none"
  videofilter: "none"
  voip: "none"
  waf: "none"
  webfilter: "none"
vpngrp: "none"
wanoptgrp: "none"
wifi: "none"
```

### 6.350.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.350.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.350.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.351 fortios\_system\_acme – Configure ACME client in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.351.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and acme category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.351.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.351.3 Tips

Using member operation to add an element to an existing object.

### 6.351.4 FortiOS Version Compatibility

### 6.351.5 Parameters

### 6.351.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.351.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure ACME client.
  fortios_system_acme:
    vdom: "{{ vdom }}"
    system_acme:
      accounts:
        -
          ca_url: "<your_own_value>"
          email: "<your_own_value>"
          id: "6"
          privatekey: "<your_own_value>"
          status: "<your_own_value>"
          url: "myurl.com"
```

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```

interface:
-
  interface_name: "<your_own_value> (source system.interface.name) "
  source_ip: "84.230.14.43"
  source_ip6: "<your_own_value>"

```

### 6.351.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.351.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.351.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.352 fortios\_system\_admin – Configure admin users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.352.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.352.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.352.3 Tips

Using member operation to add an element to an existing object.

### 6.352.4 FortiOS Version Compatibility

### 6.352.5 Parameters

### 6.352.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.352.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure admin users.
      fortios_system_admin:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_admin:
```

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```

accprofile: "<your_own_value> (source system.accprofile.name)"
accprofile_override: "enable"
allow_remove_admin_session: "enable"
comments: "<your_own_value>"
email_to: "<your_own_value>"
force_password_change: "enable"
fortitoken: "<your_own_value>"
guest_auth: "disable"
guest_lang: "<your_own_value> (source system.custom-language.name)"
guest_usergroups:
-
  name: "default_name_13"
gui_dashboard:
-
  columns: "10"
  id: "16"
  layout_type: "responsive"
  name: "default_name_18"
  permanent: "disable"
  scope: "global"
  vdom: "<your_own_value> (source system.vdom.name)"
  widget:
  -
    fabric_device: "<your_own_value>"
    fabric_device_widget_name: "<your_own_value>"
    fabric_device_widget_visualization_type: "<your_own_value>"
    fortiview_device: "<your_own_value>"
    fortiview_filters:
    -
      id: "28"
      key: "<your_own_value>"
      value: "<your_own_value>"
    fortiview_sort_by: "<your_own_value>"
    fortiview_timeframe: "<your_own_value>"
    fortiview_type: "<your_own_value>"
    fortiview_visualization: "<your_own_value>"
    height: "25"
    id: "36"
    industry: "default"
    interface: "<your_own_value> (source system.interface.name)"
    region: "default"
    title: "<your_own_value>"
    type: "sysinfo"
    width: "25"
    x_pos: "500"
    y_pos: "500"
  gui_global_menu_favorites:
  -
    id: "46"
  gui_new_feature_acknowledge:
  -
    id: "48"
  gui_vdom_menu_favorites:
  -
    id: "50"
  hidden: "127"
  history0: "<your_own_value>"

```

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```

history1: "<your_own_value>"
ip6_trusthost1: "myhostname"
ip6_trusthost10: "myhostname"
ip6_trusthost2: "myhostname"
ip6_trusthost3: "myhostname"
ip6_trusthost4: "myhostname"
ip6_trusthost5: "myhostname"
ip6_trusthost6: "myhostname"
ip6_trusthost7: "myhostname"
ip6_trusthost8: "myhostname"
ip6_trusthost9: "myhostname"
login_time:
-
    last_failed_login: "<your_own_value>"
    last_login: "<your_own_value>"
    usr_name: "<your_own_value>"
name: "default_name_68"
password: "<your_own_value>"
password_expire: "<your_own_value>"
peer_auth: "enable"
peer_group: "<your_own_value>"
radius_vdom_override: "enable"
remote_auth: "enable"
remote_group: "<your_own_value>"
schedule: "<your_own_value>"
sms_custom_server: "<your_own_value> (source system.sms-server.name)"
sms_phone: "<your_own_value>"
sms_server: "fortiguard"
ssh_certificate: "<your_own_value> (source certificate.remote.name)"
ssh_public_key1: "<your_own_value>"
ssh_public_key2: "<your_own_value>"
ssh_public_key3: "<your_own_value>"
trusthost1: "myhostname"
trusthost10: "myhostname"
trusthost2: "myhostname"
trusthost3: "myhostname"
trusthost4: "myhostname"
trusthost5: "myhostname"
trusthost6: "myhostname"
trusthost7: "myhostname"
trusthost8: "myhostname"
trusthost9: "myhostname"
two_factor: "disable"
two_factor_authentication: "fortitoken"
two_factor_notification: "email"
vdom:
-
    name: "default_name_98 (source system.vdom.name)"
vdom_override: "enable"
wildcard: "enable"

```

## 6.352.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.352.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.352.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.353 fortios\_system\_affinity\_interrupt – Configure interrupt affinity in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.353.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and affinity\_interrupt category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.353.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.353.3 Tips

Using member operation to add an element to an existing object.

## 6.353.4 FortiOS Version Compatibility

## 6.353.5 Parameters

## 6.353.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.353.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure interrupt affinity.
  fortios_system_affinity_interrupt:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_affinity_interrupt:
      affinity_cpumask: "<your_own_value>"
      id: "4"
      interrupt: "<your_own_value>"
```

## 6.353.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.353.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.353.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.354 fortios\_system\_affinity\_packet\_redistribution – Configure packet redistribution in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.354.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and affinity\_packet\_redistribution category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.354.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.354.3 Tips

Using member operation to add an element to an existing object.

## 6.354.4 FortiOS Version Compatibility

## 6.354.5 Parameters

## 6.354.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.354.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure packet redistribution.
  fortios_system_affinity_packet_redistribution:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_affinity_packet_redistribution:
      affinity_cpumask: "<your_own_value>"
      id: "4"
      interface: "<your_own_value> (source system.interface.name)"
      rxqid: "0"
```

## 6.354.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



### 6.354.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.354.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.355 fortios\_system\_alarm – Configure alarm in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.355.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and alarm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.355.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.355.3 Tips

Using member operation to add an element to an existing object.

## 6.355.4 FortiOS Version Compatibility

## 6.355.5 Parameters

## 6.355.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.355.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure alarm.
  fortios_system_alarm:
    vdom: "{{ vdom }}"
    system_alarm:
      audible: "enable"
      groups:
        -
          admin_auth_failure_threshold: "0"
          admin_auth_lockout_threshold: "0"
          decryption_failure_threshold: "0"
          encryption_failure_threshold: "0"
          fw_policy_id: "0"
          fw_policy_id_threshold: "0"
          fw_policy_violations:
            -
              dst_ip: "<your_own_value>"
              dst_port: "0"
              id: "14"
              src_ip: "<your_own_value>"
```

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```

        src_port: "0"
        threshold: "0"
    id: "18"
    log_full_warning_threshold: "0"
    period: "0"
    replay_attempt_threshold: "0"
    self_test_failure_threshold: "0"
    user_auth_failure_threshold: "0"
    user_auth_lockout_threshold: "0"
    status: "enable"

```

### 6.355.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.355.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.355.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.356 fortios\_system\_alias – Configure alias command in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.356.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and alias category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.356.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.356.3 Tips

Using member operation to add an element to an existing object.

### 6.356.4 FortiOS Version Compatibility

### 6.356.5 Parameters

### 6.356.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.356.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure alias command.
  fortios_system_alias:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_alias:
      command: "<your_own_value>"
      name: "default_name_4"

```

### 6.356.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.356.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.356.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.357 fortios\_system\_api\_user – Configure API users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.357.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and api\_user category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.357.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.357.3 Tips

Using member operation to add an element to an existing object.

### 6.357.4 FortiOS Version Compatibility

### 6.357.5 Parameters

### 6.357.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.357.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure API users.
```

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```

fortios_system_api_user:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  system_api_user:
    accprofile: "<your_own_value> (source system.accprofile.name)"
    api_key: "<your_own_value>"
    comments: "<your_own_value>"
    cors_allow_origin: "<your_own_value>"
    name: "default_name_7"
    peer_auth: "enable"
    peer_group: "<your_own_value>"
    schedule: "<your_own_value>"
    trusthost:
      -
        id: "12"
        ipv4_trusthost: "myhostname"
        ipv6_trusthost: "myhostname"
        type: "ipv4-trusthost"
  vdom:
    -
      name: "default_name_17 (source system.vdom.name)"

```

## 6.357.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.357.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.357.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.358 fortios\_system\_arp\_table – Configure ARP table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.358.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and arp\_table category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.358.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.358.3 Tips

Using member operation to add an element to an existing object.

### 6.358.4 FortiOS Version Compatibility

### 6.358.5 Parameters

### 6.358.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.358.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure ARP table.
  fortios_system_arp_table:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_arp_table:
      id: "3"
      interface: "<your_own_value> (source system.interface.name)"
      ip: "<your_own_value>"
      mac: "<your_own_value>"
```

## 6.358.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.358.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.358.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.359 fortios\_system\_auto\_install – Configure USB auto installation in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.359.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and auto\_install category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.359.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.359.3 Tips

Using member operation to add an element to an existing object.

### 6.359.4 FortiOS Version Compatibility

### 6.359.5 Parameters

### 6.359.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.359.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure USB auto installation.
  fortios_system_auto_install:
    vdom: "{{ vdom }}"
    system_auto_install:
      auto_install_config: "enable"
      auto_install_image: "enable"
      default_config_file: "<your_own_value>"
      default_image_file: "<your_own_value>"
```

## 6.359.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.359.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.359.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.360 fortios\_system\_auto\_script – Configure auto script in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.360.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and auto\_script category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.360.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.360.3 Tips

Using member operation to add an element to an existing object.

### 6.360.4 FortiOS Version Compatibility

### 6.360.5 Parameters

### 6.360.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.360.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure auto script.
  fortios_system_auto_script:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_auto_script:
      interval: "0"
      name: "default_name_4"
      output_size: "10"
      repeat: "1"
      script: "<your_own_value>"
      start: "manual"
      timeout: "0"

```

### 6.360.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.360.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.360.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.361 fortios\_system\_automation\_action – Action for automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.361.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and automation\_action category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.361.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.361.3 Tips

Using member operation to add an element to an existing object.

### 6.361.4 FortiOS Version Compatibility

### 6.361.5 Parameters

### 6.361.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.361.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Action for automation stitches.
  fortios_system_automation_action:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_automation_action:
      accprofile: "<your_own_value> (source system.accprofile.name)"
      action_type: "email"
      alicloud_access_key_id: "<your_own_value>"
      alicloud_access_key_secret: "<your_own_value>"
      alicloud_account_id: "<your_own_value>"
      alicloud_function: "<your_own_value>"
      alicloud_function_authorization: "anonymous"
      alicloud_function_domain: "<your_own_value>"
      alicloud_region: "<your_own_value>"
      alicloud_service: "<your_own_value>"
      alicloud_version: "<your_own_value>"
      aws_api_id: "<your_own_value>"
      aws_api_key: "<your_own_value>"
      aws_api_path: "<your_own_value>"
      aws_api_stage: "<your_own_value>"
      aws_domain: "<your_own_value>"
      aws_region: "<your_own_value>"
      azure_api_key: "<your_own_value>"
      azure_app: "<your_own_value>"
      azure_domain: "<your_own_value>"
      azure_function: "<your_own_value>"
      azure_function_authorization: "anonymous"
      delay: "0"
      description: "<your_own_value>"
      email_body: "<your_own_value>"
      email_from: "<your_own_value>"
      email_subject: "<your_own_value>"
      email_to:
        -
          name: "default_name_31"
          execute_security_fabric: "enable"
          fos_message: "<your_own_value>"
          gcp_function: "<your_own_value>"
          gcp_function_domain: "<your_own_value>"
          gcp_function_region: "<your_own_value>"
          gcp_project: "<your_own_value>"
      headers:
        -
          header: "<your_own_value>"
```

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```
http_body: "<your_own_value>"
http_headers:
-
  id: "42"
  key: "<your_own_value>"
  value: "<your_own_value>"
message_type: "text"
method: "post"
minimum_interval: "0"
name: "default_name_48"
output_size: "10"
port: "0"
protocol: "http"
replacement_message: "enable"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
required: "enable"
script: "<your_own_value>"
sdn_connector:
-
  name: "default_name_57 (source system.sdn-connector.name)"
security_tag: "<your_own_value>"
system_action: "reboot"
timeout: "0"
tls_certificate: "<your_own_value> (source certificate.local.name)"
uri: "<your_own_value>"
verify_host_cert: "enable"
```

### 6.361.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.361.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.361.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.362 fortios\_system\_automation\_destination – Automation destinations in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.362.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and automation\_destination category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.362.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.362.3 Tips

Using member operation to add an element to an existing object.

### 6.362.4 FortiOS Version Compatibility

### 6.362.5 Parameters

### 6.362.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.362.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Automation destinations.
  fortios_system_automation_destination:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_automation_destination:
      destination:
        -
          name: "default_name_4"
          ha_group_id: "0"
          name: "default_name_6"
          type: "fortigate"
```

## 6.362.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.362.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.362.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.363 fortios\_system\_automation\_stitch – Automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.363.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and automation\_stitch category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.363.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.363.3 Tips

Using member operation to add an element to an existing object.

### 6.363.4 FortiOS Version Compatibility

### 6.363.5 Parameters

### 6.363.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.363.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Automation stitches.
  fortios_system_automation_stitch:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_automation_stitch:
      action:
        -
          name: "default_name_4 (source system.automation-action.name)"
      actions:
        -
          action: "<your_own_value> (source system.automation-action.name)"
          delay: "0"
          id: "8"
          required: "enable"
          description: "<your_own_value>"
          destination:
            -
              name: "default_name_12 (source system.automation-destination.name)"
          name: "default_name_13"
          status: "enable"
          trigger: "<your_own_value> (source system.automation-trigger.name)"
```

## 6.363.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.363.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.363.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.364 fortios\_system\_automation\_trigger – Trigger for automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.364.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and automation\_trigger category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.364.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.364.3 Tips

Using member operation to add an element to an existing object.

## 6.364.4 FortiOS Version Compatibility

### 6.364.5 Parameters

### 6.364.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.364.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Trigger for automation stitches.
  fortios_system_automation_trigger:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_automation_trigger:
      description: "<your_own_value>"
      event_type: "ioc"
      fabric_event_name: "<your_own_value>"
      fabric_event_severity: "<your_own_value>"
      faz_event_name: "<your_own_value>"
      faz_event_severity: "<your_own_value>"
      faz_event_tags: "<your_own_value>"
      fields:
        -
          id: "11"
          name: "default_name_12"
          value: "<your_own_value>"
        ioc_level: "medium"
        license_type: "forticare-support"
        logid:
          -
            id: "17"
            name: "default_name_18"
            report_type: "posture"
            serial: "<your_own_value>"
            trigger_datetime: "<your_own_value>"
            trigger_day: "1"
            trigger_frequency: "hourly"
            trigger_hour: "0"
            trigger_minute: "0"
```

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```

trigger_type: "event-based"
trigger_weekday: "sunday"
vdom:
  -
    name: "default_name_29 (source system.vdom.name) "

```

### 6.364.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.364.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.364.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.365 fortios\_system\_autoupdate\_push\_update – Configure push updates in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

---

**6.365. fortios\_system\_autoupdate\_push\_update – Configure push updates in Fortinet’s FortiOS and FortiGate.**

- *Status*
- *Authors*

## 6.365.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_autoupdate feature and push\_update category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.365.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.365.3 Tips

Using member operation to add an element to an existing object.

## 6.365.4 FortiOS Version Compatibility

## 6.365.5 Parameters

## 6.365.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.365.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure push updates.
  fortios_system_autoupdate_push_update:
    vdom: "{{ vdom }}"
    system_autoupdate_push_update:
      address: "<your_own_value>"
      override: "enable"
```

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```
port: "32767"  
status: "enable"
```

### 6.365.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.365.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.365.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.366 fortios\_system\_autoupdate\_schedule – Configure update schedule in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.366.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_autoupdate feature and schedule category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.366.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.366.3 Tips

Using member operation to add an element to an existing object.

## 6.366.4 FortiOS Version Compatibility

## 6.366.5 Parameters

## 6.366.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.366.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure update schedule.
  fortios_system_autoupdate_schedule:
    vdom: "{{ vdom }}"
    system_autoupdate_schedule:
      day: "Sunday"
      frequency: "every"
      status: "enable"
      time: "<your_own_value>"
```

### 6.366.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.366.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.366.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.367 fortios\_system\_autoupdate\_tunneling – Configure web proxy tunneling for the FDN in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.367.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify `system_autoupdate` feature and tunneling category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.367.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.367.3 Tips

Using member operation to add an element to an existing object.

### 6.367.4 FortiOS Version Compatibility

### 6.367.5 Parameters

### 6.367.6 Notes

---

**Note:**

- Legacy `fortiosapi` has been deprecated, `httpapi` is the preferred way to run playbooks
- 

### 6.367.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure web proxy tunneling for the FDN.
  fortios_system_autoupdate_tunneling:
    vdom: "{{ vdom }}"
    system_autoupdate_tunneling:
      address: "<your_own_value>"
      password: "<your_own_value>"
      port: "0"
      status: "enable"
      username: "<your_own_value>"
```

## 6.367.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.367.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.367.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.368 fortios\_system\_central\_management – Configure central management in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.368.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and central\_management category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.368.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.368.3 Tips

Using member operation to add an element to an existing object.

## 6.368.4 FortiOS Version Compatibility

## 6.368.5 Parameters

## 6.368.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.368.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure central management.
  fortios_system_central_management:
    vdom: "{{ vdom }}"
    system_central_management:
      allow_monitor: "enable"
      allow_push_configuration: "enable"
      allow_push_firmware: "enable"
      allow_remote_firmware_upgrade: "enable"
      ca_cert: "<your_own_value>"
      enc_algorithm: "default"
      fmg: "<your_own_value>"
      fmg_source_ip: "<your_own_value>"
```

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```

fmg_source_ip6: "<your_own_value>"
fmg_update_port: "8890"
include_default_servers: "enable"
interface: "<your_own_value> (source system.interface.name)"
interface_select_method: "auto"
local_cert: "<your_own_value>"
mode: "normal"
schedule_config_restore: "enable"
schedule_script_restore: "enable"
serial_number: "<your_own_value>"
server_list:
  -
    addr_type: "ipv4"
    fqdn: "<your_own_value>"
    id: "24"
    server_address: "<your_own_value>"
    server_address6: "<your_own_value>"
    server_type: "update"
type: "fortimanager"
vdom: "<your_own_value> (source system.vdom.name)"

```

### 6.368.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.368.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.368.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.369 fortios\_system\_cluster\_sync – Configure FortiGate Session Life Support Protocol (FGSP) session synchronization in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.369.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and cluster\_sync category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.369.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.369.3 Tips

Using member operation to add an element to an existing object.

### 6.369.4 FortiOS Version Compatibility

### 6.369.5 Parameters

### 6.369.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks



## 6.369.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure FortiGate Session Life Support Protocol (FGSP) session_
    ↪synchronization.
    fortios_system_cluster_sync:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_cluster_sync:
        down_intf_before_sess_sync:
          -
            name: "default_name_4 (source system.interface.name)"
            hb_interval: "2"
            hb_lost_threshold: "3"
            ike_heartbeat_interval: "3"
            ike_monitor: "enable"
            ike_monitor_interval: "15"
            ike_seqjump_speed: "10"
            ipsec_tunnel_sync: "enable"
            peerip: "<your_own_value>"
            peervd: "<your_own_value> (source system.vdom.name)"
            secondary_add_ipsec_routes: "enable"
            session_sync_filter:
              custom_service:
                -
                  dst_port_range: "<your_own_value>"
                  id: "18"
                  src_port_range: "<your_own_value>"
                  dstaddr: "<your_own_value>"
                  dstaddr6: "<your_own_value>"
                  dstintf: "<your_own_value> (source system.interface.name)"
                  srcaddr: "<your_own_value>"
                  srcaddr6: "<your_own_value>"
                  srcintf: "<your_own_value> (source system.interface.name)"
            slave_add_ike_routes: "enable"
            sync_id: "0"
            syncvd:
              -
                name: "default_name_29 (source system.vdom.name)"
```

## 6.369.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.369.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.369.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.370 fortios\_system\_console – Configure console in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.370.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and console category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.370.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.370.3 Tips

Using member operation to add an element to an existing object.

### 6.370.4 FortiOS Version Compatibility

### 6.370.5 Parameters

### 6.370.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.370.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure console.
  fortios_system_console:
    vdom: "{{ vdom }}"
    system_console:
      baudrate: "9600"
      fortiexplorer: "enable"
      login: "enable"
      mode: "batch"
      output: "standard"
```

## 6.370.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.370.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.370.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.371 fortios\_system\_csf – Add this FortiGate to a Security Fabric or set up a new Security Fabric on this FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.371.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and csf category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.371.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.371.3 Tips

Using member operation to add an element to an existing object.

### 6.371.4 FortiOS Version Compatibility

### 6.371.5 Parameters

### 6.371.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.371.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Add this FortiGate to a Security Fabric or set up a new Security Fabric on
    ↪this FortiGate.
    fortios_system_csf:
      vdom: "{{ vdom }}"
      system_csf:
        accept_auth_by_cert: "disable"
        authorization_request_type: "serial"
        certificate: "<your_own_value> (source certificate.local.name)"
        configuration_sync: "default"
        downstream_access: "enable"
        downstream_accprofile: "<your_own_value> (source system.accprofile.name)"
        fabric_connector:
```

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```

-
  accprofile: "<your_own_value> (source system.accprofile.name) "
  configuration_write_access: "enable"
  serial: "<your_own_value>"
fabric_device:
-
  access_token: "<your_own_value>"
  device_ip: "<your_own_value>"
  device_type: "fortimail"
  https_port: "443"
  login: "<your_own_value>"
  name: "default_name_19"
  password: "<your_own_value>"
  fabric_object_unification: "default"
  fabric_workers: "2"
  fixed_key: "<your_own_value>"
  forticloud_account_enforcement: "enable"
  group_name: "<your_own_value>"
  group_password: "<your_own_value>"
  log_unification: "disable"
  management_ip: "<your_own_value>"
  management_port: "32767"
  saml_configuration_sync: "default"
  status: "enable"
  trusted_list:
-
    action: "accept"
    authorization_type: "serial"
    certificate: "<your_own_value>"
    downstream_authorization: "enable"
    ha_members: "<your_own_value>"
    name: "default_name_38"
    serial: "<your_own_value>"
  upstream: "<your_own_value>"
  upstream_ip: "<your_own_value>"
  upstream_port: "8013"

```

## 6.371.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.371.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.371.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.372 fortios\_system\_custom\_language – Configure custom languages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.372.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and custom\_language category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.372.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.372.3 Tips

Using member operation to add an element to an existing object.

## 6.372.4 FortiOS Version Compatibility

## 6.372.5 Parameters

## 6.372.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.372.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure custom languages.
  fortios_system_custom_language:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_custom_language:
      comments: "<your_own_value>"
      filename: "<your_own_value>"
      name: "default_name_5"
```

## 6.372.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.372.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.372.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.373 fortios\_system\_ddns – Configure DDNS in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.373.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ddns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.373.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.373.3 Tips

Using member operation to add an element to an existing object.

## 6.373.4 FortiOS Version Compatibility

### 6.373.5 Parameters

### 6.373.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.373.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DDNS.
  fortios_system_ddns:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_ddns:
      addr_type: "ipv4"
      bound_ip: "<your_own_value>"
      clear_text: "disable"
      ddns_auth: "disable"
      ddns_domain: "<your_own_value>"
      ddns_key: "<your_own_value>"
      ddns_keyname: "<your_own_value>"
      ddns_password: "<your_own_value>"
      ddns_server: "dyndns.org"
      ddns_server_addr:
        -
          addr: "<your_own_value>"
      ddns_server_ip: "<your_own_value>"
      ddns_sn: "<your_own_value>"
      ddns_ttl: "300"
      ddns_username: "<your_own_value>"
      ddns_zone: "<your_own_value>"
      ddnsid: "0"
    monitor_interface:
      -
        interface_name: "<your_own_value> (source system.interface.name)"
      server_type: "ipv4"
      ssl_certificate: "<your_own_value> (source certificate.local.name)"
      update_interval: "300"
      use_public_ip: "disable"
```

### 6.373.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.373.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.373.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.374 fortios\_system\_dedicated\_mgmt – Configure dedicated management in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.374.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dedicated\_mgmt category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.374.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.374.3 Tips

Using member operation to add an element to an existing object.

### 6.374.4 FortiOS Version Compatibility

### 6.374.5 Parameters

### 6.374.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.374.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure dedicated management.
  fortios_system_dedicated_mgmt:
    vdom: "{{ vdom }}"
    system_dedicated_mgmt:
      default_gateway: "<your_own_value>"
      dhcp_end_ip: "<your_own_value>"
      dhcp_netmask: "<your_own_value>"
      dhcp_server: "enable"
      dhcp_start_ip: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      status: "enable"
```

## 6.374.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.374.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.374.10 Authors

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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.375 fortios\_system\_dhcp6\_server – Configure DHCPv6 servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.375.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_dhcp6 feature and server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.375.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.375.3 Tips

Using member operation to add an element to an existing object.

## 6.375.4 FortiOS Version Compatibility

## 6.375.5 Parameters

## 6.375.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.375.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DHCPv6 servers.
  fortios_system_dhcp6_server:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_dhcp6_server:
      delegated_prefix_iaid: "0"
      dns_search_list: "delegated"
      dns_server1: "<your_own_value>"
      dns_server2: "<your_own_value>"
      dns_server3: "<your_own_value>"
      dns_server4: "<your_own_value>"
```

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```

dns_service: "delegated"
domain: "<your_own_value>"
id: "11"
interface: "<your_own_value> (source system.interface.name)"
ip_mode: "range"
ip_range:
-
    end_ip: "<your_own_value>"
    id: "16"
    start_ip: "<your_own_value>"
lease_time: "604800"
option1: "<your_own_value>"
option2: "<your_own_value>"
option3: "<your_own_value>"
prefix_mode: "dhcp6"
prefix_range:
-
    end_prefix: "<your_own_value>"
    id: "25"
    prefix_length: "0"
    start_prefix: "<your_own_value>"
rapid_commit: "disable"
status: "disable"
subnet: "<your_own_value>"
upstream_interface: "<your_own_value> (source system.interface.name)"

```

## 6.375.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.375.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.375.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.376 fortios\_system\_dhcp\_server – Configure DHCP servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.376.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_dhcp feature and server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.376.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.376.3 Tips

Using member operation to add an element to an existing object.

### 6.376.4 FortiOS Version Compatibility

### 6.376.5 Parameters

### 6.376.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 6.376.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure DHCP servers.
      fortios_system_dhcp_server:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_dhcp_server:
          auto_configuration: "disable"
          auto_managed_status: "disable"
          conflicted_ip_timeout: "1800"
          ddns_auth: "disable"
          ddns_key: "<your_own_value>"
          ddns_keyname: "<your_own_value>"
          ddns_server_ip: "<your_own_value>"
          ddns_ttl: "300"
          ddns_update: "disable"
          ddns_update_override: "disable"
          ddns_zone: "<your_own_value>"
          default_gateway: "<your_own_value>"
          dhcp_settings_from_fortipam: "disable"
          dns_server1: "<your_own_value>"
          dns_server2: "<your_own_value>"
          dns_server3: "<your_own_value>"
          dns_server4: "<your_own_value>"
          dns_service: "local"
          domain: "<your_own_value>"
          exclude_range:
            -
              end_ip: "<your_own_value>"
              id: "24"
              start_ip: "<your_own_value>"
              vci_match: "disable"
              vci_string:
                -
                  vci_string: "<your_own_value>"
          filename: "<your_own_value>"
          forticlient_on_net_status: "disable"
          id: "31"
          interface: "<your_own_value> (source system.interface.name)"
          ip_mode: "range"
          ip_range:
            -
              end_ip: "<your_own_value>"
              id: "36"
              start_ip: "<your_own_value>"
              vci_match: "disable"

```

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```

    vci_string:
    -
        vci_string: "<your_own_value>"
    ipsec_lease_hold: "60"
    lease_time: "604800"
    mac_acl_default_action: "assign"
    netmask: "<your_own_value>"
    next_server: "<your_own_value>"
    ntp_server1: "<your_own_value>"
    ntp_server2: "<your_own_value>"
    ntp_server3: "<your_own_value>"
    ntp_service: "local"
    options:
    -
        code: "0"
        id: "52"
        ip: "<your_own_value>"
        type: "hex"
        value: "<your_own_value>"
        vci_match: "disable"
        vci_string:
        -
            vci_string: "<your_own_value>"
    reserved_address:
    -
        action: "assign"
        circuit_id: "<your_own_value>"
        circuit_id_type: "hex"
        description: "<your_own_value>"
        id: "64"
        ip: "<your_own_value>"
        mac: "<your_own_value>"
        remote_id: "<your_own_value>"
        remote_id_type: "hex"
        type: "mac"
    server_type: "regular"
    status: "disable"
    tftp_server:
    -
        tftp_server: "<your_own_value>"
    timezone: "01"
    timezone_option: "disable"
    vci_match: "disable"
    vci_string:
    -
        vci_string: "<your_own_value>"
    wifi_ac_service: "specify"
    wifi_acl1: "<your_own_value>"
    wifi_acl2: "<your_own_value>"
    wifi_acl3: "<your_own_value>"
    wins_server1: "<your_own_value>"
    wins_server2: "<your_own_value>"

```

## 6.376.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.376.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.376.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.377 fortios\_system\_dns – Configure DNS in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.377.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.377.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.377.3 Tips

Using member operation to add an element to an existing object.

### 6.377.4 FortiOS Version Compatibility

### 6.377.5 Parameters

### 6.377.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.377.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DNS.
  fortios_system_dns:
    vdom: "{{ vdom }}"
    system_dns:
      alt_primary: "<your_own_value>"
      alt_secondary: "<your_own_value>"
      cache_notfound_responses: "disable"
      dns_cache_limit: "5000"
      dns_cache_ttl: "1800"
      dns_over_tls: "disable"
      domain:
        -
```

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```

    domain: "<your_own_value>"
    fqdn_cache_ttl: "0"
    fqdn_min_refresh: "60"
    interface: "<your_own_value> (source system.interface.name)"
    interface_select_method: "auto"
    ip6_primary: "<your_own_value>"
    ip6_secondary: "<your_own_value>"
    log: "disable"
    primary: "<your_own_value>"
    protocol: "cleartext"
    retry: "2"
    secondary: "<your_own_value>"
    server_hostname:
      -
        hostname: "myhostname"
    server_select_method: "least-rtt"
    source_ip: "84.230.14.43"
    ssl_certificate: "<your_own_value> (source certificate.local.name)"
    timeout: "5"

```

### 6.377.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.377.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.377.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.378 fortios\_system\_dns64 – Configure DNS64 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.378.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dns64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.378.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.378.3 Tips

Using member operation to add an element to an existing object.

### 6.378.4 FortiOS Version Compatibility

### 6.378.5 Parameters

### 6.378.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.378.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure DNS64.
  fortios_system_dns64:
    vdom: "{{ vdom }}"
    system_dns64:
      always_synthesize_aaaa_record: "enable"
      dns64_prefix: "<your_own_value>"
      status: "enable"

```

### 6.378.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.378.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.378.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.379 fortios\_system\_dns\_database – Configure DNS databases in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.379.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dns\_database category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.379.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.379.3 Tips

Using member operation to add an element to an existing object.

### 6.379.4 FortiOS Version Compatibility

### 6.379.5 Parameters

### 6.379.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.379.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure DNS databases.
  fortios_system_dns_database:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_dns_database:
      allow_transfer: "<your_own_value>"
      authoritative: "enable"
      contact: "<your_own_value>"
      dns_entry:
        -
          canonical_name: "<your_own_value>"
          hostname: "myhostname"
          id: "9"
          ip: "<your_own_value>"
          ipv6: "<your_own_value>"
          preference: "10"
          status: "enable"
          ttl: "0"
          type: "A"
      domain: "<your_own_value>"
      forwarder: "<your_own_value>"
      ip_master: "<your_own_value>"
      ip_primary: "<your_own_value>"
      name: "default_name_20"
      primary_name: "<your_own_value>"
      rr_max: "16384"
      source_ip: "84.230.14.43"
      status: "enable"
      ttl: "86400"
      type: "primary"
      view: "shadow"

```

## 6.379.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.379.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.379.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.380 fortios\_system\_dns\_server – Configure DNS servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.380.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dns\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.380.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.380.3 Tips

Using member operation to add an element to an existing object.

### 6.380.4 FortiOS Version Compatibility

### 6.380.5 Parameters

### 6.380.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.380.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure DNS servers.
      fortios_system_dns_server:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_dns_server:
          dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
          doh: "enable"
          mode: "recursive"
          name: "default_name_6 (source system.interface.name)"
```

### 6.380.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.380.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.380.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.381 fortios\_system\_dscp\_based\_priority – Configure DSCP based priority table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.381.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dscp\_based\_priority category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.381.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.381.3 Tips

Using member operation to add an element to an existing object.

### 6.381.4 FortiOS Version Compatibility

### 6.381.5 Parameters

### 6.381.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.381.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure DSCP based priority table.
      fortios_system_dscp_based_priority:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_dscp_based_priority:
          ds: "0"
          id: "4"
          priority: "low"
```

### 6.381.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.381.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.381.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.382 fortios\_system\_email\_server – Configure the email server used by the FortiGate various things. For example, for sending email messages to users to support user authentication features in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.382.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and email\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.382.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.382.3 Tips

Using member operation to add an element to an existing object.

### 6.382.4 FortiOS Version Compatibility

### 6.382.5 Parameters

### 6.382.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.382.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure the email server used by the FortiGate various things. For
      ↪example, for sending email messages to users to support user authentication
      features.
      fortios_system_email_server:
        vdom: "{{ vdom }}"
        system_email_server:
          authenticate: "enable"
          interface: "<your_own_value> (source system.interface.name)"
          interface_select_method: "auto"
          password: "<your_own_value>"
          port: "25"
          reply_to: "<your_own_value>"
          security: "none"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          source_ip6: "<your_own_value>"
          ssl_min_proto_version: "default"
          type: "custom"
          username: "<your_own_value>"
          validate_server: "enable"
```

### 6.382.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

---

**6.382. fortios\_system\_email\_server** – Configure the email server used by the FortiGate various things. For example, for sending email messages to users to support user authentication features in Fortinet's FortiOS and FortiGate.

### 6.382.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.382.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.383 fortios\_system\_external\_resource – Configure external resource in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.383.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and external\_resource category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.383.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.383.3 Tips

Using member operation to add an element to an existing object.

## 6.383.4 FortiOS Version Compatibility

## 6.383.5 Parameters

## 6.383.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.383.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure external resource.
  fortios_system_external_resource:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_external_resource:
      category: "0"
      comments: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      name: "default_name_7"
      password: "<your_own_value>"
      refresh_rate: "5"
      resource: "<your_own_value>"
      server_identity_check: "none"
      source_ip: "84.230.14.43"
      status: "enable"
      type: "category"
      update_method: "feed"
```

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```
user_agent: "<your_own_value>"
username: "<your_own_value>"
uuid: "<your_own_value>"
```

### 6.383.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.383.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.383.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.384 fortios\_system\_federated\_upgrade – Coordinate federated upgrades within the Security Fabric in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.384.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and federated\_upgrade category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.384.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.384.3 Tips

Using member operation to add an element to an existing object.

### 6.384.4 FortiOS Version Compatibility

### 6.384.5 Parameters

### 6.384.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.384.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Coordinate federated upgrades within the Security Fabric.
      fortios_system_federated_upgrade:
        vdom: "{{ vdom }}"
        system_federated_upgrade:
          failure_device: "<your_own_value>"
          failure_reason: "none"
```

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```
next_path_index: "0"
node_list:
  -
    coordinating_fortigate: "<your_own_value>"
    device_type: "fortigate"
    serial: "<your_own_value>"
    setup_time: "<your_own_value>"
    time: "<your_own_value>"
    timing: "immediate"
    upgrade_path: "<your_own_value>"
status: "disabled"
upgrade_id: "0"
```

## 6.384.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.384.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.384.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.385 fortios\_system\_fips\_cc – Configure FIPS-CC mode in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.385.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fips\_cc category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.385.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.385.3 Tips

Using member operation to add an element to an existing object.

### 6.385.4 FortiOS Version Compatibility

### 6.385.5 Parameters

### 6.385.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.385.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure FIPS-CC mode.
  fortios_system_fips_cc:
    vdom: "{{ vdom }}"
    system_fips_cc:
      entropy_token: "enable"
      key_generation_self_test: "enable"
      self_test_period: "1440"
      status: "enable"
```

## 6.385.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.385.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.385.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.386 fortios\_system\_fm – Configure FM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.386.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.386.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.386.3 Tips

Using member operation to add an element to an existing object.

### 6.386.4 FortiOS Version Compatibility

### 6.386.5 Parameters

### 6.386.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.386.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure FM.
  fortios_system_fm:
    vdom: "{{ vdom }}"
    system_fm:
      auto_backup: "enable"
      id: "4"
      ip: "<your_own_value>"
      ipsec: "enable"
      scheduled_config_restore: "enable"
      status: "enable"
      vdom: "<your_own_value> (source system.vdom.name) "
```

## 6.386.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.386.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.386.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.387 fortios\_system\_fortiai – Configure FortiAI in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*



- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.387.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortiai category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.387.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.387.3 Tips

Using member operation to add an element to an existing object.

### 6.387.4 FortiOS Version Compatibility

### 6.387.5 Parameters

### 6.387.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.387.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure FortiAI.
  fortios_system_fortiai:
    vdom: "{{ vdom }}"
    system_fortiai:
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      source_ip: "84.230.14.43"
      status: "disable"
```

## 6.387.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.387.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.387.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.388 fortios\_system\_fortiguard – Configure FortiGuard services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.388.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortiguard category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.388.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.388.3 Tips

Using member operation to add an element to an existing object.

### 6.388.4 FortiOS Version Compatibility

### 6.388.5 Parameters

### 6.388.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.388.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure FortiGuard services.
  fortios_system_fortiguards:
    vdom: "{{ vdom }}"
  system_fortiguards:
    antisipam_cache: "enable"
    antisipam_cache_mpercent: "2"
    antisipam_cache_ttl: "1800"
    antisipam_expiration: "0"
    antisipam_force_off: "enable"
    antisipam_license: "4294967295"
    antisipam_timeout: "7"
    anycast_sdns_server_ip: "<your_own_value>"
    anycast_sdns_server_port: "853"
    auto_firmware_upgrade: "enable"
    auto_firmware_upgrade_day: "sunday"
    auto_firmware_upgrade_end_hour: "4"
    auto_firmware_upgrade_start_hour: "2"
    auto_join_forticloud: "enable"
    ddns_server_ip: "<your_own_value>"
    ddns_server_ip6: "<your_own_value>"
    ddns_server_port: "443"
    fortiguards_anycast: "enable"
    fortiguards_anycast_source: "fortinet"
    interface: "<your_own_value> (source system.interface.name)"
    interface_select_method: "auto"
    load_balance_servers: "1"
    outbreak_prevention_cache: "enable"
    outbreak_prevention_cache_mpercent: "2"
    outbreak_prevention_cache_ttl: "300"
    outbreak_prevention_expiration: "0"
    outbreak_prevention_force_off: "enable"
    outbreak_prevention_license: "4294967295"
    outbreak_prevention_timeout: "7"
    persistent_connection: "enable"
    port: "8888"
    protocol: "udp"
    proxy_password: "<your_own_value>"
    proxy_server_ip: "<your_own_value>"
    proxy_server_port: "0"
    proxy_username: "<your_own_value>"
    sandbox_inline_scan: "enable"
    sandbox_region: "<your_own_value>"
    sdns_options: "include-question-section"
    sdns_server_ip: "<your_own_value>"
    sdns_server_port: "53"
    service_account_id: "<your_own_value>"
    source_ip: "84.230.14.43"
    source_ip6: "<your_own_value>"
    update_build_proxy: "enable"
    update_extdb: "enable"
    update_ffdb: "enable"
    update_server_location: "automatic"
    update_uwdb: "enable"
    vdom: "<your_own_value> (source system.vdom.name)"
    videofilter_expiration: "0"
    videofilter_license: "4294967295"

```

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```
webfilter_cache: "enable"
webfilter_cache_ttl: "3600"
webfilter_expiration: "0"
webfilter_force_off: "enable"
webfilter_license: "4294967295"
webfilter_timeout: "15"
```

### 6.388.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.388.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.388.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.389 fortios\_system\_fortimanager – Configure FortiManager in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.389.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortimanager category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.389.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.389.3 Tips

Using member operation to add an element to an existing object.

## 6.389.4 FortiOS Version Compatibility

## 6.389.5 Parameters

## 6.389.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.389.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiManager.
      fortios_system_fortimanager:
        vdom: "{{ vdom }}"
        system_fortimanager:
```

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```

central_management: "enable"
central_mgmt_auto_backup: "enable"
central_mgmt_schedule_config_restore: "enable"
central_mgmt_schedule_script_restore: "enable"
ip: "<your_own_value>"
ipsec: "enable"
vdom: "<your_own_value> (source system.vdom.name) "

```

## 6.389.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.389.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.389.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.390 fortios\_system\_fortindr – Configure FortiNDR in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.390.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortindr category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.390.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.390.3 Tips

Using member operation to add an element to an existing object.

### 6.390.4 FortiOS Version Compatibility

### 6.390.5 Parameters

### 6.390.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.390.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiNDR.
  fortios_system_fortindr:
    vdom: "{{ vdom }}"
```

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```

system_fortindr:
  interface: "<your_own_value> (source system.interface.name) "
  interface_select_method: "auto"
  source_ip: "84.230.14.43"
  status: "disable"

```

### 6.390.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.390.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.390.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.391 fortios\_system\_fortisandbox – Configure FortiSandbox in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.391.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortisandbox category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.391.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.391.3 Tips

Using member operation to add an element to an existing object.

## 6.391.4 FortiOS Version Compatibility

## 6.391.5 Parameters

## 6.391.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.391.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiSandbox.
      fortios_system_fortisandbox:
        vdom: "{{ vdom }}"
        system_fortisandbox:
          email: "<your_own_value>"
          enc_algorithm: "default"
```

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```

forticloud: "enable"
inline_scan: "enable"
interface: "<your_own_value> (source system.interface.name)"
interface_select_method: "auto"
server: "192.168.100.40"
source_ip: "84.230.14.43"
ssl_min_proto_version: "default"
status: "enable"

```

### 6.391.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.391.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.391.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.392 fortios\_system\_fsso\_polling – Configure Fortinet Single Sign On (FSSO) server in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.392.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fsso\_polling category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.392.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.392.3 Tips

Using member operation to add an element to an existing object.

### 6.392.4 FortiOS Version Compatibility

### 6.392.5 Parameters

### 6.392.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.392.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Fortinet Single Sign On (FSSO) server.
  fortios_system_fsso_polling:
    vdom: "{{ vdom }}"
```

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```

system_fsso_polling:
  auth_password: "<your_own_value>"
  authentication: "enable"
  listening_port: "8000"
  status: "enable"

```

### 6.392.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.392.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.392.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.393 fortios\_system\_ftm\_push – Configure FortiToken Mobile push services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.393.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ftm\_push category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.393.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.393.3 Tips

Using member operation to add an element to an existing object.

### 6.393.4 FortiOS Version Compatibility

### 6.393.5 Parameters

### 6.393.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.393.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiToken Mobile push services.
      fortios_system_ftm_push:
        vdom: "{{ vdom }}"
        system_ftm_push:
          server: "192.168.100.40"
          server_cert: "<your_own_value> (source certificate.local.name)"
```

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```
server_ip: "<your_own_value>"
server_port: "4433"
status: "enable"
```

### 6.393.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.393.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.393.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.394 fortios\_system\_geneve – Configure GENEVE devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.394.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and geneve category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.394.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.394.3 Tips

Using member operation to add an element to an existing object.

## 6.394.4 FortiOS Version Compatibility

## 6.394.5 Parameters

## 6.394.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.394.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure GENEVE devices.
  fortios_system_geneve:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_geneve:
      dstport: "6081"
      interface: "<your_own_value> (source system.interface.name)"
```

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```

ip_version: "ipv4-unicast"
name: "default_name_6"
remote_ip: "<your_own_value>"
remote_ip6: "<your_own_value>"
type: "ethernet"
vni: "0"

```

### 6.394.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.394.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.394.10 Authors

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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.395 fortios\_system\_geoup\_country – Define geoup country name-ID table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

---

**6.395. fortios\_system\_geoup\_country – Define geoup country name-ID table in Fortinet’s FortiO941 and FortiGate.**

- *Return Values*
- *Status*
- *Authors*

## 6.395.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and geoip\_country category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.395.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.395.3 Tips

Using member operation to add an element to an existing object.

## 6.395.4 FortiOS Version Compatibility

## 6.395.5 Parameters

## 6.395.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.395.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Define geoip country name-ID table.
      fortios_system_geoip_country:
        vdom: "{{ vdom }}"
        state: "present"
```

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```

access_token: "<your_own_value>"
system_geoiip_country:
  id: "3"
  name: "default_name_4"

```

### 6.395.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.395.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.395.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.396 fortios\_system\_geoiip\_override – Configure geographical location mapping for IP address(es) to override mappings from FortiGuard in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.396.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and geoip\_override category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.396.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.396.3 Tips

Using member operation to add an element to an existing object.

## 6.396.4 FortiOS Version Compatibility

## 6.396.5 Parameters

## 6.396.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.396.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure geographical location mapping for IP address(es) to override_
    ↪ mappings from FortiGuard.
    fortios_system_geoip_override:
      vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
system_geoiip_override:
  country_id: "<your_own_value>"
  description: "<your_own_value>"
  ip_range:
    -
      end_ip: "<your_own_value>"
      id: "7"
      start_ip: "<your_own_value>"
  ip6_range:
    -
      end_ip: "<your_own_value>"
      id: "11"
      start_ip: "<your_own_value>"
  name: "default_name_13"

```

## 6.396.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.396.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.396.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.397 fortios\_system\_gi\_gk – Configure Gi Firewall Gatekeeper in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.397.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and gi\_gk category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.397.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.397.3 Tips

Using member operation to add an element to an existing object.

### 6.397.4 FortiOS Version Compatibility

### 6.397.5 Parameters

### 6.397.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.397.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Gi Firewall Gatekeeper.
      fortios_system_gi_gk:
        vdom: "{{ vdom }}"
        system_gi_gk:
          context: "696"
          port: "21123"

```

### 6.397.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.397.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.397.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.398 fortios\_system\_global – Configure global attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.398.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.398.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.398.3 Tips

Using member operation to add an element to an existing object.

### 6.398.4 FortiOS Version Compatibility

### 6.398.5 Parameters

### 6.398.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.398.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```

vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure global attributes.
  fortios_system_global:
    vdom: "{{ vdom }}"
    system_global:
      admin_concurrent: "enable"
      admin_console_timeout: "0"
      admin_forticloud_sso_login: "enable"
      admin_host: "myhostname"
      admin_hsts_max_age: "15552000"
      admin_https_pki_required: "enable"
      admin_https_redirect: "enable"
      admin_https_ssl_banned_ciphers: "RSA"
      admin_https_ssl_ciphersuites: "TLS-AES-128-GCM-SHA256"
      admin_https_ssl_versions: "tlsv1-1"
      admin_lockout_duration: "60"
      admin_lockout_threshold: "3"
      admin_login_max: "100"
      admin_maintainer: "enable"
      admin_port: "80"
      admin_restrict_local: "enable"
      admin_scp: "enable"
      admin_server_cert: "<your_own_value> (source certificate.local.name)"
      admin_sport: "443"
      admin_ssh_grace_time: "120"
      admin_ssh_password: "enable"
      admin_ssh_port: "22"
      admin_ssh_v1: "enable"
      admin_telnet: "enable"
      admin_telnet_port: "23"
      admintimeout: "5"
      alias: "<your_own_value>"
      allow_traffic_redirect: "enable"
      anti_replay: "disable"
      arp_max_entry: "131072"
      asymroute: "enable"
      auth_cert: "<your_own_value> (source certificate.local.name)"
      auth_http_port: "1000"
      auth_https_port: "1003"
      auth_ike_saml_port: "1001"
      auth_keepalive: "enable"
      auth_session_limit: "block-new"
      auto_auth_extension_device: "enable"
      autorun_log_fsck: "enable"
      av_affinity: "<your_own_value>"
      av_failopen: "pass"
      av_failopen_session: "enable"
      batch_cmdb: "enable"
      block_session_timer: "30"
      br_fdb_max_entry: "8192"
      cert_chain_max: "8"
      cfg_revert_timeout: "600"
      cfg_save: "automatic"

```

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```
check_protocol_header: "loose"
check_reset_range: "strict"
cli_audit_log: "enable"
cloud_communication: "enable"
clt_cert_req: "enable"
cmdsbsvr_affinity: "<your_own_value>"
compliance_check: "enable"
compliance_check_time: "<your_own_value>"
cpu_use_threshold: "90"
csr_ca_attribute: "enable"
daily_restart: "enable"
default_service_source_port: "<your_own_value>"
device_identification_active_scan_delay: "1800"
device_idle_timeout: "300"
dh_params: "1024"
dnsproxy_worker_count: "1"
dst: "enable"
early_tcp_npu_session: "enable"
edit_vdom_prompt: "enable"
endpoint_control_fds_access: "enable"
endpoint_control_portal_port: "32767"
extender_controller_reserved_network: "<your_own_value>"
failtime: "5"
faz_disk_buffer_size: "0"
fds_statistics: "enable"
fds_statistics_period: "60"
fec_port: "50000"
fgd_alert_subscription: "advisory"
forticarrier_bypass: "enable"
fortiextender: "disable"
fortiextender_data_port: "25246"
fortiextender_discovery_lockdown: "disable"
fortiextender_provision_on_authorization: "enable"
fortiextender_vlan_mode: "enable"
fortiipam_integration: "enable"
fortiservice_port: "8013"
fortitoken_cloud: "enable"
gui_allow_default_hostname: "enable"
gui_app_detection_sdwan: "enable"
gui_cdn_usage: "enable"
gui_certificates: "enable"
gui_custom_language: "enable"
gui_date_format: "yyyy/MM/dd"
gui_date_time_source: "system"
gui_device_latitude: "<your_own_value>"
gui_device_longitude: "<your_own_value>"
gui_display_hostname: "enable"
gui_firmware_upgrade_warning: "enable"
gui_forticare_registration_setup_warning: "enable"
gui_fortigate_cloud_sandbox: "enable"
gui_fortiguard_resource_fetch: "enable"
gui_fortisandbox_cloud: "enable"
gui_ipv6: "enable"
gui_lines_per_page: "500"
gui_local_out: "enable"
gui_replacement_message_groups: "enable"
gui_rest_api_cache: "enable"
```

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```

gui_theme: "jade"
gui_wireless_opensecurity: "enable"
gui_workflow_management: "enable"
ha_affinity: "<your_own_value>"
honor_df: "enable"
hostname: "myhostname"
igmp_state_limit: "3200"
internet_service_database: "mini"
interval: "5"
ip_fragment_mem_thresholds: "32"
ip_src_port_range: "<your_own_value>"
ips_affinity: "<your_own_value>"
ipsec_asic_offload: "enable"
ipsec_ha_seqjump_rate: "10"
ipsec_hmac_offload: "enable"
ipsec_round_robin: "enable"
ipsec_soft_dec_async: "enable"
ipv6_accept_dad: "1"
ipv6_allow_anycast_probe: "enable"
ipv6_allow_local_in_slient_drop: "enable"
ipv6_allow_multicast_probe: "enable"
ipv6_allow_traffic_redirect: "enable"
irq_time_accounting: "auto"
language: "english"
ldapconntimeout: "500"
lldp_reception: "enable"
lldp_transmission: "enable"
log_ssl_connection: "enable"
log_uuid: "disable"
log_uuid_address: "enable"
log_uuid_policy: "enable"
login_timestamp: "enable"
long_vdom_name: "enable"
management_ip: "<your_own_value>"
management_port: "443"
management_port_use_admin_sport: "enable"
management_vdom: "<your_own_value> (source system.vdom.name)"
max_dlpstat_memory: "145"
max_route_cache_size: "0"
mc_ttl_notchange: "enable"
memory_use_threshold_extreme: "95"
memory_use_threshold_green: "82"
memory_use_threshold_red: "88"
miglog_affinity: "<your_own_value>"
miglogd_children: "0"
multi_factor_authentication: "optional"
multicast_forward: "enable"
ndp_max_entry: "0"
per_user_bal: "enable"
per_user_bwl: "enable"
pmtu_discovery: "enable"
policy_auth_concurrent: "0"
post_login_banner: "disable"
pre_login_banner: "enable"
private_data_encryption: "disable"
proxy_auth_lifetime: "enable"
proxy_auth_lifetime_timeout: "480"

```

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```

proxy_auth_timeout: "10"
proxy_cert_use_mgmt_vdom: "enable"
proxy_cipher_hardware_acceleration: "disable"
proxy_hardware_acceleration: "disable"
proxy_kxp_hardware_acceleration: "disable"
proxy_re_authentication_mode: "session"
proxy_resource_mode: "enable"
proxy_worker_count: "0"
radius_port: "1812"
reboot_upon_config_restore: "enable"
refresh: "0"
remoteauthtimeout: "5"
reset_sessionless_tcp: "enable"
restart_time: "<your_own_value>"
revision_backup_on_logout: "enable"
revision_image_auto_backup: "enable"
scanunit_count: "0"
security_rating_result_submission: "enable"
security_rating_run_on_schedule: "enable"
send_pmtu_icmp: "enable"
snat_route_change: "enable"
special_file_23_support: "disable"
speedtest_server: "enable"
split_port: "<your_own_value>"
ssd_trim_date: "1"
ssd_trim_freq: "never"
ssd_trim_hour: "1"
ssd_trim_min: "60"
ssd_trim_weekday: "sunday"
ssh_cbc_cipher: "enable"
ssh_enc_algo: "chacha20-poly1305@openssh.com"
ssh_hmac_md5: "enable"
ssh_kex_algo: "diffie-hellman-group1-sha1"
ssh_kex_sha1: "enable"
ssh_mac_algo: "hmac-md5"
ssh_mac_weak: "enable"
ssl_min_proto_version: "SSLv3"
ssl_static_key_ciphers: "enable"
sslvpn_cipher_hardware_acceleration: "enable"
sslvpn_ems_sn_check: "enable"
sslvpn_kxp_hardware_acceleration: "enable"
sslvpn_max_worker_count: "0"
sslvpn_plugin_version_check: "enable"
strict_dirty_session_check: "enable"
strong_crypto: "enable"
switch_controller: "disable"
switch_controller_reserved_network: "<your_own_value>"
sys_perf_log_interval: "5"
tcp_halfclose_timer: "120"
tcp_halfopen_timer: "10"
tcp_option: "enable"
tcp_rst_timer: "5"
tcp_timewait_timer: "1"
tftp: "enable"
timezone: "01"
tp_mc_skip_policy: "enable"
traffic_priority: "tos"

```

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```

traffic_priority_level: "low"
two_factor_email_expiry: "60"
two_factor_fac_expiry: "60"
two_factor_ftk_expiry: "60"
two_factor_ftm_expiry: "72"
two_factor_sms_expiry: "60"
udp_idle_timer: "180"
url_filter_affinity: "<your_own_value>"
url_filter_count: "1"
user_device_store_max_devices: "21052"
user_device_store_max_unified_mem: "105262899"
user_device_store_max_users: "21052"
user_server_cert: "<your_own_value> (source certificate.local.name)"
vdom_admin: "enable"
vdom_mode: "no-vdom"
vip_arp_range: "unlimited"
virtual_server_count: "20"
virtual_server_hardware_acceleration: "disable"
wad_affinity: "<your_own_value>"
wad_csvc_cs_count: "1"
wad_csvc_db_count: "0"
wad_memory_change_granularity: "10"
wad_source_affinity: "disable"
wad_worker_count: "0"
wifi_ca_certificate: "<your_own_value> (source certificate.ca.name)"
wifi_certificate: "<your_own_value> (source certificate.local.name)"
wimax_4g_usb: "enable"
wireless_controller: "enable"
wireless_controller_port: "5246"

```

## 6.398.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.398.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.398.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.399 fortios\_system\_gre\_tunnel – Configure GRE tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.399.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and gre\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.399.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.399.3 Tips

Using member operation to add an element to an existing object.

### 6.399.4 FortiOS Version Compatibility

### 6.399.5 Parameters

### 6.399.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.399.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure GRE tunnel.
  fortios_system_gre_tunnel:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_gre_tunnel:
      checksum_reception: "disable"
      checksum_transmission: "disable"
      diffservcode: "<your_own_value>"
      dscp_copying: "disable"
      interface: "<your_own_value> (source system.interface.name)"
      ip_version: "4"
      keepalive_failtimes: "10"
      keepalive_interval: "0"
      key_inbound: "0"
      key_outbound: "0"
      local_gw: "<your_own_value>"
      local_gw6: "<your_own_value>"
      name: "default_name_15"
      remote_gw: "<your_own_value>"
      remote_gw6: "<your_own_value>"
      sequence_number_reception: "disable"
      sequence_number_transmission: "disable"
      use_sdwan: "disable"
```

## 6.399.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.399.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.399.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.400 fortios\_system\_ha – Configure HA in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.400.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ha category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.400.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9



### 6.400.3 Tips

Using member operation to add an element to an existing object.

### 6.400.4 FortiOS Version Compatibility

### 6.400.5 Parameters

### 6.400.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.400.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure HA.
      fortios_system_ha:
        vdom: "{{ vdom }}"
        system_ha:
          arps: "5"
          arps_interval: "8"
          authentication: "enable"
          cpu_threshold: "<your_own_value>"
          encryption: "enable"
          failover_hold_time: "0"
          ftp_proxy_threshold: "<your_own_value>"
          gratuitous_arps: "enable"
          group_id: "0"
          group_name: "<your_own_value>"
          ha_direct: "enable"
          ha_eth_type: "<your_own_value>"
          ha_mgmt_interfaces:
            -
              dst: "<your_own_value>"
              gateway: "<your_own_value>"
              gateway6: "<your_own_value>"
              id: "19"
              interface: "<your_own_value> (source system.interface.name)"
          ha_mgmt_status: "enable"
          ha_uptime_diff_margin: "300"
          hb_interval: "2"
```

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```

hb_interval_in_milliseconds: "100ms"
hb_lost_threshold: "20"
hbdev: "<your_own_value>"
hc_eth_type: "<your_own_value>"
hello_holddown: "20"
http_proxy_threshold: "<your_own_value>"
imap_proxy_threshold: "<your_own_value>"
inter_cluster_session_sync: "enable"
key: "<your_own_value>"
l2ep_eth_type: "<your_own_value>"
link_failed_signal: "enable"
load_balance_all: "enable"
logical_sn: "enable"
memory_based_failover: "enable"
memory_compatible_mode: "enable"
memory_failover_flip_timeout: "6"
memory_failover_monitor_period: "60"
memory_failover_sample_rate: "1"
memory_failover_threshold: "0"
memory_threshold: "<your_own_value>"
mode: "standalone"
monitor: "<your_own_value> (source system.interface.name)"
multicast_ttl: "600"
nntp_proxy_threshold: "<your_own_value>"
override: "enable"
override_wait_time: "0"
password: "<your_own_value>"
pingserver_failover_threshold: "0"
pingserver_flip_timeout: "60"
pingserver_monitor_interface: "<your_own_value> (source system.interface.name)"
↪ "
pingserver_secondary_force_reset: "enable"
pingserver_slave_force_reset: "enable"
pop3_proxy_threshold: "<your_own_value>"
priority: "128"
route_hold: "10"
route_ttl: "10"
route_wait: "0"
schedule: "none"
secondary_vcluster:
    monitor: "<your_own_value> (source system.interface.name)"
    override: "enable"
    override_wait_time: "0"
    pingserver_failover_threshold: "0"
    pingserver_monitor_interface: "<your_own_value> (source system.interface.
↪name) "
    pingserver_secondary_force_reset: "enable"
    pingserver_slave_force_reset: "enable"
    priority: "128"
    vcluster_id: "1"
    vdom: "<your_own_value>"
session_pickup: "enable"
session_pickup_connectionless: "enable"
session_pickup_delay: "enable"
session_pickup_expectation: "enable"
session_pickup_nat: "enable"
session_sync_dev: "<your_own_value> (source system.interface.name)"

```

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```

smtp_proxy_threshold: "<your_own_value>"
ssd_failover: "enable"
standalone_config_sync: "enable"
standalone_mgmt_vdom: "enable"
sync_config: "enable"
sync_packet_balance: "enable"
unicast_gateway: "<your_own_value>"
unicast_hb: "enable"
unicast_hb_netmask: "<your_own_value>"
unicast_hb_peerip: "<your_own_value>"
unicast_peers:
-
    id: "90"
    peer_ip: "<your_own_value>"
unicast_status: "enable"
uninterruptible_primary_wait: "30"
uninterruptible_upgrade: "enable"
vcluster:
-
    monitor: "<your_own_value> (source system.interface.name)"
    override: "enable"
    override_wait_time: "0"
    pingserver_failover_threshold: "0"
    pingserver_monitor_interface: "<your_own_value> (source system.interface.
↪name)"
    pingserver_secondary_force_reset: "enable"
    pingserver_slave_force_reset: "enable"
    priority: "128"
    vcluster_id: "1"
    vdom:
    -
        name: "default_name_106 (source system.vdom.name)"
vcluster_id: "0"
vcluster_status: "enable"
vcluster2: "enable"
vdom: "<your_own_value>"
weight: "<your_own_value>"

```

## 6.400.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.400.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.400.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.401 fortios\_system\_ha\_monitor – Configure HA monitor in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.401.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ha\_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.401.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.401.3 Tips

Using member operation to add an element to an existing object.

## 6.401.4 FortiOS Version Compatibility

## 6.401.5 Parameters

## 6.401.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.401.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure HA monitor.
  fortios_system_ha_monitor:
    vdom: "{{ vdom }}"
    system_ha_monitor:
      monitor_vlan: "enable"
      vlan_hb_interval: "5"
      vlan_hb_lost_threshold: "3"
```

## 6.401.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.401.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.401.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.402 fortios\_system\_ike – Configure IKE global attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.402.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ike category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.402.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.402.3 Tips

Using member operation to add an element to an existing object.

### 6.402.4 FortiOS Version Compatibility

### 6.402.5 Parameters

### 6.402.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

**6.402.7 Examples**

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IKE global attributes.
      fortios_system_ike:
        vdom: "{{ vdom }}"
        system_ike:
          dh_group_1:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_14:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_15:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_16:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_17:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_18:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_19:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_2:
            keypair_cache: "global"
            keypair_count: "0"
            mode: "software"
          dh_group_20:
            keypair_cache: "global"
            keypair_count: "0"
```

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```
    mode: "software"
dh_group_21:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_27:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_28:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_29:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_30:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_31:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_32:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_group_5:
  keypair_cache: "global"
  keypair_count: "0"
  mode: "software"
dh_keypair_cache: "enable"
dh_keypair_count: "100"
dh_keypair_throttle: "enable"
dh_mode: "software"
dh_multiprocess: "enable"
dh_worker_count: "0"
embryonic_limit: "10000"
```

### 6.402.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.402.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.402.10 Authors

- Link Zheng (@chillancezen)



- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.403 fortios\_system\_interface – Configure interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.403.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.403.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.403.3 Tips

Using member operation to add an element to an existing object.

## 6.403.4 FortiOS Version Compatibility

## 6.403.5 Parameters

## 6.403.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.403.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure interfaces.
  fortios_system_interface:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_interface:
      ac_name: "<your_own_value>"
      aggregate: "<your_own_value>"
      aggregate_type: "physical"
      algorithm: "L2"
      alias: "<your_own_value>"
      allowaccess: "ping"
      ap_discover: "enable"
      arpforward: "enable"
      auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
      auth_portal_addr: "<your_own_value>"
      auth_type: "auto"
      auto_auth_extension_device: "enable"
      bandwidth_measure_time: "0"
      bfd: "global"
      bfd_desired_min_tx: "250"
      bfd_detect_mult: "3"
      bfd_required_min_rx: "250"
      broadcast_forticlient_discovery: "enable"
      broadcast_forward: "enable"
      captive_portal: "2147483647"
      cli_conn_status: "0"
      client_options:
        -
          code: "0"
          id: "26"
```

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```

    ip: "<your_own_value>"
    type: "hex"
    value: "<your_own_value>"
color: "0"
dedicated_to: "none"
defaultgw: "enable"
description: "<your_own_value>"
detected_peer_mtu: "0"
detectprotocol: "ping"
detectserver: "<your_own_value>"
device_access_list: "<your_own_value>"
device_identification: "enable"
device_identification_active_scan: "enable"
device_netscan: "disable"
device_user_identification: "enable"
devindex: "0"
dhcp_classless_route_addition: "enable"
dhcp_client_identifier: "myId_44"
dhcp_relay_agent_option: "enable"
dhcp_relay_interface: "<your_own_value> (source system.interface.name)"
dhcp_relay_interface_select_method: "auto"
dhcp_relay_ip: "<your_own_value>"
dhcp_relay_link_selection: "<your_own_value>"
dhcp_relay_request_all_server: "disable"
dhcp_relay_service: "disable"
dhcp_relay_type: "regular"
dhcp_renew_time: "0"
dhcp_snooping_server_list:
-
    name: "default_name_55"
    server_ip: "<your_own_value>"
disc_retry_timeout: "1"
disconnect_threshold: "0"
distance: "5"
dns_server_override: "enable"
dns_server_protocol: "cleartext"
drop_fragment: "enable"
drop_overlapped_fragment: "enable"
eap_ca_cert: "<your_own_value> (source certificate.ca.name)"
eap_identity: "<your_own_value>"
eap_method: "tls"
eap_password: "<your_own_value>"
eap_suppllicant: "enable"
eap_user_cert: "<your_own_value> (source certificate.local.name)"
egress_cos: "disable"
egress_queues:
    cos0: "<your_own_value> (source system.isf-queue-profile.name)"
    cos1: "<your_own_value> (source system.isf-queue-profile.name)"
    cos2: "<your_own_value> (source system.isf-queue-profile.name)"
    cos3: "<your_own_value> (source system.isf-queue-profile.name)"
    cos4: "<your_own_value> (source system.isf-queue-profile.name)"
    cos5: "<your_own_value> (source system.isf-queue-profile.name)"
    cos6: "<your_own_value> (source system.isf-queue-profile.name)"
    cos7: "<your_own_value> (source system.isf-queue-profile.name)"
egress_shaping_profile: "<your_own_value> (source firewall.shaping-profile.
↪profile-name)"
endpoint_compliance: "enable"

```

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```

estimated_downstream_bandwidth: "0"
estimated_upstream_bandwidth: "0"
explicit_ftp_proxy: "enable"
explicit_web_proxy: "enable"
external: "enable"
fail_action_on_extender: "soft-restart"
fail_alert_interfaces:
-
    name: "default_name_89 (source system.interface.name)"
fail_alert_method: "link-failed-signal"
fail_detect: "enable"
fail_detect_option: "detectserver"
fortiheartbeat: "enable"
fortilink: "enable"
fortilink_backup_link: "0"
fortilink_neighbor_detect: "lldp"
fortilink_split_interface: "enable"
fortilink_stacking: "enable"
forward_domain: "0"
gi_gk: "enable"
gwdetect: "enable"
ha_priority: "1"
icmp_accept_redirect: "enable"
icmp_send_redirect: "enable"
ident_accept: "enable"
idle_timeout: "0"
ike_saml_server: "<your_own_value> (source user.saml.name)"
inbandwidth: "0"
ingress_cos: "disable"
ingress_shaping_profile: "<your_own_value> (source firewall.shaping-profile.
↪profile-name)"
ingress_spillover_threshold: "0"
interface: "<your_own_value> (source system.interface.name)"
internal: "0"
ip: "<your_own_value>"
ip_managed_by_fortiiipam: "enable"
ipmac: "enable"
ips_sniffer_mode: "enable"
ipunnumbered: "<your_own_value>"
ipv6:
    autoconf: "enable"
    cli_conn6_status: "0"
    dhcp6_client_options: "rapid"
    dhcp6_iapd_list:
    -
        iaaid: "0"
        prefix_hint: "<your_own_value>"
        prefix_hint_plt: "604800"
        prefix_hint_vlt: "2592000"
        dhcp6_information_request: "enable"
        dhcp6_prefix_delegation: "enable"
        dhcp6_prefix_hint: "<your_own_value>"
        dhcp6_prefix_hint_plt: "604800"
        dhcp6_prefix_hint_vlt: "2592000"
        dhcp6_relay_ip: "<your_own_value>"
        dhcp6_relay_service: "disable"
        dhcp6_relay_type: "regular"

```

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```

icmp6_send_redirect: "enable"
interface_identifier: "myId_137"
ip6_address: "<your_own_value>"
ip6_allowaccess: "ping"
ip6_default_life: "1800"
ip6_delegated_prefix_iaid: "0"
ip6_delegated_prefix_list:
-
    autonomous_flag: "enable"
    delegated_prefix_iaid: "0"
    onlink_flag: "enable"
    prefix_id: "0"
    rdns: "<your_own_value>"
    rdns_service: "delegated"
    subnet: "<your_own_value>"
    upstream_interface: "<your_own_value> (source system.interface.name)"
ip6_dns_server_override: "enable"
ip6_extra_addr:
-
    prefix: "<your_own_value>"
ip6_hop_limit: "0"
ip6_link_mtu: "0"
ip6_manage_flag: "enable"
ip6_max_interval: "600"
ip6_min_interval: "198"
ip6_mode: "static"
ip6_other_flag: "enable"
ip6_prefix_list:
-
    autonomous_flag: "enable"
    dnssl:
    -
        domain: "<your_own_value>"
        onlink_flag: "enable"
        preferred_life_time: "604800"
        prefix: "<your_own_value>"
        rdns: "<your_own_value>"
        valid_life_time: "2592000"
ip6_prefix_mode: "dhcp6"
ip6_reachable_time: "0"
ip6_retrans_time: "0"
ip6_send_adv: "enable"
ip6_subnet: "<your_own_value>"
ip6_upstream_interface: "<your_own_value> (source system.interface.name)"
nd_cert: "<your_own_value> (source certificate.local.name)"
nd_cga_modifier: "<your_own_value>"
nd_mode: "basic"
nd_security_level: "0"
nd_timestamp_delta: "300"
nd_timestamp_fuzz: "1"
ra_send_mtu: "enable"
unique_autoconf_addr: "enable"
vrip6_link_local: "<your_own_value>"
vrrp_virtual_mac6: "enable"
vrrp6:
-
    accept_mode: "enable"

```

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```

        adv_interval: "1"
        preempt: "enable"
        priority: "100"
        start_time: "3"
        status: "enable"
        vrdst6: "<your_own_value>"
        vrgrp: "0"
        vrid: "0"
        vrip6: "<your_own_value>"
    l2forward: "enable"
    lacp_ha_secondary: "enable"
    lacp_ha_slave: "enable"
    lacp_mode: "static"
    lacp_speed: "slow"
    lcp_echo_interval: "5"
    lcp_max_echo_fails: "3"
    link_up_delay: "50"
    lldp_network_policy: "<your_own_value> (source system.lldp.network-policy.
↪name)"
    lldp_reception: "enable"
    lldp_transmission: "enable"
    macaddr: "<your_own_value>"
    managed_device:
    -
        name: "default_name_210"
        managed_subnetwork_size: "32"
        management_ip: "<your_own_value>"
        measured_downstream_bandwidth: "0"
        measured_upstream_bandwidth: "0"
        mediatype: "cfp2-sr10"
        member:
        -
            interface_name: "<your_own_value> (source system.interface.name)"
    min_links: "1"
    min_links_down: "operational"
    mode: "static"
    monitor_bandwidth: "enable"
    mtu: "1500"
    mtu_override: "enable"
    name: "default_name_224"
    ndiscforward: "enable"
    netbios_forward: "disable"
    netflow_sampler: "disable"
    outbandwidth: "0"
    padt_retry_timeout: "1"
    password: "<your_own_value>"
    ping_serv_status: "0"
    polling_interval: "20"
    pppoe_unnumbered_negotiate: "enable"
    pptp_auth_type: "auto"
    pptp_client: "enable"
    pptp_password: "<your_own_value>"
    pptp_server_ip: "<your_own_value>"
    pptp_timeout: "0"
    pptp_user: "<your_own_value>"
    preserve_session_route: "enable"
    priority: "1"

```

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```

priority_override: "enable"
proxy_captive_portal: "enable"
reachable_time: "30000"
redundant_interface: "<your_own_value>"
remote_ip: "<your_own_value>"
replacemsg_override_group: "<your_own_value>"
ring_rx: "0"
ring_tx: "0"
role: "lan"
sample_direction: "tx"
sample_rate: "2000"
scan_botnet_connections: "disable"
secondary_IP: "enable"
secondaryip:
-
    allowaccess: "ping"
    detectprotocol: "ping"
    detectserver: "<your_own_value>"
    gwdetect: "enable"
    ha_priority: "1"
    id: "261"
    ip: "<your_own_value>"
    ping_serv_status: "0"
security_exempt_list: "<your_own_value>"
security_external_logout: "<your_own_value>"
security_external_web: "<your_own_value>"
security_groups:
-
    name: "default_name_268 (source user.group.name) "
security_mac_auth_bypass: "mac-auth-only"
security_mode: "none"
security_redirect_url: "<your_own_value>"
service_name: "<your_own_value>"
sflow_sampler: "enable"
snmp_index: "0"
speed: "auto"
spillover_threshold: "0"
src_check: "enable"
status: "up"
stp: "disable"
stp_ha_secondary: "disable"
stp_ha_slave: "disable"
stpforward: "enable"
stpforward_mode: "rpl-all-ext-id"
subst: "enable"
substitute_dst_mac: "<your_own_value>"
sw_algorithm: "12"
swc_first_create: "0"
swc_vlan: "0"
switch: "<your_own_value>"
switch_controller_access_vlan: "enable"
switch_controller_arp_inspection: "enable"
switch_controller_dhcp_snooping: "enable"
switch_controller_dhcp_snooping_option82: "enable"
switch_controller_dhcp_snooping_verify_mac: "enable"
switch_controller_dynamic: "<your_own_value> (source switch-controller.
↪fortilink-settings.name) "

```

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```

switch_controller_feature: "none"
switch_controller_igmp_snooping: "enable"
switch_controller_igmp_snooping_fast_leave: "enable"
switch_controller_igmp_snooping_proxy: "enable"
switch_controller_iot_scanning: "enable"
switch_controller_learning_limit: "0"
switch_controller_mgmt_vlan: "4094"
switch_controller_nac: "<your_own_value> (source switch-controller.fortilink-
↪settings.name) "
switch_controller_netflow_collect: "disable"
switch_controller_rspan_mode: "disable"
switch_controller_source_ip: "outbound"
switch_controller_traffic_policy: "<your_own_value> (source switch-controller.
↪traffic-policy.name) "
system_id: "<your_own_value>"
system_id_type: "auto"
tagging:
-
  category: "<your_own_value> (source system.object-tagging.category) "
  name: "default_name_312"
  tags:
  -
    name: "default_name_314 (source system.object-tagging.tags.name) "
tcp_mss: "0"
trust_ip_1: "<your_own_value>"
trust_ip_2: "<your_own_value>"
trust_ip_3: "<your_own_value>"
trust_ip6_1: "<your_own_value>"
trust_ip6_2: "<your_own_value>"
trust_ip6_3: "<your_own_value>"
type: "physical"
username: "<your_own_value>"
vdom: "<your_own_value> (source system.vdom.name) "
vindex: "0"
vlan_protocol: "8021q"
vlanforward: "enable"
vlanid: "0"
vrf: "0"
vrrp:
-
  accept_mode: "enable"
  adv_interval: "1"
  ignore_default_route: "enable"
  preempt: "enable"
  priority: "100"
  proxy_arp:
  -
    id: "337"
    ip: "<your_own_value>"
    start_time: "3"
    status: "enable"
    version: "2"
    vrdest: "<your_own_value>"
    vrdest_priority: "0"
    vrgrp: "0"
    vrid: "0"
    vrip: "<your_own_value>"

```

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```

vrrp_virtual_mac: "enable"
wccp: "enable"
weight: "0"
wins_ip: "<your_own_value>"

```

### 6.403.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.403.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.403.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.404 fortios\_system\_ipam – Configure IP address management services in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.404.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipam category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.404.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.404.3 Tips

Using member operation to add an element to an existing object.

### 6.404.4 FortiOS Version Compatibility

### 6.404.5 Parameters

### 6.404.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.404.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IP address management services.
  fortios_system_ipam:
    vdom: "{{ vdom }}"
    system_ipam:
      pool_subnet: "<your_own_value>"
      pools:
```

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```

-
  description: "<your_own_value>"
  name: "default_name_6"
  subnet: "<your_own_value>"
rules:
-
  description: "<your_own_value>"
  device:
    -
      name: "default_name_11"
  dhcp: "enable"
  interface:
    -
      name: "default_name_14"
  name: "default_name_15"
  pool:
    -
      name: "default_name_17 (source )"
  role: "any"
  server_type: "cloud"
  status: "enable"

```

## 6.404.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.404.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.404.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.405 fortios\_system\_ipip\_tunnel – Configure IP in IP Tunneling in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.405.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipip\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.405.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.405.3 Tips

Using member operation to add an element to an existing object.

### 6.405.4 FortiOS Version Compatibility

### 6.405.5 Parameters

### 6.405.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.405.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IP in IP Tunneling.
  fortios_system_ipip_tunnel:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_ipip_tunnel:
      auto_asic_offload: "enable"
      interface: "<your_own_value> (source system.interface.name)"
      local_gw: "<your_own_value>"
      name: "default_name_6"
      remote_gw: "<your_own_value>"
      use_sdwan: "disable"
```

## 6.405.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.405.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.405.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.406 fortios\_system\_ips – Configure IPS system settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.406.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ips category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.406.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.406.3 Tips

Using member operation to add an element to an existing object.

### 6.406.4 FortiOS Version Compatibility

### 6.406.5 Parameters

### 6.406.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.406.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS system settings.
  fortios_system_ips:
    vdom: "{{ vdom }}"
    system_ips:
      override_signature_hold_by_id: "enable"
      signature_hold_time: "<your_own_value>"
```

## 6.406.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.406.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.406.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.407 fortios\_system\_ips\_urlfilter\_dns – Configure IPS URL filter DNS servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.407.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ips\_urlfilter\_dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.407.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.407.3 Tips

Using member operation to add an element to an existing object.

### 6.407.4 FortiOS Version Compatibility

### 6.407.5 Parameters

### 6.407.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.407.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPS URL filter DNS servers.
      fortios_system_ips_urlfilter_dns:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_ips_urlfilter_dns:
          address: "<your_own_value>"
          ipv6_capability: "enable"
          status: "enable"

```

### 6.407.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.407.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.407.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.408 fortios\_system\_ips\_urlfilter\_dns6 – Configure IPS URL filter IPv6 DNS servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.408.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ips\_urlfilter\_dns6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.408.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.408.3 Tips

Using member operation to add an element to an existing object.

### 6.408.4 FortiOS Version Compatibility

### 6.408.5 Parameters

### 6.408.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.408.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPS URL filter IPv6 DNS servers.
      fortios_system_ips_urlfilter_dns6:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_ips_urlfilter_dns6:
          address6: "<your_own_value>"
          status: "enable"

```

### 6.408.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.408.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.408.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.409 fortios\_system\_ipsec\_aggregate – Configure an aggregate of IPsec tunnels in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.409. fortios\_system\_ipsec\_aggregate – Configure an aggregate of IPsec tunnels in Fortinet’s 983 FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.409.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipsec\_aggregate category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.409.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.409.3 Tips

Using member operation to add an element to an existing object.

### 6.409.4 FortiOS Version Compatibility

### 6.409.5 Parameters

### 6.409.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.409.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure an aggregate of IPsec tunnels.
      fortios_system_ipsec_aggregate:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_ipsec_aggregate:
          algorithm: "L3"
          member:
            -
              tunnel_name: "<your_own_value> (source vpn.ipsec.phase1-interface.name) "
              name: "default_name_6"

```

### 6.409.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.409.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.409.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.410 fortios\_system\_ipv6\_neighbor\_cache – Configure IPv6 neighbor cache table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.410. fortios\_system\_ipv6\_neighbor\_cache – Configure IPv6 neighbor cache table in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.410.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipv6\_neighbor\_cache category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.410.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.410.3 Tips

Using member operation to add an element to an existing object.

### 6.410.4 FortiOS Version Compatibility

### 6.410.5 Parameters

### 6.410.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.410.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv6 neighbor cache table.
      fortios_system_ipv6_neighbor_cache:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_ipv6_neighbor_cache:
          id: "3"
          interface: "<your_own_value> (source system.interface.name)"
          ipv6: "<your_own_value>"
          mac: "<your_own_value>"

```

### 6.410.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.410.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.410.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.411 fortios\_system\_ipv6\_tunnel – Configure IPv6/IPv4 in IPv6 tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.411. fortios\_system\_ipv6\_tunnel – Configure IPv6/IPv4 in IPv6 tunnel in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.411.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipv6\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.411.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.411.3 Tips

Using member operation to add an element to an existing object.

### 6.411.4 FortiOS Version Compatibility

### 6.411.5 Parameters

### 6.411.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.411.7 Examples



```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6/IPv4 in IPv6 tunnel.
  fortios_system_ipv6_tunnel:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_ipv6_tunnel:
      auto_asic_offload: "enable"
      destination: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      name: "default_name_6"
      source: "<your_own_value>"
      use_sdwan: "disable"

```

### 6.411.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.411.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.411.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.412 fortios\_system\_isf\_queue\_profile – Create a queue profile of switch in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.412.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and isf\_queue\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.412.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.412.3 Tips

Using member operation to add an element to an existing object.

### 6.412.4 FortiOS Version Compatibility

### 6.412.5 Parameters

### 6.412.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.412.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Create a queue profile of switch.
  fortios_system_isf_queue_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_isf_queue_profile:
      bandwidth_unit: "kbps"
      burst_bps_granularity: "disable"
      burst_control: "disable"
      burst_pps_granularity: "disable"
      guaranteed_bandwidth: "0"
      maximum_bandwidth: "0"
      name: "default_name_9"
```

## 6.412.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.412.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.412.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.413 fortios\_system\_link\_monitor – Configure Link Health Monitor in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.413.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and link\_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.413.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.413.3 Tips

Using member operation to add an element to an existing object.

### 6.413.4 FortiOS Version Compatibility

### 6.413.5 Parameters

### 6.413.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.413.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Link Health Monitor.
  fortios_system_link_monitor:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_link_monitor:
      addr_mode: "ipv4"
      class_id: "0"
      diffservcode: "<your_own_value>"
      fail_weight: "0"
      failtime: "5"
      gateway_ip: "<your_own_value>"
      gateway_ip6: "<your_own_value>"
      ha_priority: "1"
      http_agent: "<your_own_value>"
      http_get: "<your_own_value>"
      http_match: "<your_own_value>"
      interval: "500"
      name: "default_name_15"
      packet_size: "64"
      password: "<your_own_value>"
      port: "0"
      probe_count: "30"
      probe_timeout: "500"
      protocol: "ping"
      recoverytime: "5"
      route:
        -
          subnet: "<your_own_value>"
      security_mode: "none"
      server:
        -
          address: "<your_own_value>"
      server_config: "default"
      server_list:
        -
          dst: "<your_own_value>"
          id: "31"
          port: "0"
          protocol: "ping"
          weight: "0"
      server_type: "static"
      service_detection: "enable"
      source_ip: "84.230.14.43"
      source_ip6: "<your_own_value>"
```

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```
srcintf: "<your_own_value> (source system.interface.name) "  
status: "enable"  
update_cascade_interface: "enable"  
update_policy_route: "enable"  
update_static_route: "enable"
```

### 6.413.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.413.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.413.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.414 fortios\_system\_lldp\_network\_policy – Configure LLDP network policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.414.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_lldp feature and network\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.414.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.414.3 Tips

Using member operation to add an element to an existing object.

### 6.414.4 FortiOS Version Compatibility

### 6.414.5 Parameters

### 6.414.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.414.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure LLDP network policy.
      fortios_system_lldp_network_policy:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_lldp_network_policy:
```

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```
comment: "Comment."
guest:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
guest_voice_signaling:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
name: "default_name_16"
softphone:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
streaming_video:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
video_conferencing:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
video_signaling:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
voice:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
voice_signaling:
  dscp: "46"
  priority: "5"
  status: "disable"
  tag: "none"
  vlan: "0"
```

## 6.414.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.414.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.414.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.415 fortios\_system\_lte\_modem – Configure USB LTE/WIMAX devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.415.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and lte\_modem category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.415.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.415.3 Tips

Using member operation to add an element to an existing object.

## 6.415.4 FortiOS Version Compatibility

## 6.415.5 Parameters

## 6.415.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.415.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure USB LTE/WIMAX devices.
  fortios_system_lte_modem:
    vdom: "{{ vdom }}"
    system_lte_modem:
      apn: "<your_own_value>"
      authtype: "none"
      extra_init: "<your_own_value>"
      holddown_timer: "30"
      interface: "<your_own_value> (source system.interface.name)"
      mode: "standalone"
      modem_port: "255"
      passwd: "<your_own_value>"
      status: "enable"
      username: "<your_own_value>"
```

## 6.415.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.415.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.415.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.416 fortios\_system\_mac\_address\_table – Configure MAC address tables in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.416.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and mac\_address\_table category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.416.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.416.3 Tips

Using member operation to add an element to an existing object.

## 6.416.4 FortiOS Version Compatibility

## 6.416.5 Parameters

## 6.416.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.416.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure MAC address tables.
  fortios_system_mac_address_table:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_mac_address_table:
      interface: "<your_own_value> (source system.interface.name)"
      mac: "<your_own_value>"
      reply_substitute: "<your_own_value>"
```

## 6.416.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.416.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.416.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.417 fortios\_system\_management\_tunnel – Management tunnel configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.417.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and management\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.417.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.417.3 Tips

Using member operation to add an element to an existing object.

### 6.417.4 FortiOS Version Compatibility

### 6.417.5 Parameters

### 6.417.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.417.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Management tunnel configuration.
  fortios_system_management_tunnel:
    vdom: "{{ vdom }}"
    system_management_tunnel:
      allow_collect_statistics: "enable"
      allow_config_restore: "enable"
      allow_push_configuration: "enable"
      allow_push_firmware: "enable"
      authorized_manager_only: "enable"
      serial_number: "<your_own_value>"
      status: "enable"
```

## 6.417.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.417.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.417.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.418 fortios\_system\_mem\_mgr – Configure memory manager in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.418.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and mem\_mgr category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.418.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.418.3 Tips

Using member operation to add an element to an existing object.

## 6.418.4 FortiOS Version Compatibility

## 6.418.5 Parameters

## 6.418.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.418.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure memory manager.
  fortios_system_mem_mgr:
    vdom: "{{ vdom }}"
    system_mem_mgr:
      mass_mmsd: "30"
```

## 6.418.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.418.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.418.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.419 fortios\_system\_mobile\_tunnel – Configure Mobile tunnels, an implementation of Network Mobility (NEMO) extensions for Mobile IPv4 RFC5177 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.419.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and mobile\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.419.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.419.3 Tips

Using member operation to add an element to an existing object.

## 6.419.4 FortiOS Version Compatibility

## 6.419.5 Parameters

## 6.419.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.419.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure Mobile tunnels, an implementation of Network Mobility (NEMO)
    ↪ extensions for Mobile IPv4 RFC5177.
    fortios_system_mobile_tunnel:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_mobile_tunnel:
        hash_algorithm: "hmac-md5"
        home_address: "<your_own_value>"
        home_agent: "<your_own_value>"
        lifetime: "65535"
        n_mhae_key: "<your_own_value>"
        n_mhae_key_type: "ascii"
        n_mhae_spi: "256"
        name: "default_name_10"
        network:
          -
            id: "12"
            interface: "<your_own_value> (source system.interface.name)"
```

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```

    prefix: "<your_own_value>"
    reg_interval: "5"
    reg_retry: "3"
    renew_interval: "60"
    roaming_interface: "<your_own_value> (source system.interface.name)"
    status: "disable"
    tunnel_mode: "gre"

```

## 6.419.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.419.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.419.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.420 fortios\_system\_modem – Configure MODEM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.420.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and modem category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.420.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.420.3 Tips

Using member operation to add an element to an existing object.

## 6.420.4 FortiOS Version Compatibility

## 6.420.5 Parameters

## 6.420.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.420.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure MODEM.
  fortios_system_modem:
    vdom: "{{ vdom }}"
```

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```

system_modem:
  action: "dial"
  altmode: "enable"
  authtype1: "pap"
  authtype2: "pap"
  authtype3: "pap"
  auto_dial: "enable"
  connect_timeout: "90"
  dial_cmd1: "<your_own_value>"
  dial_cmd2: "<your_own_value>"
  dial_cmd3: "<your_own_value>"
  dial_on_demand: "enable"
  distance: "1"
  dont_send_CR1: "enable"
  dont_send_CR2: "enable"
  dont_send_CR3: "enable"
  extra_init1: "<your_own_value>"
  extra_init2: "<your_own_value>"
  extra_init3: "<your_own_value>"
  holddown_timer: "60"
  idle_timer: "5"
  interface: "<your_own_value> (source system.interface.name)"
  lockdown_lac: "<your_own_value>"
  mode: "standalone"
  network_init: "<your_own_value>"
  passwd1: "<your_own_value>"
  passwd2: "<your_own_value>"
  passwd3: "<your_own_value>"
  peer_modem1: "generic"
  peer_modem2: "generic"
  peer_modem3: "generic"
  phone1: "<your_own_value>"
  phone2: "<your_own_value>"
  phone3: "<your_own_value>"
  pin_init: "<your_own_value>"
  ppp_echo_request1: "enable"
  ppp_echo_request2: "enable"
  ppp_echo_request3: "enable"
  priority: "0"
  redial: "none"
  reset: "0"
  status: "enable"
  traffic_check: "enable"
  username1: "<your_own_value>"
  username2: "<your_own_value>"
  username3: "<your_own_value>"
  wireless_port: "0"

```

## 6.420.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.420.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.420.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.421 fortios\_system\_nat64 – Configure NAT64 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.421.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and nat64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.421.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.421.3 Tips

Using member operation to add an element to an existing object.

## 6.421.4 FortiOS Version Compatibility

## 6.421.5 Parameters

## 6.421.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.421.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure NAT64.
  fortios_system_nat64:
    vdom: "{{ vdom }}"
    system_nat64:
      always_synthesize_aaaa_record: "enable"
      generate_ipv6_fragment_header: "enable"
      nat46_force_ipv4_packet_forwarding: "enable"
      nat64_prefix: "<your_own_value>"
      secondary_prefix:
        -
          name: "default_name_8"
          nat64_prefix: "<your_own_value>"
          secondary_prefix_status: "enable"
          status: "enable"
```

## 6.421.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.421.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.421.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.422 fortios\_system\_nd\_proxy – Configure IPv6 neighbor discovery proxy (RFC4389) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 6.422.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and nd\_proxy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.422.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.422.3 Tips

Using member operation to add an element to an existing object.

### 6.422.4 FortiOS Version Compatibility

### 6.422.5 Parameters

### 6.422.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.422.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPv6 neighbor discovery proxy (RFC4389).
  fortios_system_nd_proxy:
    vdom: "{{ vdom }}"
    system_nd_proxy:
      member:
      -
        interface_name: "<your_own_value> (source system.interface.name)"
        status: "enable"
```

## 6.422.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.422.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.422.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.423 fortios\_system\_netflow – Configure NetFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.423.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and netflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.423.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.423.3 Tips

Using member operation to add an element to an existing object.

### 6.423.4 FortiOS Version Compatibility

### 6.423.5 Parameters

### 6.423.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.423.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NetFlow.
  fortios_system_netflow:
    vdom: "{{ vdom }}"
    system_netflow:
      active_flow_timeout: "1800"
      collector_ip: "<your_own_value>"
      collector_port: "2055"
      inactive_flow_timeout: "15"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      source_ip: "84.230.14.43"
```

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```
template_tx_counter: "20"  
template_tx_timeout: "1800"
```

### 6.423.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.423.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.423.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.424 fortios\_system\_network\_visibility – Configure network visibility settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

## 6.424.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and network\_visibility category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.424.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.424.3 Tips

Using member operation to add an element to an existing object.

## 6.424.4 FortiOS Version Compatibility

## 6.424.5 Parameters

## 6.424.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.424.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure network visibility settings.
  fortios_system_network_visibility:
    vdom: "{{ vdom }}"
    system_network_visibility:
      destination_hostname_visibility: "disable"
      destination_location: "disable"
      destination_visibility: "disable"
      hostname_limit: "5000"
```

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```
hostname_ttl: "86400"  
source_location: "disable"
```

## 6.424.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.424.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.424.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.425 fortios\_system\_np6 – Configure NP6 attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 6.425.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and np6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.425.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.425.3 Tips

Using member operation to add an element to an existing object.

### 6.425.4 FortiOS Version Compatibility

### 6.425.5 Parameters

### 6.425.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.425.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure NP6 attributes.
      fortios_system_np6:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_np6:
          fastpath: "disable"
          fp_anomaly:
```

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```

icmp_csum_err: "drop"
icmp_frag: "allow"
icmp_land: "allow"
ipv4_csum_err: "drop"
ipv4_land: "allow"
ipv4_optlsrr: "allow"
ipv4_optrrr: "allow"
ipv4_optsecurity: "allow"
ipv4_optssrr: "allow"
ipv4_optstream: "allow"
ipv4_opttimestamp: "allow"
ipv4_proto_err: "allow"
ipv4_unknopt: "allow"
ipv6_daddr_err: "allow"
ipv6_land: "allow"
ipv6_optendpid: "allow"
ipv6_opthomeaddr: "allow"
ipv6_optinvld: "allow"
ipv6_optjumbo: "allow"
ipv6_optnsap: "allow"
ipv6_optralert: "allow"
ipv6_opttunnel: "allow"
ipv6_proto_err: "allow"
ipv6_saddr_err: "allow"
ipv6_unknopt: "allow"
tcp_csum_err: "drop"
tcp_fin_noack: "allow"
tcp_fin_only: "allow"
tcp_land: "allow"
tcp_no_flag: "allow"
tcp_syn_data: "allow"
tcp_syn_fin: "allow"
tcp_winnuke: "allow"
udp_csum_err: "drop"
udp_land: "allow"
garbage_session_collector: "disable"
hpe:
  arp_max: "200000"
  enable_shaper: "disable"
  esp_max: "200000"
  icmp_max: "200000"
  ip_frag_max: "200000"
  ip_others_max: "200000"
  l2_others_max: "200000"
  pri_type_max: "200000"
  sctp_max: "200000"
  tcp_max: "600000"
  tcpfin_rst_max: "600000"
  tcpsyn_ack_max: "600000"
  tcpsyn_max: "600000"
  udp_max: "600000"
ipsec_ob_hash_function: "global-hash"
ipsec_outbound_hash: "disable"
low_latency_mode: "disable"
name: "default_name_59"
per_session_accounting: "disable"
session_collector_interval: "64"

```

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```

session_timeout_fixed: "disable"
session_timeout_interval: "40"
session_timeout_random_range: "8"

```

### 6.425.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.425.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.425.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.426 fortios\_system\_npu – Configure NPU attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

## 6.426.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and npu category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.426.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.426.3 Tips

Using member operation to add an element to an existing object.

## 6.426.4 FortiOS Version Compatibility

## 6.426.5 Parameters

## 6.426.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.426.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NPU attributes.
  fortios_system_npu:
    vdom: "{{ vdom }}"
    system_npu:
      capwap_offload: "enable"
      dedicated_management_affinity: "<your_own_value>"
      dedicated_management_cpu: "enable"
      fastpath: "disable"
```

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```

gtp_enhanced_cpu_range: "0"
gtp_enhanced_mode: "enable"
intf_shaping_offload: "enable"
ipsec_dec_subengine_mask: "<your_own_value>"
ipsec_enc_subengine_mask: "<your_own_value>"
ipsec_inbound_cache: "enable"
ipsec_mtu_override: "disable"
ipsec_over_vlink: "enable"
isf_np_queues:
  cos0: "<your_own_value> (source system.isf-queue-profile.name) "
  cos1: "<your_own_value> (source system.isf-queue-profile.name) "
  cos2: "<your_own_value> (source system.isf-queue-profile.name) "
  cos3: "<your_own_value> (source system.isf-queue-profile.name) "
  cos4: "<your_own_value> (source system.isf-queue-profile.name) "
  cos5: "<your_own_value> (source system.isf-queue-profile.name) "
  cos6: "<your_own_value> (source system.isf-queue-profile.name) "
  cos7: "<your_own_value> (source system.isf-queue-profile.name) "
lag_out_port_select: "disable"
mcast_session_accounting: "tpe-based"
port_cpu_map:
  -
    cpu_core: "<your_own_value>"
    interface: "<your_own_value>"
port_npu_map:
  -
    interface: "<your_own_value>"
    npu_group_index: "0"
priority_protocol:
  bfd: "enable"
  bgp: "enable"
  slbc: "enable"
qos_mode: "disable"
rdp_offload: "enable"
session_denied_offload: "disable"
sse_backpressure: "enable"
strip_clear_text_padding: "enable"
strip_esp_padding: "enable"
sw_eh_hash:
  computation: "xor16"
  destination_ip_lower_16: "include"
  destination_ip_upper_16: "include"
  destination_port: "include"
  ip_protocol: "include"
  netmask_length: "32"
  source_ip_lower_16: "include"
  source_ip_upper_16: "include"
  source_port: "include"
sw_np_bandwidth: "0G"
uesp_offload: "enable"

```

## 6.426.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.426.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.426.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.427 fortios\_system\_ntp – Configure system NTP information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.427.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ntp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.427.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.427.3 Tips

Using member operation to add an element to an existing object.

## 6.427.4 FortiOS Version Compatibility

## 6.427.5 Parameters

## 6.427.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.427.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure system NTP information.
  fortios_system_ntp:
    vdom: "{{ vdom }}"
    system_ntp:
      authentication: "enable"
      interface:
        -
          interface_name: "<your_own_value> (source system.interface.name)"
          key: "<your_own_value>"
          key_id: "0"
          key_type: "MD5"
          ntpserver:
            -
              authentication: "enable"
              id: "11"
              interface: "<your_own_value> (source system.interface.name)"
              interface_select_method: "auto"
              key: "<your_own_value>"
              key_id: "0"
```

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```
ntp3: "enable"
server: "192.168.100.40"
ntpsync: "enable"
server_mode: "enable"
source_ip: "84.230.14.43"
source_ip6: "<your_own_value>"
syncinterval: "60"
type: "fortiguard"
```

## 6.427.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.427.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.427.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.428 fortios\_system\_object\_tagging – Configure object tagging in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.428.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and object\_tagging category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.428.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.428.3 Tips

Using member operation to add an element to an existing object.

### 6.428.4 FortiOS Version Compatibility

### 6.428.5 Parameters

### 6.428.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.428.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure object tagging.
  fortios_system_object_tagging:
    vdom: "{{ vdom }}"
```

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```
state: "present"
access_token: "<your_own_value>"
system_object_tagging:
  address: "disable"
  category: "<your_own_value>"
  color: "0"
  device: "disable"
  interface: "disable"
  multiple: "enable"
  tags:
    -
      name: "default_name_10"
```

### 6.428.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.428.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.428.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.429 fortios\_system\_password\_policy – Configure password policy for locally defined administrator passwords and IPsec VPN pre-shared keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*



- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.429.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and password\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.429.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.429.3 Tips

Using member operation to add an element to an existing object.

### 6.429.4 FortiOS Version Compatibility

### 6.429.5 Parameters

### 6.429.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.429.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure password policy for locally defined administrator passwords and
↪IPsec VPN pre-shared keys.
  fortios_system_password_policy:
    vdom: "{{ vdom }}"
    system_password_policy:
      apply_to: "admin-password"
      change_4_characters: "enable"
      expire_day: "90"
      expire_status: "enable"
      min_change_characters: "0"
      min_lower_case_letter: "0"
      min_non_alphanumeric: "0"
      min_number: "0"
      min_upper_case_letter: "0"
      minimum_length: "8"
      reuse_password: "enable"
      status: "enable"
```

## 6.429.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.429.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.429.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.430 fortios\_system\_password\_policy\_guest\_admin – Configure the password policy for guest administrators in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.430.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and password\_policy\_guest\_admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.430.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.430.3 Tips

Using member operation to add an element to an existing object.

### 6.430.4 FortiOS Version Compatibility

### 6.430.5 Parameters

### 6.430.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.430.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure the password policy for guest administrators.
  fortios_system_password_policy_guest_admin:
    vdom: "{{ vdom }}"
    system_password_policy_guest_admin:
      apply_to: "guest-admin-password"
      change_4_characters: "enable"
      expire_day: "90"
      expire_status: "enable"
      min_change_characters: "0"
      min_lower_case_letter: "0"
      min_non_alphanumeric: "0"
      min_number: "0"
      min_upper_case_letter: "0"
      minimum_length: "8"
      reuse_password: "enable"
      status: "enable"
```

## 6.430.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.430.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.430.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.431 fortios\_system\_performance\_top – Display information about the top CPU processes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.431.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_performance feature and top category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.431.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.431.3 Tips

Using member operation to add an element to an existing object.

### 6.431.4 FortiOS Version Compatibility

### 6.431.5 Parameters

### 6.431.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.431.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display information about the top CPU processes.
  fortios_system_performance_top:
    vdom: "{{ vdom }}"
    system_performance_top:
      delay: "<your_own_value>"
```

## 6.431.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.431.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.431.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.432 fortios\_system\_physical\_switch – Configure physical switches in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.432.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and physical\_switch category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.432.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.432.3 Tips

Using member operation to add an element to an existing object.

### 6.432.4 FortiOS Version Compatibility

### 6.432.5 Parameters

### 6.432.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.432.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure physical switches.
  fortios_system_physical_switch:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_physical_switch:
      age_enable: "enable"
      age_val: "3158067"
      name: "default_name_5"
      port:
        -
          name: "default_name_7"
          speed: "auto"
          status: "up"
```

## 6.432.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.432.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.432.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.433 fortios\_system\_pppoe\_interface – Configure the PPPoE interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.433.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and pppoe\_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.433.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.433.3 Tips

Using member operation to add an element to an existing object.

### 6.433.4 FortiOS Version Compatibility

### 6.433.5 Parameters

### 6.433.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 6.433.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure the PPPoE interfaces.
  fortios_system_pppoe_interface:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_pppoe_interface:
      ac_name: "<your_own_value>"
      auth_type: "auto"
      device: "<your_own_value> (source system.interface.name)"
      dial_on_demand: "enable"
      disc_retry_timeout: "1"
      idle_timeout: "0"
      ipunnumbered: "<your_own_value>"
      ipv6: "enable"
      lcp_echo_interval: "5"
      lcp_max_echo_fails: "3"
      name: "default_name_13"
      padt_retry_timeout: "1"
      password: "<your_own_value>"
      pppoe_unnumbered_negotiate: "enable"
      service_name: "<your_own_value>"
      username: "<your_own_value>"
```

### 6.433.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.433.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.433.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.434 fortios\_system\_probe\_response – Configure system probe response in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.434.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and probe\_response category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.434.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.434.3 Tips

Using member operation to add an element to an existing object.

## 6.434.4 FortiOS Version Compatibility

### 6.434.5 Parameters

### 6.434.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.434.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure system probe response.
  fortios_system_probe_response:
    vdom: "{{ vdom }}"
    system_probe_response:
      http_probe_value: "<your_own_value>"
      mode: "none"
      password: "<your_own_value>"
      port: "8008"
      security_mode: "none"
      timeout: "300"
      ttl_mode: "reinit"
```

### 6.434.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.434.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.434.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.435 fortios\_system\_proxy\_arp – Configure proxy-ARP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.435.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and proxy\_arp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.435.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.435.3 Tips

Using member operation to add an element to an existing object.

## 6.435.4 FortiOS Version Compatibility

### 6.435.5 Parameters

### 6.435.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.435.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure proxy-ARP.
  fortios_system_proxy_arp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_proxy_arp:
      end_ip: "<your_own_value>"
      id: "4"
      interface: "<your_own_value> (source system.interface.name)"
      ip: "<your_own_value>"
```

### 6.435.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.435.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.435.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.436 fortios\_system\_ptp – Configure system PTP information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.436.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ptp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.436.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.436.3 Tips

Using member operation to add an element to an existing object.

## 6.436.4 FortiOS Version Compatibility

## 6.436.5 Parameters

## 6.436.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.436.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure system PTP information.
  fortios_system_ptp:
    vdom: "{{ vdom }}"
    system_ptp:
      delay_mechanism: "E2E"
      interface: "<your_own_value> (source system.interface.name)"
      mode: "multicast"
      request_interval: "1"
      server_interface:
        -
          delay_mechanism: "E2E"
          id: "9"
          server_interface_name: "<your_own_value> (source system.interface.name)"
          server_mode: "enable"
          status: "enable"
```

## 6.436.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.436.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.436.10 Authors

- Link Zheng (@chillancezen)



- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.437 fortios\_system\_replacemsg\_admin – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.437.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.437.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.437.3 Tips

Using member operation to add an element to an existing object.

## 6.437.4 FortiOS Version Compatibility

## 6.437.5 Parameters

## 6.437.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.437.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_admin:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_admin:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.437.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.437.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.437.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.438 fortios\_system\_replacemsg\_alertmail – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.438.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and alertmail category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.438.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.438.3 Tips

Using member operation to add an element to an existing object.

## 6.438.4 FortiOS Version Compatibility

## 6.438.5 Parameters

## 6.438.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.438.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_alertmail:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_alertmail:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.438.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.438.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.438.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.439 fortios\_system\_replacemsg\_auth – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.439.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and auth category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.439.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.439.3 Tips

Using member operation to add an element to an existing object.

## 6.439.4 FortiOS Version Compatibility

## 6.439.5 Parameters

## 6.439.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.439.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_auth:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_auth:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.439.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.439.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.439.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.440 fortios\_system\_replacemsg\_automation – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.440.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and automation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.440.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.440.3 Tips

Using member operation to add an element to an existing object.

## 6.440.4 FortiOS Version Compatibility

## 6.440.5 Parameters

## 6.440.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.440.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_automation:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_automation:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.440.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.440.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.440.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.441 fortios\_system\_replacemsg\_device\_detection\_portal – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.441.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and device\_detection\_portal category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.441.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.441.3 Tips

Using member operation to add an element to an existing object.

## 6.441.4 FortiOS Version Compatibility

## 6.441.5 Parameters

## 6.441.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.441.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_device_detection_portal:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_device_detection_portal:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.441.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.441.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.441.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.442 fortios\_system\_replacemsg\_ec – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.442.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and ec category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.442.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.442.3 Tips

Using member operation to add an element to an existing object.

## 6.442.4 FortiOS Version Compatibility

## 6.442.5 Parameters

## 6.442.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.442.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_ec:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_ec:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.442.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.442.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.442.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.443 fortios\_system\_replacemsg\_fortiguard\_wf – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.443.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and fortiguard\_wf category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.443.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.443.3 Tips

Using member operation to add an element to an existing object.

## 6.443.4 FortiOS Version Compatibility

## 6.443.5 Parameters

## 6.443.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.443.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_fortiguard_wf:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_fortiguard_wf:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.443.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.443.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.443.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.444 fortios\_system\_replacemsg\_ftp – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.444.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and ftp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.444.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.444.3 Tips

Using member operation to add an element to an existing object.

## 6.444.4 FortiOS Version Compatibility

## 6.444.5 Parameters

## 6.444.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.444.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_ftp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_ftp:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.444.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.444.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.444.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.445 fortios\_system\_replacemsg\_group – Configure replacement message groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.445.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and replacemsg\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.445.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.445.3 Tips

Using member operation to add an element to an existing object.

## 6.445.4 FortiOS Version Compatibility

### 6.445.5 Parameters

### 6.445.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.445.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure replacement message groups.
  fortios_system_replacemsg_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_group:
      admin:
        -
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
      alertmail:
        -
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
      auth:
        -
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
      automation:
        -
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
    comment: "Comment."
```

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```

custom_message:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
device_detection_portal:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
ec:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
fortiguard_wf:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
ftp:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
group_type: "default"
http:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
icap:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
mail:
-
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
mm1:
-
  add_smil: "enable"
  charset: "utf-8"
  class: "not-included"
  format: "none"
  fos_message: "<your_own_value>"
  from: "<your_own_value>"

```

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```

    from_sender: "enable"
    header: "none"
    image: "<your_own_value> (source system.replacemsg-image.name) "
    msg_type: "<your_own_value>"
    priority: "not-included"
    rsp_status: "ok"
    rsp_text: "<your_own_value>"
    sender_visibility: "not-specified"
    smil_part: "<your_own_value>"
    subject: "<your_own_value>"
mm3:
-
    add_html: "enable"
    charset: "utf-8"
    format: "none"
    fos_message: "<your_own_value>"
    from: "<your_own_value>"
    from_sender: "enable"
    header: "none"
    html_part: "<your_own_value>"
    image: "<your_own_value> (source system.replacemsg-image.name) "
    msg_type: "<your_own_value>"
    priority: "not-included"
    subject: "<your_own_value>"
mm4:
-
    add_smil: "enable"
    charset: "utf-8"
    class: "not-included"
    domain: "<your_own_value>"
    format: "none"
    fos_message: "<your_own_value>"
    from: "<your_own_value>"
    from_sender: "enable"
    header: "none"
    image: "<your_own_value> (source system.replacemsg-image.name) "
    msg_type: "<your_own_value>"
    priority: "not-included"
    rsp_status: "ok"
    smil_part: "<your_own_value>"
    subject: "<your_own_value>"
mm7:
-
    add_smil: "enable"
    addr_type: "rfc2822-addr"
    allow_content_adaptation: "enable"
    charset: "utf-8"
    class: "not-included"
    format: "none"
    fos_message: "<your_own_value>"
    from: "<your_own_value>"
    from_sender: "enable"
    header: "none"
    image: "<your_own_value> (source system.replacemsg-image.name) "
    msg_type: "<your_own_value>"
    priority: "not-included"
    rsp_status: "success"

```

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```

    smil_part: "<your_own_value>"
    subject: "<your_own_value>"
mms:
  -
    buffer: "<your_own_value>"
    charset: "utf-8"
    format: "none"
    header: "none"
    image: "<your_own_value> (source system.replacemsg-image.name)"
    msg_type: "<your_own_value>"
nac_quar:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
name: "default_name_140"
nntp:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
spam:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
sslvpn:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
traffic_quota:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
utm:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
webproxy:
  -
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"

```

## 6.445.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.445.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.445.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.446 fortios\_system\_replacemsg\_http – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.446.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and http category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.446.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.446.3 Tips

Using member operation to add an element to an existing object.

## 6.446.4 FortiOS Version Compatibility

## 6.446.5 Parameters

## 6.446.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.446.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_http:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_http:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.446.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.446.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.446.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.447 fortios\_system\_replacemsg\_icap – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 6.447.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and icap category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.447.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.447.3 Tips

Using member operation to add an element to an existing object.

### 6.447.4 FortiOS Version Compatibility

### 6.447.5 Parameters

### 6.447.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.447.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_icap:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_icap:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.447.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.447.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.447.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.448 fortios\_system\_replacemsg\_image – Configure replacement message images in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.448.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and replacemsg\_image category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.448.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.448.3 Tips

Using member operation to add an element to an existing object.

## 6.448.4 FortiOS Version Compatibility

## 6.448.5 Parameters

## 6.448.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.448.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure replacement message images.
  fortios_system_replacemsg_image:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_image:
      image_base64: "<your_own_value>"
      image_type: "gif"
      name: "default_name_5"
```

## 6.448.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.448.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.448.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.449 fortios\_system\_replacemsg\_mail – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.449.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mail category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.449.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.449.3 Tips

Using member operation to add an element to an existing object.

## 6.449.4 FortiOS Version Compatibility

## 6.449.5 Parameters

## 6.449.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.449.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mail:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mail:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.449.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.449.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.449.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.450 fortios\_system\_replacemsg\_mm1 – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.450.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mm1 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.450.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.450.3 Tips

Using member operation to add an element to an existing object.

### 6.450.4 FortiOS Version Compatibility

### 6.450.5 Parameters

### 6.450.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.450.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mm1:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mm1:
      add_smil: "enable"
      charset: "utf-8"
      class: "not-included"
      format: "none"
      fos_message: "<your_own_value>"
      from: "<your_own_value>"
```

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```
from_sender: "enable"
header: "none"
image: "<your_own_value> (source system.replacemsg-image.name) "
msg_type: "<your_own_value>"
priority: "not-included"
rsp_status: "ok"
rsp_text: "<your_own_value>"
sender_visibility: "not-specified"
smil_part: "<your_own_value>"
subject: "<your_own_value>"
```

## 6.450.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.450.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.450.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.451 fortios\_system\_replacemsg\_mm3 – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*



- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.451.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mm3 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.451.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.451.3 Tips

Using member operation to add an element to an existing object.

### 6.451.4 FortiOS Version Compatibility

### 6.451.5 Parameters

### 6.451.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.451.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mm3:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mm3:
      add_html: "enable"
      charset: "utf-8"
      format: "none"
      fos_message: "<your_own_value>"
      from: "<your_own_value>"
      from_sender: "enable"
      header: "none"
      html_part: "<your_own_value>"
      image: "<your_own_value> (source system.replacemsg-image.name) "
      msg_type: "<your_own_value>"
      priority: "not-included"
      subject: "<your_own_value>"
```

### 6.451.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.451.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.451.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.452 fortios\_system\_replacemsg\_mm4 – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.452.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mm4 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.452.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.452.3 Tips

Using member operation to add an element to an existing object.

### 6.452.4 FortiOS Version Compatibility

### 6.452.5 Parameters

### 6.452.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.452.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mm4:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mm4:
      add_smil: "enable"
      charset: "utf-8"
      class: "not-included"
      domain: "<your_own_value>"
      format: "none"
      fos_message: "<your_own_value>"
      from: "<your_own_value>"
      from_sender: "enable"
      header: "none"
      image: "<your_own_value> (source system.replacemsg-image.name) "
      msg_type: "<your_own_value>"
      priority: "not-included"
      rsp_status: "ok"
      smil_part: "<your_own_value>"
      subject: "<your_own_value>"
```

## 6.452.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.452.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.452.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.453 fortios\_system\_replacemsg\_mm7 – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.453.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mm7 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.453.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.453.3 Tips

Using member operation to add an element to an existing object.

### 6.453.4 FortiOS Version Compatibility

### 6.453.5 Parameters

### 6.453.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.453.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mm7:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mm7:
      add_smil: "enable"
      addr_type: "rfc2822-addr"
      allow_content_adaptation: "enable"
      charset: "utf-8"
      class: "not-included"
      format: "none"
      fos_message: "<your_own_value>"
      from: "<your_own_value>"
      from_sender: "enable"
      header: "none"
      image: "<your_own_value> (source system.replacemsg-image.name)"
      msg_type: "<your_own_value>"
      priority: "not-included"
      rsp_status: "success"
      smil_part: "<your_own_value>"
      subject: "<your_own_value>"
```

## 6.453.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.453.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.453.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.454 fortios\_system\_replacemsg\_mms – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.454.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and mms category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.454.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.454.3 Tips

Using member operation to add an element to an existing object.

## 6.454.4 FortiOS Version Compatibility

## 6.454.5 Parameters

## 6.454.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.454.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_mms:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_mms:
      buffer: "<your_own_value>"
      charset: "utf-8"
      format: "none"
      header: "none"
      image: "<your_own_value> (source system.replacemsg-image.name)"
      msg_type: "<your_own_value>"
```

## 6.454.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.454.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.454.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)



- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.455 fortios\_system\_replacemsg\_nac\_quar – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.455.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and nac\_quar category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.455.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.455.3 Tips

Using member operation to add an element to an existing object.

## 6.455.4 FortiOS Version Compatibility

### 6.455.5 Parameters

### 6.455.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.455.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_nac_quar:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_nac_quar:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

### 6.455.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.455.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.455.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.456 fortios\_system\_replacemsg\_nntp – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.456.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and nntp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.456.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.456.3 Tips

Using member operation to add an element to an existing object.

## 6.456.4 FortiOS Version Compatibility

## 6.456.5 Parameters

## 6.456.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.456.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_nntp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_nntp:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.456.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.456.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.456.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.457 fortios\_system\_replacemsg\_spam – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.457.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and spam category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.457.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.457.3 Tips

Using member operation to add an element to an existing object.

## 6.457.4 FortiOS Version Compatibility

## 6.457.5 Parameters

## 6.457.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.457.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_spam:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_spam:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.457.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.457.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.457.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.458 fortios\_system\_replacemsg\_sslvpn – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.458.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and sslvpn category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.458.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.458.3 Tips

Using member operation to add an element to an existing object.

## 6.458.4 FortiOS Version Compatibility

## 6.458.5 Parameters

## 6.458.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.458.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_sslvpn:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_sslvpn:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.458.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.458.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.458.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.459 fortios\_system\_replacemsg\_traffic\_quota – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.459.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and traffic\_quota category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.459.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.459.3 Tips

Using member operation to add an element to an existing object.

## 6.459.4 FortiOS Version Compatibility

## 6.459.5 Parameters

## 6.459.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.459.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_traffic_quota:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_traffic_quota:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.459.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.459.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.459.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.460 fortios\_system\_replacemsg\_utm – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.460.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and utm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.460.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.460.3 Tips

Using member operation to add an element to an existing object.

## 6.460.4 FortiOS Version Compatibility

## 6.460.5 Parameters

## 6.460.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.460.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_utm:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_utm:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.460.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.460.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.460.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.461 fortios\_system\_replacemsg\_webproxy – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.461.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_replacemsg feature and webproxy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.461.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.461.3 Tips

Using member operation to add an element to an existing object.

## 6.461.4 FortiOS Version Compatibility

## 6.461.5 Parameters

## 6.461.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.461.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Replacement messages.
  fortios_system_replacemsg_webproxy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_replacemsg_webproxy:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 6.461.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.461.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.461.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.462 fortios\_system\_resource\_limits – Configure resource limits in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.462.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and resource\_limits category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.462.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.462.3 Tips

Using member operation to add an element to an existing object.

## 6.462.4 FortiOS Version Compatibility

## 6.462.5 Parameters

## 6.462.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.462.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure resource limits.
  fortios_system_resource_limits:
    vdom: "{{ vdom }}"
    system_resource_limits:
      custom_service: ""
      dialup_tunnel: ""
      firewall_address: ""
      firewall_addrgrp: ""
      firewall_policy: ""
      ipsec_phase1: ""
      ipsec_phase1_interface: ""
      ipsec_phase2: ""
      ipsec_phase2_interface: ""
      log_disk_quota: ""
      onetime_schedule: ""
      proxy: ""
      recurring_schedule: ""
      service_group: ""
      session: ""
      sslvpn: ""
      user: ""
      user_group: ""
```

## 6.462.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.462.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.462.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.463 fortios\_system\_saml – Global settings for SAML authentication in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.463.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and saml category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.463.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.463.3 Tips

Using member operation to add an element to an existing object.

## 6.463.4 FortiOS Version Compatibility

## 6.463.5 Parameters

## 6.463.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.463.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Global settings for SAML authentication.
  fortios_system_saml:
    vdom: "{{ vdom }}"
    system_saml:
      artifact_resolution_url: "<your_own_value>"
      binding_protocol: "post"
      cert: "<your_own_value> (source certificate.local.name)"
      default_login_page: "normal"
      default_profile: "<your_own_value> (source system.accprofile.name)"
      entity_id: "<your_own_value>"
      idp_artifact_resolution_url: "<your_own_value>"
      idp_cert: "<your_own_value> (source certificate.remote.name)"
      idp_entity_id: "<your_own_value>"
      idp_single_logout_url: "<your_own_value>"
      idp_single_sign_on_url: "<your_own_value>"
      life: "30"
      portal_url: "<your_own_value>"
      role: "identity-provider"
      server_address: "<your_own_value>"
```

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```

service_providers:
-
  assertion_attributes:
  -
    name: "default_name_20"
    type: "username"
    idp_artifact_resolution_url: "<your_own_value>"
    idp_entity_id: "<your_own_value>"
    idp_single_logout_url: "<your_own_value>"
    idp_single_sign_on_url: "<your_own_value>"
    name: "default_name_26"
    prefix: "<your_own_value>"
    sp_artifact_resolution_url: "<your_own_value>"
    sp_binding_protocol: "post"
    sp_cert: "<your_own_value> (source certificate.remote.name) "
    sp_entity_id: "<your_own_value>"
    sp_portal_url: "<your_own_value>"
    sp_single_logout_url: "<your_own_value>"
    sp_single_sign_on_url: "<your_own_value>"
    single_logout_url: "<your_own_value>"
    single_sign_on_url: "<your_own_value>"
    status: "enable"
    tolerance: "5"

```

## 6.463.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.463.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.463.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.464 fortios\_system\_sdn\_connector – Configure connection to SDN Connector in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.464.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sdn\_connector category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.464.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.464.3 Tips

Using member operation to add an element to an existing object.

### 6.464.4 FortiOS Version Compatibility

### 6.464.5 Parameters

### 6.464.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.464.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure connection to SDN Connector.
  fortios_system_sdn_connector:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_sdn_connector:
      access_key: "<your_own_value>"
      api_key: "<your_own_value>"
      azure_region: "global"
      client_id: "<your_own_value>"
      client_secret: "<your_own_value>"
      compartment_id: "<your_own_value>"
      compute_generation: "2"
      domain: "<your_own_value>"
      external_account_list:
        -
          external_id: "<your_own_value>"
          region_list:
            -
              region: "<your_own_value>"
              role_arn: "<your_own_value>"
      external_ip:
        -
          name: "default_name_17"
    forwarding_rule:
      -
        rule_name: "<your_own_value>"
        target: "<your_own_value>"
    gcp_project: "<your_own_value>"
    gcp_project_list:
      -
        gcp_zone_list:
          -
            name: "default_name_24"
            id: "25"
    group_name: "<your_own_value>"
    ha_status: "disable"
    ibm_region: "dallas"
    ibm_region_gen1: "us-south"
    ibm_region_gen2: "us-south"
    key_passwd: "<your_own_value>"
    login_endpoint: "<your_own_value>"
    name: "default_name_33"
    nic:
      -

```

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```

    ip:
    -
      name: "default_name_36"
      public_ip: "<your_own_value>"
      resource_group: "<your_own_value>"
    name: "default_name_39"
    oci_cert: "<your_own_value> (source certificate.local.name)"
    oci_fingerprint: "<your_own_value>"
    oci_region: "phoenix"
    oci_region_type: "commercial"
    password: "<your_own_value>"
    private_key: "<your_own_value>"
    region: "<your_own_value>"
    resource_group: "<your_own_value>"
    resource_url: "<your_own_value>"
    route:
    -
      name: "default_name_50"
    route_table:
    -
      name: "default_name_52"
      resource_group: "<your_own_value>"
      route:
      -
        name: "default_name_55"
        next_hop: "<your_own_value>"
        subscription_id: "<your_own_value>"
      secret_key: "<your_own_value>"
      secret_token: "<your_own_value>"
      server: "192.168.100.40"
      server_list:
      -
        ip: "<your_own_value>"
      server_port: "0"
      service_account: "<your_own_value>"
      status: "disable"
      subscription_id: "<your_own_value>"
      tenant_id: "<your_own_value>"
      type: "aci"
      update_interval: "60"
      use_metadata_iam: "disable"
      user_id: "<your_own_value>"
      username: "<your_own_value>"
      vcenter_password: "<your_own_value>"
      vcenter_server: "<your_own_value>"
      vcenter_username: "<your_own_value>"
      verify_certificate: "disable"
      vpc_id: "<your_own_value>"

```

## 6.464.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.464.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.464.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.465 fortios\_system\_sdwan – Configure redundant Internet connections with multiple outbound links and health-check profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.465.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sdwan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.465.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.465.3 Tips

Using member operation to add an element to an existing object.

## 6.465.4 FortiOS Version Compatibility

## 6.465.5 Parameters

## 6.465.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.465.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure redundant Internet connections with multiple outbound links and
    ↪health-check profiles.
    fortios_system_sdwan:
      vdom: "{{ vdom }}"
      system_sdwan:
        duplication:
          -
            dstaddr:
              -
                name: "default_name_5 (source firewall.address.name firewall.addrgrp.
    ↪name) "
            dstaddr6:
              -
                name: "default_name_7 (source firewall.address6.name firewall.
    ↪addrgrp6.name) "
            dstintf:
              -
                name: "default_name_9 (source system.interface.name system.zone.name_
    ↪system.sdwan.zone.name) "
```

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```

    id: "10"
    packet_de_duplication: "enable"
    packet_duplication: "disable"
    service:
    -
      name: "default_name_14 (source firewall.service.custom.name firewall.
↪service.group.name) "
      service_id:
      -
        id: "16 (source system.sdwan.service.id) "
        sla_match_service: "enable"
        srcaddr:
        -
          name: "default_name_19 (source firewall.address.name firewall.addrgrp.
↪name) "
          srcaddr6:
          -
            name: "default_name_21 (source firewall.address6.name firewall.
↪addrgrp6.name) "
            srcintf:
            -
              name: "default_name_23 (source system.interface.name system.zone.name_
↪system.sdwan.zone.name) "
              duplication_max_num: "2"
              fail_alert_interfaces:
              -
                name: "default_name_26 (source system.interface.name) "
              fail_detect: "enable"
              health_check:
              -
                addr_mode: "ipv4"
                detect_mode: "active"
                diffservcode: "<your_own_value>"
                dns_match_ip: "<your_own_value>"
                dns_request_domain: "<your_own_value>"
                embed_measured_health: "enable"
                failtime: "5"
                ftp_file: "<your_own_value>"
                ftp_mode: "passive"
                ha_priority: "1"
                http_agent: "<your_own_value>"
                http_get: "<your_own_value>"
                http_match: "<your_own_value>"
                interval: "500"
                members:
                -
                  seq_num: "0"
                mos_codec: "g711"
                name: "default_name_46"
                packet_size: "64"
                password: "<your_own_value>"
                port: "0"
                probe_count: "30"
                probe_packets: "disable"
                probe_timeout: "500"
                protocol: "ping"
                quality_measured_method: "half-open"

```

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```

recoverytime: "5"
security_mode: "none"
server: "192.168.100.40"
sla:
  -
    id: "59"
    jitter_threshold: "5"
    latency_threshold: "5"
    link_cost_factor: "latency"
    mos_threshold: "<your_own_value>"
    packetloss_threshold: "0"
    priority_in_sla: "0"
    priority_out_sla: "0"
    sla_fail_log_period: "0"
    sla_id_redistribute: "0"
    sla_pass_log_period: "0"
    source: "<your_own_value>"
    system_dns: "disable"
    threshold_alert_jitter: "0"
    threshold_alert_latency: "0"
    threshold_alert_packetloss: "0"
    threshold_warning_jitter: "0"
    threshold_warning_latency: "0"
    threshold_warning_packetloss: "0"
    update_cascade_interface: "enable"
    update_static_route: "enable"
    user: "<your_own_value>"
    vrf: "0"
load_balance_mode: "source-ip-based"
members:
  -
    comment: "Comments."
    cost: "0"
    gateway: "<your_own_value>"
    gateway6: "<your_own_value>"
    ingress_spillover_threshold: "0"
    interface: "<your_own_value> (source system.interface.name)"
    priority: "1"
    priority6: "1024"
    seq_num: "0"
    source: "<your_own_value>"
    source6: "<your_own_value>"
    spillover_threshold: "0"
    status: "disable"
    volume_ratio: "1"
    weight: "1"
    zone: "<your_own_value> (source system.sdwan.zone.name)"
neighbor:
  -
    health_check: "<your_own_value> (source system.sdwan.health-check.name)"
    ip: "<your_own_value> (source router.bgp.neighbor.ip)"
    member:
      -
        seq_num: "0"
    minimum_sla_meet_members: "1"
    mode: "sla"
    role: "standalone"

```

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```

        sla_id: "0"
        neighbor_hold_boot_time: "0"
        neighbor_hold_down: "enable"
        neighbor_hold_down_time: "0"
        service:
        -
            addr_mode: "ipv4"
            bandwidth_weight: "0"
            default: "enable"
            dscp_forward: "enable"
            dscp_forward_tag: "<your_own_value>"
            dscp_reverse: "enable"
            dscp_reverse_tag: "<your_own_value>"
            dst:
            -
                name: "default_name_121 (source firewall.address.name firewall.
↪addrgrp.name) "
                dst_negate: "enable"
                dst6:
                -
                    name: "default_name_124 (source firewall.address6.name firewall.
↪addrgrp6.name) "
                    end_port: "65535"
                    gateway: "enable"
                    groups:
                    -
                        name: "default_name_128 (source user.group.name) "
                    hash_mode: "round-robin"
                    health_check:
                    -
                        name: "default_name_131 (source system.sdwan.health-check.name) "
                    hold_down_time: "0"
                    id: "133"
                    input_device:
                    -
                        name: "default_name_135 (source system.interface.name) "
                    input_device_negate: "enable"
                    input_zone:
                    -
                        name: "default_name_138 (source system.sdwan.zone.name) "
                    internet_service: "enable"
                    internet_service_app_ctrl:
                    -
                        id: "141"
                    internet_service_app_ctrl_category:
                    -
                        id: "143"
                    internet_service_app_ctrl_group:
                    -
                        name: "default_name_145 (source application.group.name) "
                    internet_service_custom:
                    -
                        name: "default_name_147 (source firewall.internet-service-custom.name)
↪"
                    internet_service_custom_group:
                    -
                        name: "default_name_149 (source firewall.internet-service-custom-
↪group.name) "

```

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```

internet_service_group:
-
  name: "default_name_151 (source firewall.internet-service-group.name) "
internet_service_name:
-
  name: "default_name_153 (source firewall.internet-service-name.name) "
  jitter_weight: "0"
  latency_weight: "0"
  link_cost_factor: "latency"
  link_cost_threshold: "10"
  minimum_sla_meet_members: "0"
  mode: "auto"
  name: "default_name_160"
  packet_loss_weight: "0"
  passive_measurement: "enable"
  priority_members:
-
    seq_num: "0"
  priority_zone:
-
    name: "default_name_166 (source system.sdwan.zone.name) "
    protocol: "0"
    quality_link: "0"
    role: "standalone"
    route_tag: "0"
    sla:
-
      health_check: "<your_own_value> (source system.sdwan.health-check.
↪name) "
      id: "173"
      sla_compare_method: "order"
      src:
-
        name: "default_name_176 (source firewall.address.name firewall.
↪addrgrp.name) "
        src_negate: "enable"
        src6:
-
        name: "default_name_179 (source firewall.address6.name firewall.
↪addrgrp6.name) "
        standalone_action: "enable"
        start_port: "1"
        status: "enable"
        tie_break: "zone"
        tos: "<your_own_value>"
        tos_mask: "<your_own_value>"
        use_shortcut_sla: "enable"
        users:
-
        name: "default_name_188 (source user.local.name) "
      speedtest_bypass_routing: "disable"
      status: "disable"
    zone:
-
      name: "default_name_192"
      service_sla_tie_break: "cfg-order"

```

## 6.465.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.465.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.465.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.466 fortios\_system\_session\_helper – Configure session helper in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.466.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and session\_helper category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.466.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.466.3 Tips

Using member operation to add an element to an existing object.

## 6.466.4 FortiOS Version Compatibility

## 6.466.5 Parameters

## 6.466.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.466.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure session helper.
  fortios_system_session_helper:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_session_helper:
      id: "3"
      name: "default_name_4"
      port: "0"
      protocol: "0"
```

## 6.466.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.466.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.466.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.467 fortios\_system\_session\_ttl – Configure global session TTL timers for this FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.467.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and session\_ttl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.467.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.467.3 Tips

Using member operation to add an element to an existing object.

## 6.467.4 FortiOS Version Compatibility

## 6.467.5 Parameters

## 6.467.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.467.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure global session TTL timers for this FortiGate.
  fortios_system_session_ttl:
    vdom: "{{ vdom }}"
    system_session_ttl:
      default: "<your_own_value>"
      port:
        -
          end_port: "0"
          id: "6"
          protocol: "0"
          start_port: "0"
          timeout: "<your_own_value>"
```



## 6.467.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.467.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.467.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.468 fortios\_system\_settings – Configure VDOM settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.468.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.468.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.468.3 Tips

Using member operation to add an element to an existing object.

## 6.468.4 FortiOS Version Compatibility

## 6.468.5 Parameters

## 6.468.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.468.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VDOM settings.
  fortios_system_settings:
    vdom: "{{ vdom }}"
    system_settings:
      allow_linkdown_path: "enable"
      allow_subnet_overlap: "enable"
      application_bandwidth_tracking: "disable"
      asymroute: "enable"
      asymroute_icmp: "enable"
      asymroute6: "enable"
      asymroute6_icmp: "enable"
      auxiliary_session: "enable"
```

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```

bfd: "enable"
bfd_desired_min_tx: "250"
bfd_detect_mult: "3"
bfd_dont_enforce_src_port: "enable"
bfd_required_min_rx: "250"
block_land_attack: "disable"
central_nat: "enable"
comments: "<your_own_value>"
compliance_check: "enable"
consolidated_firewall_mode: "enable"
default_app_port_as_service: "enable"
default_policy_expiry_days: "30"
default_voip_alg_mode: "proxy-based"
deny_tcp_with_icmp: "enable"
device: "<your_own_value> (source system.interface.name)"
dhcp_proxy: "enable"
dhcp_proxy_interface: "<your_own_value> (source system.interface.name)"
dhcp_proxy_interface_select_method: "auto"
dhcp_server_ip: "<your_own_value>"
dhcp6_server_ip: "<your_own_value>"
discovered_device_timeout: "28"
dyn_addr_session_check: "enable"
ecmp_max_paths: "255"
email_portal_check_dns: "disable"
ext_resource_session_check: "enable"
firewall_session_dirty: "check-all"
fqdn_session_check: "enable"
fw_session_hairpin: "enable"
gateway: "<your_own_value>"
gateway6: "<your_own_value>"
gtp_asym_fgsp: "disable"
gtp_monitor_mode: "enable"
gui_advanced_policy: "enable"
gui_advanced_wireless_features: "enable"
gui_allow_unnamed_policy: "enable"
gui_antivirus: "enable"
gui_ap_profile: "enable"
gui_application_control: "enable"
gui_default_policy_columns:
-
  name: "default_name_50"
gui_dhcp_advanced: "enable"
gui_dlp: "enable"
gui_dns_database: "enable"
gui_dnsfilter: "enable"
gui_domain_ip_reputation: "enable"
gui_dos_policy: "enable"
gui_dynamic_profile_display: "enable"
gui_dynamic_routing: "enable"
gui_email_collection: "enable"
gui_endpoint_control: "enable"
gui_endpoint_control_advanced: "enable"
gui_enforce_change_summary: "disable"
gui_explicit_proxy: "enable"
gui_file_filter: "enable"
gui_fortiap_split_tunneling: "enable"
gui_fortiextender_controller: "enable"

```

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```
gui_icap: "enable"
gui_implicit_policy: "enable"
gui_ips: "enable"
gui_load_balance: "enable"
gui_local_in_policy: "enable"
gui_local_reports: "enable"
gui_multicast_policy: "enable"
gui_multiple_interface_policy: "enable"
gui_multiple_utm_profiles: "enable"
gui_nat46_64: "enable"
gui_object_colors: "enable"
gui_ot: "enable"
gui_per_policy_disclaimer: "enable"
gui_policy_based_ipsec: "enable"
gui_policy_disclaimer: "enable"
gui_policy_learning: "enable"
gui_replacement_message_groups: "enable"
gui_security_profile_group: "enable"
gui_spamfilter: "enable"
gui_sslvpn_personal_bookmarks: "enable"
gui_sslvpn_realms: "enable"
gui_switch_controller: "enable"
gui_threat_weight: "enable"
gui_traffic_shaping: "enable"
gui_videofilter: "enable"
gui_voip_profile: "enable"
gui_vpn: "enable"
gui_waf_profile: "enable"
gui_wan_load_balancing: "enable"
gui_wanopt_cache: "enable"
gui_webfilter: "enable"
gui_webfilter_advanced: "enable"
gui_wireless_controller: "enable"
gui_ztna: "enable"
h323_direct_model: "disable"
http_external_dest: "fortiweb"
ike_dn_format: "with-space"
ike_policy_route: "enable"
ike_port: "500"
ike_quick_crash_detect: "enable"
ike_session_resume: "enable"
implicit_allow_dns: "enable"
inspection_mode: "proxy"
ip: "<your_own_value>"
ip6: "<your_own_value>"
lan_extension_controller_addr: "<your_own_value>"
link_down_access: "enable"
lldp_reception: "enable"
lldp_transmission: "enable"
location_id: "<your_own_value>"
mac_ttl: "300"
manageip: "<your_own_value>"
manageip6: "<your_own_value>"
multicast_forward: "enable"
multicast_skip_policy: "enable"
multicast_ttl_notchange: "enable"
nat46_force_ipv4_packet_forwarding: "enable"
```

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```

nat46_generate_ipv6_fragment_header: "enable"
nat64_force_ipv6_packet_forwarding: "enable"
ngfw_mode: "profile-based"
opmode: "nat"
pfcp_monitor_mode: "enable"
prp_trailer_action: "enable"
sccp_port: "2000"
sctp_session_without_init: "enable"
ses_denied_traffic: "enable"
sip_expectation: "enable"
sip_helper: "enable"
sip_nat_trace: "enable"
sip_ssl_port: "5061"
sip_tcp_port: "<your_own_value>"
sip_udp_port: "<your_own_value>"
snat_hairpin_traffic: "enable"
ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
status: "enable"
strict_src_check: "enable"
tcp_session_without_syn: "enable"
utf8_spam_tagging: "enable"
v4_ecmp_mode: "source-ip-based"
vdom_type: "traffic"
vpn_stats_log: "ipsec"
vpn_stats_period: "600"
wccp_cache_engine: "enable"

```

## 6.468.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.468.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.468.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
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---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.469 fortios\_system\_sflow – Configure sFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.469.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.469.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.469.3 Tips

Using member operation to add an element to an existing object.

### 6.469.4 FortiOS Version Compatibility

### 6.469.5 Parameters

### 6.469.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.469.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure sFlow.
  fortios_system_sflow:
    vdom: "{{ vdom }}"
    system_sflow:
      collector_ip: "<your_own_value>"
      collector_port: "6343"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      source_ip: "84.230.14.43"
```

## 6.469.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

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- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.470 fortios\_system\_sit\_tunnel – Configure IPv6 tunnel over IPv4 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.470.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sit\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.470.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.470.3 Tips

Using member operation to add an element to an existing object.

### 6.470.4 FortiOS Version Compatibility

### 6.470.5 Parameters

### 6.470.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.470.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure IPv6 tunnel over IPv4.
      fortios_system_sit_tunnel:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_sit_tunnel:
          auto_asic_offload: "enable"
          destination: "<your_own_value>"
          interface: "<your_own_value> (source system.interface.name)"
          ip6: "<your_own_value>"
          name: "default_name_7"
          source: "<your_own_value>"
          use_sdwan: "disable"

```

## 6.470.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.470.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.470.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.471 fortios\_system\_smc\_ntp – Configure SMC NTP information in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.471.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and smc\_ntp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.471.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.471.3 Tips

Using member operation to add an element to an existing object.

### 6.471.4 FortiOS Version Compatibility

### 6.471.5 Parameters

### 6.471.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.471.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure SMC NTP information.
      fortios_system_smc_ntp:
        vdom: "{{ vdom }}"
        system_smc_ntp:
          channel: "32767"
          ntpserver:
            -
              id: "5"
              server: "192.168.100.40"
          ntpsync: "enable"
          syncinterval: "32767"
```

## 6.471.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.471.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.471.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.472 fortios\_system\_sms\_server – Configure SMS server for sending SMS messages to support user authentication in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.472.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sms\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.472.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.472.3 Tips

Using member operation to add an element to an existing object.

### 6.472.4 FortiOS Version Compatibility

### 6.472.5 Parameters

### 6.472.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.472.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure SMS server for sending SMS messages to support user_
    ↪ authentication.
    fortios_system_sms_server:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_sms_server:
        mail_server: "<your_own_value>"
        name: "default_name_4"
```

## 6.472.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.472.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.472.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.473 fortios\_system\_snmp\_community – SNMP community configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.473.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_snmp feature and community category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.473.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.473.3 Tips

Using member operation to add an element to an existing object.

### 6.473.4 FortiOS Version Compatibility

### 6.473.5 Parameters

### 6.473.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.473.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SNMP community configuration.
  fortios_system_snmp_community:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_snmp_community:
      events: "cpu-high"
      hosts:
        -
          ha_direct: "enable"
          host_type: "any"
          id: "7"
          ip: "<your_own_value>"
          source_ip: "84.230.14.43"
        hosts6:
          -
            ha_direct: "enable"
            host_type: "any"
            id: "13"
            ipv6: "<your_own_value>"
            source_ipv6: "<your_own_value>"
      id: "16"
      mib_view: "<your_own_value> (source system.snmp.mib-view.name) "
      name: "default_name_18"
      query_v1_port: "161"
      query_v1_status: "enable"
      query_v2c_port: "161"
      query_v2c_status: "enable"
      status: "enable"
      trap_v1_lport: "162"
      trap_v1_rport: "162"
      trap_v1_status: "enable"
      trap_v2c_lport: "162"
      trap_v2c_rport: "162"
      trap_v2c_status: "enable"
    vdoms:
      -
        name: "default_name_31 (source system.vdom.name) "
```

## 6.473.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.473.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.473.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.474 fortios\_system\_snmp\_mib\_view – SNMP Access Control MIB View configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.474.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_snmp feature and mib\_view category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.474.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.474.3 Tips

Using member operation to add an element to an existing object.

## 6.474.4 FortiOS Version Compatibility

## 6.474.5 Parameters

## 6.474.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.474.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: SNMP Access Control MIB View configuration.
  fortios_system_snmp_mib_view:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_snmp_mib_view:
      exclude: "<your_own_value>"
      include: "<your_own_value>"
      name: "default_name_5"

```

## 6.474.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.474.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.474.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.475 fortios\_system\_snmp\_sysinfo – SNMP system info configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.475.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_snmp feature and sysinfo category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.475.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.475.3 Tips

Using member operation to add an element to an existing object.

## 6.475.4 FortiOS Version Compatibility

## 6.475.5 Parameters

## 6.475.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.475.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SNMP system info configuration.
  fortios_system_snmp_sysinfo:
    vdom: "{{ vdom }}"
    system_snmp_sysinfo:
      contact_info: "<your_own_value>"
      description: "<your_own_value>"
      engine_id: "<your_own_value>"
      engine_id_type: "text"
      location: "<your_own_value>"
      status: "enable"
      trap_high_cpu_threshold: "80"
      trap_log_full_threshold: "90"
      trap_low_memory_threshold: "80"
```

## 6.475.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.475.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.475.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.476 fortios\_system\_snmp\_user – SNMP user configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.476.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system\_snmp feature and user category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.476.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.476.3 Tips

Using member operation to add an element to an existing object.

## 6.476.4 FortiOS Version Compatibility

## 6.476.5 Parameters

## 6.476.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.476.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SNMP user configuration.
  fortios_system_snmp_user:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_snmp_user:
      auth_proto: "md5"
      auth_pwd: "<your_own_value>"
      events: "cpu-high"
      ha_direct: "enable"
      mib_view: "<your_own_value> (source system.snmp.mib-view.name)"
      name: "default_name_8"
      notify_hosts: "<your_own_value>"
      notify_hosts6: "<your_own_value>"
      priv_proto: "aes"
      priv_pwd: "<your_own_value>"
      queries: "enable"
      query_port: "161"
      security_level: "no-auth-no-priv"
```

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```
source_ip: "84.230.14.43"
source_ipv6: "<your_own_value>"
status: "enable"
trap_lport: "162"
trap_rport: "162"
trap_status: "enable"
vdoms:
  -
    name: "default_name_23 (source system.vdom.name) "
```

## 6.476.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.476.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.476.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.477 fortios\_system\_speed\_test\_schedule – Speed test schedule for each interface in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.477.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and speed\_test\_schedule category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.477.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.477.3 Tips

Using member operation to add an element to an existing object.

### 6.477.4 FortiOS Version Compatibility

### 6.477.5 Parameters

### 6.477.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.477.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Speed test schedule for each interface.
```

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```
fortios_system_speed_test_schedule:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  system_speed_test_schedule:
    diffserv: "<your_own_value>"
    dynamic_server: "disable"
    interface: "<your_own_value> (source system.interface.name)"
    schedules:
      -
        name: "default_name_7 (source firewall.schedule.recurring.name)"
        server_name: "<your_own_value>"
        status: "disable"
        update_inbandwidth: "disable"
        update_inbandwidth_maximum: "0"
        update_inbandwidth_minimum: "0"
        update_outbandwidth: "disable"
        update_outbandwidth_maximum: "0"
        update_outbandwidth_minimum: "0"
```

## 6.477.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.477.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.477.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.478 fortios\_system\_speed\_test\_server – Configure speed test server list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.478.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and speed\_test\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.478.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.478.3 Tips

Using member operation to add an element to an existing object.

### 6.478.4 FortiOS Version Compatibility

### 6.478.5 Parameters

### 6.478.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.478.7 Examples

---

**6.478. fortios\_system\_speed\_test\_server – Configure speed test server list in Fortinet’s FortiOS41 and FortiGate.**

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure speed test server list.
  fortios_system_speed_test_server:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_speed_test_server:
      host:
        -
          id: "4"
          ip: "<your_own_value>"
          password: "<your_own_value>"
          port: "5204"
          user: "<your_own_value>"
    name: "default_name_9"
    timestamp: "0"
```

## 6.478.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.478.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.478.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.479 fortios\_system\_sso\_admin – Configure SSO admin users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.479.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sso\_admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.479.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.479.3 Tips

Using member operation to add an element to an existing object.

### 6.479.4 FortiOS Version Compatibility

### 6.479.5 Parameters

### 6.479.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.479.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSO admin users.
  fortios_system_sso_admin:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_sso_admin:
      accprofile: "<your_own_value> (source system.accprofile.name)"
      gui_dashboard:
        -
          columns: "10"
          id: "6"
          layout_type: "responsive"
          name: "default_name_8"
          permanent: "disable"
          vdom: "<your_own_value> (source system.vdom.name)"
          widget:
            -
              fabric_device: "<your_own_value>"
              fabric_device_widget_name: "<your_own_value>"
              fabric_device_widget_visualization_type: "<your_own_value>"
              fortiview_device: "<your_own_value>"
              fortiview_filters:
                -
                  id: "17"
                  key: "<your_own_value>"
                  value: "<your_own_value>"
              fortiview_sort_by: "<your_own_value>"
              fortiview_timeframe: "<your_own_value>"
              fortiview_type: "<your_own_value>"
              fortiview_visualization: "<your_own_value>"
              height: "25"
              id: "25"
              industry: "default"
              interface: "<your_own_value> (source system.interface.name)"
              region: "default"
              title: "<your_own_value>"
              type: "sysinfo"
              width: "25"
              x_pos: "500"
              y_pos: "500"
      gui_global_menu_favorites:
        -
          id: "35"
      gui_ignore_release_overview_version: "<your_own_value>"
      gui_new_feature_acknowledge:
```

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```

-
  id: "38"
gui_vdom_menu_favorites:
-
  id: "40"
  name: "default_name_41"
  vdom:
-
  name: "default_name_43 (source system.vdom.name) "

```

## 6.479.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.479.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.479.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.480 fortios\_system\_sso\_forticloud\_admin – Configure FortiCloud SSO admin users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.480.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sso\_forticloud\_admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.480.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.480.3 Tips

Using member operation to add an element to an existing object.

## 6.480.4 FortiOS Version Compatibility

## 6.480.5 Parameters

## 6.480.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.480.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiCloud SSO admin users.
```

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```
fortios_system_sso_forticloud_admin:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  system_sso_forticloud_admin:
    name: "default_name_3"
    vdom:
      -
        name: "default_name_5 (source system.vdom.name) "
```

## 6.480.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.480.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.480.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.481 fortios\_system\_standalone\_cluster – Configure FortiGate Session Life Support Protocol (FGSP) cluster attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.481.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and standalone\_cluster category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.481.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.481.3 Tips

Using member operation to add an element to an existing object.

### 6.481.4 FortiOS Version Compatibility

### 6.481.5 Parameters

### 6.481.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.481.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure FortiGate Session Life Support Protocol (FGSP) cluster attributes.
  fortios_system_standalone_cluster:
    vdom: "{{ vdom }}"
    system_standalone_cluster:
      cluster_peer:
        -
          down_intfes_before_sess_sync:
            -
              name: "default_name_5 (source )"
              hb_interval: "2"
              hb_lost_threshold: "10"
              ipsec_tunnel_sync: "enable"
              peerip: "<your_own_value>"
              peervd: "<your_own_value> (source )"
              secondary_add_ipsec_routes: "enable"
              session_sync_filter:
                custom_service:
                  -
                    dst_port_range: "<your_own_value>"
                    id: "15"
                    src_port_range: "<your_own_value>"
                    dstaddr: "<your_own_value>"
                    dstaddr6: "<your_own_value>"
                    dstintf: "<your_own_value> (source )"
                    srcaddr: "<your_own_value>"
                    srcaddr6: "<your_own_value>"
                    srcintf: "<your_own_value> (source )"
              sync_id: "0"
              syncvd:
                -
                  name: "default_name_25 (source )"
              encryption: "enable"
              group_member_id: "0"
              layer2_connection: "available"
              psksecret: "<your_own_value>"
              session_sync_dev: "<your_own_value> (source system.interface.name)"
              standalone_group_id: "0"

```

## 6.481.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.481.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.481.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.482 fortios\_system\_storage – Configure logical storage in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.482.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and storage category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.482.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.482.3 Tips

Using member operation to add an element to an existing object.

## 6.482.4 FortiOS Version Compatibility

## 6.482.5 Parameters

## 6.482.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.482.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure logical storage.
  fortios_system_storage:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_storage:
      device: "<your_own_value>"
      media_status: "enable"
      name: "default_name_5"
      order: "0"
      partition: "<your_own_value>"
      size: "0"
      status: "enable"
      usage: "log"
      wanopt_mode: "mix"
```

## 6.482.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.482.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.482.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.483 fortios\_system\_stp – Configure Spanning Tree Protocol (STP) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.483.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and stp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.483.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.483.3 Tips

Using member operation to add an element to an existing object.

## 6.483.4 FortiOS Version Compatibility

## 6.483.5 Parameters

## 6.483.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.483.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Spanning Tree Protocol (STP).
  fortios_system_stp:
    vdom: "{{ vdom }}"
    system_stp:
      config_revision: "2147483647"
      forward_delay: "15"
      hello_time: "2"
      max_age: "20"
      max_hops: "20"
      region_name: "<your_own_value>"
      status: "<your_own_value>"
      switch_priority: "0"
```

## 6.483.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.483.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.483.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## **6.484 fortios\_system\_switch\_interface – Configure software switch interfaces by grouping physical and WiFi interfaces in Fortinet’s FortiOS and FortiGate.**

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### **6.484.1 Synopsis**

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and switch\_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### **6.484.2 Requirements**

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### **6.484.3 Tips**

Using member operation to add an element to an existing object.

## 6.484.4 FortiOS Version Compatibility

### 6.484.5 Parameters

### 6.484.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.484.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure software switch interfaces by grouping physical and WiFi_
    ↪ interfaces.
    fortios_system_switch_interface:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_switch_interface:
        intra_switch_policy: "implicit"
        mac_ttl: "300"
        member:
          -
            interface_name: "<your_own_value> (source system.interface.name)"
            name: "default_name_7"
            span: "disable"
            span_dest_port: "<your_own_value> (source system.interface.name)"
            span_direction: "rx"
            span_source_port:
              -
                interface_name: "<your_own_value> (source system.interface.name)"
            type: "switch"
            vdom: "<your_own_value> (source system.vdom.name)"
```

## 6.484.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.484.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.484.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.485 fortios\_system\_tos\_based\_priority – Configure Type of Service (ToS) based priority table to set network traffic priorities in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.485.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and tos\_based\_priority category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.485.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.485.3 Tips

Using member operation to add an element to an existing object.

## 6.485.4 FortiOS Version Compatibility

## 6.485.5 Parameters

## 6.485.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.485.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure Type of Service (ToS) based priority table to set network traffic
    ↪priorities.
    fortios_system_tos_based_priority:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_tos_based_priority:
        id: "3"
        priority: "low"
        tos: "0"
```

## 6.485.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.485.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.485.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.486 fortios\_system\_vdom – Configure virtual domain in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.486.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.486.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.486.3 Tips

Using member operation to add an element to an existing object.

## 6.486.4 FortiOS Version Compatibility

## 6.486.5 Parameters

## 6.486.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.486.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure virtual domain.
  fortios_system_vdom:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_vdom:
      flag: "0"
      name: "default_name_4"
      short_name: "<your_own_value>"
      temporary: "2147483647"
      vcluster_id: "0"
```

## 6.486.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.486.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.486.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.487 fortios\_system\_vdom\_dns – Configure DNS servers for a non-management VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.487.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.487.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.487.3 Tips

Using member operation to add an element to an existing object.

## 6.487.4 FortiOS Version Compatibility

## 6.487.5 Parameters

## 6.487.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.487.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure DNS servers for a non-management VDOM.
  fortios_system_vdom_dns:
    vdom: "{{ vdom }}"
    system_vdom_dns:
      alt_primary: "<your_own_value>"
      alt_secondary: "<your_own_value>"
      dns_over_tls: "disable"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ip6_primary: "<your_own_value>"
      ip6_secondary: "<your_own_value>"
      primary: "<your_own_value>"
      protocol: "cleartext"
      secondary: "<your_own_value>"
      server_hostname:
        -
          hostname: "myhostname"
      server_select_method: "least-rtt"
      source_ip: "84.230.14.43"
```

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```
ssl_certificate: "<your_own_value> (source certificate.local.name) "  
vdom_dns: "enable"
```

## 6.487.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.487.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.487.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.488 fortios\_system\_vdom\_exception – Global configuration objects that can be configured independently across different ha peers for all VDOMs or for the defined VDOM scope in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.488.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_exception category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.488.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.488.3 Tips

Using member operation to add an element to an existing object.

## 6.488.4 FortiOS Version Compatibility

## 6.488.5 Parameters

## 6.488.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.488.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Global configuration objects that can be configured independently across
    ↪different ha peers for all VDOMs or for the defined VDOM scope.
    fortios_system_vdom_exception:
      vdom: "{{ vdom }}"
```

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**6.488. fortios\_system\_vdom\_exception** – Global configuration objects that can be configured independently across different ha peers for all VDOMs or for the defined VDOM scope in Fortinet's FortiOS and FortiGate.

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```
state: "present"
access_token: "<your_own_value>"
system_vdom_exception:
  id: "3"
  object: "log.fortianalyzer.setting"
  oid: "32767"
  scope: "all"
  vdom:
    -
      name: "default_name_8 (source system.vdom.name) "
```

## 6.488.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.488.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.488.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.489 fortios\_system\_vdom\_link – Configure VDOM links in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*



- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.489.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_link category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.489.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.489.3 Tips

Using member operation to add an element to an existing object.

### 6.489.4 FortiOS Version Compatibility

### 6.489.5 Parameters

### 6.489.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.489.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure VDOM links.
  fortios_system_vdom_link:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_vdom_link:
      name: "default_name_3"
      type: "ppp"
      vcluster: "vcluster1"
```

## 6.489.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.489.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.489.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.490 fortios\_system\_vdom\_netflow – Configure NetFlow per VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.490.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_netflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.490.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.490.3 Tips

Using member operation to add an element to an existing object.

### 6.490.4 FortiOS Version Compatibility

### 6.490.5 Parameters

### 6.490.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.490.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure NetFlow per VDOM.
  fortios_system_vdom_netflow:
    vdom: "{{ vdom }}"
    system_vdom_netflow:
      collector_ip: "<your_own_value>"
      collector_port: "2055"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      source_ip: "84.230.14.43"
      vdom_netflow: "enable"
```

## 6.490.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.490.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.490.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.491 fortios\_system\_vdom\_property – Configure VDOM property in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.491.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_property category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.491.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.491.3 Tips

Using member operation to add an element to an existing object.

### 6.491.4 FortiOS Version Compatibility

### 6.491.5 Parameters

### 6.491.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.491.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
```

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```

tasks:
- name: Configure VDOM property.
  fortios_system_vdom_property:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_vdom_property:
      custom_service: "<your_own_value>"
      description: "<your_own_value>"
      dialup_tunnel: "<your_own_value>"
      firewall_address: "<your_own_value>"
      firewall_addrgrp: "<your_own_value>"
      firewall_policy: "<your_own_value>"
      ipsec_phase1: "<your_own_value>"
      ipsec_phase1_interface: "<your_own_value>"
      ipsec_phase2: "<your_own_value>"
      ipsec_phase2_interface: "<your_own_value>"
      log_disk_quota: "<your_own_value>"
      name: "default_name_14 (source system.vdom.name)"
      onetime_schedule: "<your_own_value>"
      proxy: "<your_own_value>"
      recurring_schedule: "<your_own_value>"
      service_group: "<your_own_value>"
      session: "<your_own_value>"
      snmp_index: "0"
      sslvpn: "<your_own_value>"
      user: "<your_own_value>"
      user_group: "<your_own_value>"

```

## 6.491.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.491.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.491.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.492 fortios\_system\_vdom\_radius\_server – Configure a RADIUS server to use as a RADIUS Single Sign On (RSSO) server for this VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.492.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_radius\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.492.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.492.3 Tips

Using member operation to add an element to an existing object.

### 6.492.4 FortiOS Version Compatibility

### 6.492.5 Parameters

### 6.492.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

---

**6.492. fortios\_system\_vdom\_radius\_server – Configure a RADIUS server to use as a RADIUS 1171 Single Sign On (RSSO) server for this VDOM in Fortinet’s FortiOS and FortiGate.**

## 6.492.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure a RADIUS server to use as a RADIUS Single Sign On (RSSO) server_
    ↪for this VDOM.
    fortios_system_vdom_radius_server:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      system_vdom_radius_server:
        name: "default_name_3 (source system.vdom.name) "
        radius_server_vdom: "<your_own_value> (source system.vdom.name) "
        status: "enable"
```

## 6.492.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.492.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.492.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.493 fortios\_system\_vdom\_sflow – Configure sFlow per VDOM to add or change the IP address and UDP port that FortiGate sFlow agents in this VDOM use to send sFlow datagrams to an sFlow collector in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.493.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom\_sflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.493.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.493.3 Tips

Using member operation to add an element to an existing object.

### 6.493.4 FortiOS Version Compatibility

### 6.493.5 Parameters

### 6.493.6 Notes

---

**Note:**

---

**6.493. fortios\_system\_vdom\_sflow – Configure sFlow per VDOM to add or change the IP address and UDP port that FortiGate sFlow agents in this VDOM use to send sFlow datagrams to an sFlow collector in Fortinet’s FortiOS and FortiGate.**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.493.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure sFlow per VDOM to add or change the IP address and UDP port that
    ↪FortiGate sFlow agents in this VDOM use to send sFlow datagrams to an
    sFlow collector.
    fortios_system_vdom_sflow:
      vdom: "{{ vdom }}"
      system_vdom_sflow:
        collector_ip: "<your_own_value>"
        collector_port: "6343"
        interface: "<your_own_value> (source system.interface.name)"
        interface_select_method: "auto"
        source_ip: "84.230.14.43"
        vdom_sflow: "enable"
```

### 6.493.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.493.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.493.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.494 fortios\_system\_virtual\_switch – Configure virtual hardware switch interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.494.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual\_switch category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.494.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.494.3 Tips

Using member operation to add an element to an existing object.

### 6.494.4 FortiOS Version Compatibility

### 6.494.5 Parameters

### 6.494.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.494.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure virtual hardware switch interfaces.
  fortios_system_virtual_switch:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_virtual_switch:
      name: "default_name_3"
      physical_switch: "<your_own_value> (source system.physical-switch.name)"
      port:
        -
          alias: "<your_own_value>"
          mediatype: "cfp2-sr10"
          name: "default_name_8 (source system.interface.name)"
          speed: "auto"
          status: "up"
      span: "disable"
      span_dest_port: "<your_own_value>"
      span_direction: "rx"
      span_source_port: "<your_own_value>"
```

## 6.494.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.494.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.494.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.495 fortios\_system\_virtual\_wan\_link – Configure redundant internet connections using SD-WAN (formerly virtual WAN link) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.495.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual\_wan\_link category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.495.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.495.3 Tips

Using member operation to add an element to an existing object.

## 6.495.4 FortiOS Version Compatibility

### 6.495.5 Parameters

### 6.495.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.495.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure redundant internet connections using SD-WAN (formerly virtual WAN_
↪link).
    fortios_system_virtual_wan_link:
      vdom: "{{ vdom }}"
      system_virtual_wan_link:
        fail_alert_interfaces:
          -
            name: "default_name_4 (source system.interface.name)"
            fail_detect: "enable"
            health_check:
              -
                addr_mode: "ipv4"
                diffservcode: "<your_own_value>"
                failtime: "1800"
                ha_priority: "25"
                http_agent: "<your_own_value>"
                http_get: "<your_own_value>"
                http_match: "<your_own_value>"
                interval: "1800000"
                members:
                  -
                    seq_num: "2147483647"
                name: "default_name_17"
                packet_size: "512"
                password: "<your_own_value>"
                port: "32767"
                probe_packets: "disable"
                probe_timeout: "2500"
                protocol: "ping"
                recoverytime: "1800"
                security_mode: "none"
```

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```

server: "192.168.100.40"
sla:
  -
    id: "28"
    jitter_threshold: "5000000"
    latency_threshold: "5000000"
    link_cost_factor: "latency"
    packetloss_threshold: "50"
    sla_fail_log_period: "1800"
    sla_pass_log_period: "1800"
    threshold_alert_jitter: "2147483647"
    threshold_alert_latency: "2147483647"
    threshold_alert_packetloss: "50"
    threshold_warning_jitter: "2147483647"
    threshold_warning_latency: "2147483647"
    threshold_warning_packetloss: "50"
    update_cascade_interface: "enable"
    update_static_route: "enable"
load_balance_mode: "source-ip-based"
members:
  -
    comment: "Comments."
    cost: "2147483647"
    gateway: "<your_own_value>"
    gateway6: "<your_own_value>"
    ingress_spillover_threshold: "8388000"
    interface: "<your_own_value> (source system.interface.name)"
    priority: "2147483647"
    seq_num: "127"
    source: "<your_own_value>"
    source6: "<your_own_value>"
    spillover_threshold: "8388000"
    status: "disable"
    volume_ratio: "127"
    weight: "127"
neighbor:
  -
    health_check: "<your_own_value> (source system.virtual-wan-link.health-
↪check.name)"
    ip: "<your_own_value> (source router.bgp.neighbor.ip)"
    member: "2147483647"
    role: "standalone"
    sla_id: "2147483647"
neighbor_hold_boot_time: "5000000"
neighbor_hold_down: "enable"
neighbor_hold_down_time: "5000000"
service:
  -
    addr_mode: "ipv4"
    bandwidth_weight: "5000000"
    default: "enable"
    dscp_forward: "enable"
    dscp_forward_tag: "<your_own_value>"
    dscp_reverse: "enable"
    dscp_reverse_tag: "<your_own_value>"
    dst:
      -

```

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```

        name: "default_name_77 (source firewall.address.name firewall.addrgrp.
↪name) "
        dst_negate: "enable"
        dst6:
        -
            name: "default_name_80 (source firewall.address6.name firewall.
↪addrgrp6.name) "
            end_port: "32767"
            gateway: "enable"
            groups:
            -
                name: "default_name_84 (source user.group.name) "
                health_check: "<your_own_value> (source system.virtual-wan-link.health-
↪check.name) "
                hold_down_time: "5000000"
                id: "87"
                input_device:
                -
                    name: "default_name_89 (source system.interface.name) "
                    input_device_negate: "enable"
                    internet_service: "enable"
                    internet_service_app_ctrl:
                    -
                        id: "93"
                    internet_service_app_ctrl_group:
                    -
                        name: "default_name_95 (source application.group.name) "
                    internet_service_ctrl:
                    -
                        id: "97"
                    internet_service_ctrl_group:
                    -
                        name: "default_name_99 (source application.group.name) "
                    internet_service_custom:
                    -
                        name: "default_name_101 (source firewall.internet-service-custom.name)
↪"
                    internet_service_custom_group:
                    -
                        name: "default_name_103 (source firewall.internet-service-custom-
↪group.name) "
                    internet_service_group:
                    -
                        name: "default_name_105 (source firewall.internet-service-group.name) "
                    internet_service_id:
                    -
                        id: "107 (source firewall.internet-service.id) "
                        jitter_weight: "5000000"
                        latency_weight: "5000000"
                        link_cost_factor: "latency"
                        link_cost_threshold: "5000000"
                        member: "2147483647"
                        mode: "auto"
                        name: "default_name_114"
                        packet_loss_weight: "5000000"
                        priority_members:
                        -

```

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```

        seq_num: "2147483647"
        protocol: "127"
        quality_link: "127"
        role: "standalone"
        route_tag: "2147483647"
        sla:
        -
            health_check: "<your_own_value> (source system.virtual-wan-link.
↪health-check.name) "
            id: "124"
            sla_compare_method: "order"
            src:
            -
                name: "default_name_127 (source firewall.address.name firewall.
↪addrgrp.name) "
                src_negate: "enable"
                src6:
                -
                    name: "default_name_130 (source firewall.address6.name firewall.
↪addrgrp6.name) "
                    standalone_action: "enable"
                    start_port: "32767"
                    status: "enable"
                    tos: "<your_own_value>"
                    tos_mask: "<your_own_value>"
                    users:
                    -
                        name: "default_name_137 (source user.local.name) "
status: "disable"
zone:
-
    name: "default_name_140"

```

## 6.495.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.495.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.495.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.496 fortios\_system\_virtual\_wire\_pair – Configure virtual wire pairs in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.496.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual\_wire\_pair category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.496.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.496.3 Tips

Using member operation to add an element to an existing object.

### 6.496.4 FortiOS Version Compatibility

### 6.496.5 Parameters

### 6.496.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.496.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure virtual wire pairs.
      fortios_system_virtual_wire_pair:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_virtual_wire_pair:
          member:
            -
              interface_name: "<your_own_value> (source system.interface.name)"
              name: "default_name_5"
              vlan_filter: "<your_own_value>"
              wildcard_vlan: "enable"
```

## 6.496.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.496.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.496.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.497 fortios\_system\_vne\_tunnel – Configure virtual network enabler tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.497.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vne\_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.497.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.497.3 Tips

Using member operation to add an element to an existing object.

### 6.497.4 FortiOS Version Compatibility

### 6.497.5 Parameters

### 6.497.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.497.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure virtual network enabler tunnel.
  fortios_system_vne_tunnel:
    vdom: "{{ vdom }}"
    system_vne_tunnel:
      auto_asic_offload: "enable"
      bmr_hostname: "myhostname"
      br: "<your_own_value>"
      http_password: "<your_own_value>"
      http_username: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      ipv4_address: "<your_own_value>"
      mode: "map-e"
      ssl_certificate: "<your_own_value> (source certificate.local.name)"
      status: "enable"
      update_url: "<your_own_value>"
```

## 6.497.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.497.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.497.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.498 fortios\_system\_vxlan – Configure VXLAN devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.498.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vxlan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.498.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.498.3 Tips

Using member operation to add an element to an existing object.

## 6.498.4 FortiOS Version Compatibility

## 6.498.5 Parameters

## 6.498.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.498.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VXLAN devices.
  fortios_system_vxlan:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    system_vxlan:
      dstport: "4789"
      interface: "<your_own_value> (source system.interface.name)"
      ip_version: "ipv4-unicast"
      multicast_ttl: "0"
      name: "default_name_7"
      remote_ip:
        -
          ip: "<your_own_value>"
      remote_ip6:
        -
          ip6: "<your_own_value>"
    vni: "0"
```

## 6.498.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.498.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.498.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.499 fortios\_system\_wccp – Configure WCCP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.499.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and wccp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.499.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9



### 6.499.3 Tips

Using member operation to add an element to an existing object.

### 6.499.4 FortiOS Version Compatibility

### 6.499.5 Parameters

### 6.499.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.499.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure WCCP.
      fortios_system_wccp:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        system_wccp:
          assignment_bucket_format: "wccp-v2"
          assignment_dstaddr_mask: "<your_own_value>"
          assignment_method: "HASH"
          assignment_srcaddr_mask: "<your_own_value>"
          assignment_weight: "0"
          authentication: "enable"
          cache_engine_method: "GRE"
          cache_id: "<your_own_value>"
          forward_method: "GRE"
          group_address: "<your_own_value>"
          password: "<your_own_value>"
          ports: "<your_own_value>"
          ports_defined: "source"
          primary_hash: "src-ip"
          priority: "0"
          protocol: "0"
          return_method: "GRE"
          router_id: "<your_own_value>"
          router_list: "<your_own_value>"
          server_list: "<your_own_value>"
```

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```
server_type: "forward"
service_id: "<your_own_value>"
service_type: "auto"
```

## 6.499.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.499.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.499.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.500 fortios\_system\_zone – Configure zones to group two or more interfaces. When a zone is created you can configure policies for the zone instead of individual interfaces in the zone in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

### 6.500.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and zone category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.500.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.500.3 Tips

Using member operation to add an element to an existing object.

### 6.500.4 FortiOS Version Compatibility

### 6.500.5 Parameters

### 6.500.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.500.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure zones to group two or more interfaces. When a zone is created you
      can configure policies for the zone instead of individual interfaces in
      the zone.
      fortios_system_zone:
```

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**6.500. fortios\_system\_zone – Configure zones to group two or more interfaces. When a zone is created you can configure policies for the zone instead of individual interfaces in the zone in Fortinet's FortiOS and FortiGate.**

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```
vdom: "{{ vdom }}"
state: "present"
access_token: "<your_own_value>"
system_zone:
  description: "<your_own_value>"
  interface:
    -
      interface_name: "<your_own_value> (source system.interface.name)"
      intrazone: "allow"
      name: "default_name_7"
      tagging:
        -
          category: "<your_own_value> (source system.object-tagging.category)"
          name: "default_name_10"
          tags:
            -
              name: "default_name_12 (source system.object-tagging.tags.name)"
```

### 6.500.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.500.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.500.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.501 fortios\_user\_adgrp – Configure FSSO groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.501.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and adgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.501.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.501.3 Tips

Using member operation to add an element to an existing object.

### 6.501.4 FortiOS Version Compatibility

### 6.501.5 Parameters

### 6.501.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.501.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FSSO groups.
  fortios_user_adgrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_adgrp:
      connector_source: "<your_own_value>"
      id: "4"
      name: "default_name_5"
      server_name: "<your_own_value> (source user.fsso.name)"
```

### 6.501.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.501.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.501.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.502 fortios\_user\_certificate – Configure certificate users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.502.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and certificate category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.502.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.502.3 Tips

Using member operation to add an element to an existing object.

### 6.502.4 FortiOS Version Compatibility

### 6.502.5 Parameters

### 6.502.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.502.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure certificate users.
  fortios_user_certificate:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_certificate:
      common_name: "<your_own_value>"
      id: "4"
      issuer: "<your_own_value> (source vpn.certificate.ca.name)"
      name: "default_name_6"
      status: "enable"
      type: "single-certificate"
```

## 6.502.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.502.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.502.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.503 fortios\_user\_device – Configure devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.503.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and device category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.503.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.503.3 Tips

Using member operation to add an element to an existing object.

### 6.503.4 FortiOS Version Compatibility

### 6.503.5 Parameters

### 6.503.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.503.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure devices.
  fortios_user_device:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_device:
      alias: "<your_own_value>"
      avatar: "<your_own_value>"
      category: "none"
      comment: "Comment."
      mac: "<your_own_value>"
      master_device: "<your_own_value> (source user.device.alias)"
      tagging:
        -
          category: "<your_own_value> (source system.object-tagging.category)"
          name: "default_name_11"
          tags:
            -
              name: "default_name_13 (source system.object-tagging.tags.name)"
    type: "unknown"
    user: "<your_own_value>"
```

## 6.503.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.503.9 Status

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## 6.503.10 Authors

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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.504 fortios\_user\_device\_access\_list – Configure device access control lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.504.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and device\_access\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.504.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.504.3 Tips

Using member operation to add an element to an existing object.

### 6.504.4 FortiOS Version Compatibility

### 6.504.5 Parameters

### 6.504.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.504.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure device access control lists.
  fortios_user_device_access_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_device_access_list:
      default_action: "accept"
      device_list:
        -
          action: "accept"
          device: "<your_own_value> (source user.device.alias user.device-group.
↪name user.device-category.name)"
          id: "7"
          name: "default_name_8"
```

## 6.504.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.504.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.504.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.505 fortios\_user\_device\_category – Configure device categories in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.505.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and device\_category category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.505.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.505.3 Tips

Using member operation to add an element to an existing object.

### 6.505.4 FortiOS Version Compatibility

### 6.505.5 Parameters

### 6.505.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.505.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure device categories.
  fortios_user_device_category:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_device_category:
      comment: "Comment."
      desc: "<your_own_value>"
      name: "default_name_5"
```

## 6.505.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.505.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.505.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.506 fortios\_user\_device\_group – Configure device groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.506.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and device\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.506.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.506.3 Tips

Using member operation to add an element to an existing object.

### 6.506.4 FortiOS Version Compatibility

### 6.506.5 Parameters

### 6.506.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.506.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure device groups.
  fortios_user_device_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_device_group:
      comment: "Comment."
      member:
        -
          name: "default_name_5 (source user.device.alias user.device-category.name)"
        ↪
      name: "default_name_6"
      tagging:
        -
          category: "<your_own_value> (source system.object-tagging.category)"
          name: "default_name_9"
          tags:
            -
              name: "default_name_11 (source system.object-tagging.tags.name)"
```

## 6.506.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.506.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.506.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.507 fortios\_user\_domain\_controller – Configure domain controller entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.507.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and domain\_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.507.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.507.3 Tips

Using member operation to add an element to an existing object.

### 6.507.4 FortiOS Version Compatibility

### 6.507.5 Parameters

### 6.507.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.507.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure domain controller entries.
  fortios_user_domain_controller:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_domain_controller:
      ad_mode: "none"
      adlds_dn: "<your_own_value>"
      adlds_ip_address: "<your_own_value>"
      adlds_ip6: "<your_own_value>"
      adlds_port: "389"
      dns_srv_lookup: "enable"
      domain_name: "<your_own_value>"
      extra_server:
        -
          id: "11"
          ip_address: "<your_own_value>"
          port: "445"
          source_ip_address: "<your_own_value>"
          source_port: "0"
      hostname: "myhostname"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ip_address: "<your_own_value>"
      ip6: "<your_own_value>"
      ldap_server:
        -
          name: "default_name_22 (source user.ldap.name)"
      name: "default_name_23"
      password: "<your_own_value>"
      port: "445"
      replication_port: "0"
      source_ip_address: "<your_own_value>"
      source_ip6: "<your_own_value>"
      source_port: "0"
      username: "<your_own_value>"
```

## 6.507.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.507.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.507.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.508 fortios\_user\_exchange – Configure MS Exchange server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.508.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and exchange category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.508.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.508.3 Tips

Using member operation to add an element to an existing object.

## 6.508.4 FortiOS Version Compatibility

## 6.508.5 Parameters

## 6.508.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.508.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure MS Exchange server entries.
  fortios_user_exchange:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_exchange:
      auth_level: "connect"
      auth_type: "spnego"
      auto_discover_kdc: "enable"
      connect_protocol: "rpc-over-tcp"
      domain_name: "<your_own_value>"
      http_auth_type: "basic"
```

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```

ip: "<your_own_value>"
kdc_ip:
-
    ipv4: "<your_own_value>"
name: "default_name_12"
password: "<your_own_value>"
server_name: "<your_own_value>"
ssl_min_proto_version: "default"
username: "<your_own_value>"

```

## 6.508.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.508.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.508.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.509 fortios\_user\_fortitoken – Configure FortiToken in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.509.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and fortitoken category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.509.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.509.3 Tips

Using member operation to add an element to an existing object.

## 6.509.4 FortiOS Version Compatibility

## 6.509.5 Parameters

## 6.509.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.509.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FortiToken.
```

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```
fortios_user_fortitoken:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  user_fortitoken:
    activation_code: "<your_own_value>"
    activation_expire: "0"
    comments: "<your_own_value>"
    license: "<your_own_value>"
    os_ver: "<your_own_value>"
    reg_id: "<your_own_value>"
    seed: "<your_own_value>"
    serial_number: "<your_own_value>"
    status: "active"
```

### 6.509.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.509.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.509.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.510 fortios\_user\_fsso – Configure Fortinet Single Sign On (FSSO) agents in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.510.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and fsso category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.510.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.510.3 Tips

Using member operation to add an element to an existing object.

### 6.510.4 FortiOS Version Compatibility

### 6.510.5 Parameters

### 6.510.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.510.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure Fortinet Single Sign On (FSSO) agents.
  fortios_user_fsso:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_fsso:
      group_poll_interval: "0"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ldap_poll: "enable"
      ldap_poll_filter: "<your_own_value>"
      ldap_poll_interval: "180"
      ldap_server: "<your_own_value> (source user.ldap.name)"
      logon_timeout: "5"
      name: "default_name_11"
      password: "<your_own_value>"
      password2: "<your_own_value>"
      password3: "<your_own_value>"
      password4: "<your_own_value>"
      password5: "<your_own_value>"
      port: "8000"
      port2: "8000"
      port3: "8000"
      port4: "8000"
      port5: "8000"
      server: "192.168.100.40"
      server2: "<your_own_value>"
      server3: "<your_own_value>"
      server4: "<your_own_value>"
      server5: "<your_own_value>"
      sni: "<your_own_value>"
      source_ip: "84.230.14.43"
      source_ip6: "<your_own_value>"
      ssl: "enable"
      ssl_server_host_ip_check: "enable"
      ssl_trusted_cert: "<your_own_value> (source vpn.certificate.remote.name vpn.
↪certificate.ca.name)"
      type: "default"
      user_info_server: "<your_own_value> (source user.ldap.name)"

```

## 6.510.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.510.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.510.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.511 fortios\_user\_fsso\_polling – Configure FSSO active directory servers for polling mode in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.511.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and fsso\_polling category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.511.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.511.3 Tips

Using member operation to add an element to an existing object.

### 6.511.4 FortiOS Version Compatibility

### 6.511.5 Parameters

### 6.511.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.511.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure FSSO active directory servers for polling mode.
      fortios_user_fsso_polling:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        user_fsso_polling:
          adgrp:
            -
              name: "default_name_4"
              default_domain: "<your_own_value>"
              id: "6"
              ldap_server: "<your_own_value> (source user.ldap.name)"
              logon_history: "8"
              password: "<your_own_value>"
              polling_frequency: "10"
              port: "0"
              server: "192.168.100.40"
              smb_ntlmv1_auth: "enable"
              smbv1: "enable"
              status: "enable"
              user: "<your_own_value>"
```

## 6.511.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.511.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.511.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.512 fortios\_user\_group – Configure user groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.512.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.512.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.512.3 Tips

Using member operation to add an element to an existing object.

### 6.512.4 FortiOS Version Compatibility

### 6.512.5 Parameters

### 6.512.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.512.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure user groups.
  fortios_user_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_group:
      auth_concurrent_override: "enable"
      auth_concurrent_value: "0"
      authtimeout: "0"
      company: "optional"
      email: "disable"
      expire: "14400"
```

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```

expire_type: "immediately"
group_type: "firewall"
guest:
-
  comment: "Comment."
  company: "<your_own_value>"
  email: "<your_own_value>"
  expiration: "<your_own_value>"
  id: "16"
  mobile_phone: "<your_own_value>"
  name: "default_name_18"
  password: "<your_own_value>"
  sponsor: "<your_own_value>"
  user_id: "<your_own_value>"
http_digest_realm: "<your_own_value>"
id: "23"
match:
-
  group_name: "<your_own_value>"
  id: "26"
  server_name: "<your_own_value> (source user.radius.name user.ldap.name_
↪user.tacacs+.name user.saml.name)"
  max_accounts: "0"
  member:
-
  name: "default_name_30 (source user.peer.name user.local.name user.radius.
↪name user.tacacs+.name user.ldap.name user.saml.name user.adgrp.name
  user.pop3.name user.certificate.name)"
  mobile_phone: "disable"
  multiple_guest_add: "disable"
  name: "default_name_33"
  password: "auto-generate"
  sms_custom_server: "<your_own_value> (source system.sms-server.name)"
  sms_server: "fortiguard"
  sponsor: "optional"
  sso_attribute_value: "<your_own_value>"
  user_id: "email"
  user_name: "disable"

```

## 6.512.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.512.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.512.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.513 fortios\_user\_krb\_keytab – Configure Kerberos keytab entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.513.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and krb\_keytab category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.513.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.513.3 Tips

Using member operation to add an element to an existing object.

## 6.513.4 FortiOS Version Compatibility

## 6.513.5 Parameters

## 6.513.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.513.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Kerberos keytab entries.
  fortios_user_krb_keytab:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_krb_keytab:
      keytab: "<your_own_value>"
      ldap_server:
        -
          name: "default_name_5 (source user.ldap.name)"
          name: "default_name_6"
          pac_data: "enable"
          password: "<your_own_value>"
          principal: "<your_own_value>"
```

## 6.513.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.513.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.513.10 Authors

- Link Zheng (@chillancezen)



- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.514 fortios\_user\_ldap – Configure LDAP server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.514.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and ldap category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.514.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.514.3 Tips

Using member operation to add an element to an existing object.

## 6.514.4 FortiOS Version Compatibility

## 6.514.5 Parameters

## 6.514.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.514.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure LDAP server entries.
  fortios_user_ldap:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_ldap:
      account_key_filter: "<your_own_value>"
      account_key_processing: "same"
      antiphish: "enable"
      ca_cert: "<your_own_value> (source vpn.certificate.ca.name)"
      client_cert: "<your_own_value> (source vpn.certificate.local.name)"
      client_cert_auth: "enable"
      cnid: "<your_own_value>"
      dn: "<your_own_value>"
      group_filter: "<your_own_value>"
      group_member_check: "user-attr"
      group_object_filter: "<your_own_value>"
      group_search_base: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      member_attr: "<your_own_value>"
      name: "default_name_18"
      obtain_user_info: "enable"
      password: "<your_own_value>"
      password_attr: "<your_own_value>"
      password_expiry_warning: "enable"
      password_renewal: "enable"
      port: "389"
      search_type: "recursive"
      secondary_server: "<your_own_value>"
      secure: "disable"
```

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```

server: "192.168.100.40"
server_identity_check: "enable"
source_ip: "84.230.14.43"
source_port: "0"
ssl_min_proto_version: "default"
tertiary_server: "<your_own_value>"
two_factor: "disable"
two_factor_authentication: "fortitoken"
two_factor_filter: "<your_own_value>"
two_factor_notification: "email"
type: "simple"
user_info_exchange_server: "<your_own_value> (source user.exchange.name) "
username: "<your_own_value>"

```

### 6.514.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.514.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.514.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.515 fortios\_user\_local – Configure local users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.515.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and local category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.515.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.515.3 Tips

Using member operation to add an element to an existing object.

### 6.515.4 FortiOS Version Compatibility

### 6.515.5 Parameters

### 6.515.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.515.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```

ansible_httpapi_port: 443
tasks:
- name: Configure local users.
  fortios_user_local:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_local:
      auth_concurrent_override: "enable"
      auth_concurrent_value: "0"
      authtimeout: "0"
      email_to: "<your_own_value>"
      fortitoken: "<your_own_value> (source user.fortitoken.serial-number)"
      id: "8"
      ldap_server: "<your_own_value> (source user.ldap.name)"
      name: "default_name_10"
      passwd: "<your_own_value>"
      passwd_policy: "<your_own_value> (source user.password-policy.name)"
      passwd_time: "<your_own_value>"
      ppk_identity: "<your_own_value>"
      ppk_secret: "<your_own_value>"
      radius_server: "<your_own_value> (source user.radius.name)"
      sms_custom_server: "<your_own_value> (source system.sms-server.name)"
      sms_phone: "<your_own_value>"
      sms_server: "fortiguard"
      status: "enable"
      tacacs_plus_server: "<your_own_value> (source user.tacacs+.name)"
      two_factor: "disable"
      two_factor_authentication: "fortitoken"
      two_factor_notification: "email"
      type: "password"
      username_case_sensitivity: "disable"
      username_sensitivity: "disable"
      workstation: "<your_own_value>"

```

## 6.515.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.515.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.515.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.516 fortios\_user\_nac\_policy – Configure NAC policy matching pattern to identify matching NAC devices in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.516.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and nac\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.516.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.516.3 Tips

Using member operation to add an element to an existing object.

## 6.516.4 FortiOS Version Compatibility

## 6.516.5 Parameters

## 6.516.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.516.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure NAC policy matching pattern to identify matching NAC devices.
  fortios_user_nac_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_nac_policy:
      category: "device"
      description: "<your_own_value>"
      ems_tag: "<your_own_value> (source firewall.address.name)"
      family: "<your_own_value>"
      firewall_address: "<your_own_value> (source firewall.address.name)"
      host: "myhostname"
      hw_vendor: "<your_own_value>"
      hw_version: "<your_own_value>"
      mac: "<your_own_value>"
      name: "default_name_12"
      os: "<your_own_value>"
      src: "<your_own_value>"
      ssid_policy: "<your_own_value> (source wireless-controller.ssid-policy.name)"
      status: "enable"
      sw_version: "<your_own_value>"
      switch_auto_auth: "global"
      switch_fortilink: "<your_own_value> (source system.interface.name)"
      switch_group:
        -
          name: "default_name_21 (source switch-controller.switch-group.name)"
      switch_mac_policy: "<your_own_value> (source switch-controller.mac-policy.
↪name) "
      switch_port_policy: "<your_own_value> (source switch-controller.port-policy.
↪name) "
      switch_scope:
```

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```
-
    switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id) "
    type: "<your_own_value>"
    user: "<your_own_value>"
    user_group: "<your_own_value> (source user.group.name) "
```

## 6.516.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.516.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.516.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.517 fortios\_user\_password\_policy – Configure user password policy in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*



- *Return Values*
- *Status*
- *Authors*

### 6.517.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and password\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.517.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.517.3 Tips

Using member operation to add an element to an existing object.

### 6.517.4 FortiOS Version Compatibility

### 6.517.5 Parameters

### 6.517.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.517.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure user password policy.
      fortios_user_password_policy:
        vdom: "{{ vdom }}"
        state: "present"
```

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```
access_token: "<your_own_value>"
user_password_policy:
  expire_days: "180"
  expired_password_renewal: "enable"
  name: "default_name_5"
  warn_days: "15"
```

## 6.517.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.517.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.517.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.518 fortios\_user\_peer – Configure peer users in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 6.518.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and peer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.518.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.518.3 Tips

Using member operation to add an element to an existing object.

## 6.518.4 FortiOS Version Compatibility

## 6.518.5 Parameters

## 6.518.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.518.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure peer users.
      fortios_user_peer:
        vdom: "{{ vdom }}"
        state: "present"
```

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```
access_token: "<your_own_value>"
user_peer:
  ca: "<your_own_value> (source vpn.certificate.ca.name) "
  cn: "<your_own_value>"
  cn_type: "string"
  ldap_mode: "password"
  ldap_password: "<your_own_value>"
  ldap_server: "<your_own_value> (source user.ldap.name) "
  ldap_username: "<your_own_value>"
  mandatory_ca_verify: "enable"
  name: "default_name_11"
  ocsp_override_server: "<your_own_value> (source vpn.certificate.ocsp-server.
↪name) "
  passwd: "<your_own_value>"
  subject: "<your_own_value>"
  two_factor: "enable"
```

## 6.518.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.518.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.518.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.519 fortios\_user\_peergrp – Configure peer groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.519.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and peergrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.519.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.519.3 Tips

Using member operation to add an element to an existing object.

### 6.519.4 FortiOS Version Compatibility

### 6.519.5 Parameters

### 6.519.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.519.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure peer groups.
  fortios_user_peergrp:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_peergrp:
      member:
        -
          name: "default_name_4 (source user.peer.name)"
          name: "default_name_5"
```

## 6.519.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.519.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.519.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.520 fortios\_user\_pop3 – POP3 server entry configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.520.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and pop3 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.520.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.520.3 Tips

Using member operation to add an element to an existing object.

### 6.520.4 FortiOS Version Compatibility

### 6.520.5 Parameters

### 6.520.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.520.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: POP3 server entry configuration.
  fortios_user_pop3:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_pop3:
      name: "default_name_3"
      port: "0"
      secure: "none"
      server: "192.168.100.40"
      ssl_min_proto_version: "default"
```

## 6.520.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.520.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.520.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.521 fortios\_user\_quarantine – Configure quarantine support in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.521.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and quarantine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.521.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.521.3 Tips

Using member operation to add an element to an existing object.

### 6.521.4 FortiOS Version Compatibility

### 6.521.5 Parameters

### 6.521.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.521.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure quarantine support.
  fortios_user_quarantine:
    vdom: "{{ vdom }}"
    user_quarantine:
      firewall_groups: "<your_own_value> (source firewall.addrgrp.name) "
      quarantine: "enable"
      targets:
        -
          description: "<your_own_value>"
          entry: "<your_own_value>"
          macs:
            -
              description: "<your_own_value>"
              drop: "disable"
              entry_id: "2147483647"
              mac: "<your_own_value>"
              parent: "<your_own_value>"
      traffic_policy: "<your_own_value> (source switch-controller.traffic-policy.
↪name) "
```

## 6.521.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.521.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.521.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.522 fortios\_user\_radius – Configure RADIUS server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.522.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and radius category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.522.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.522.3 Tips

Using member operation to add an element to an existing object.

### 6.522.4 FortiOS Version Compatibility

### 6.522.5 Parameters

### 6.522.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.522.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure RADIUS server entries.
  fortios_user_radius:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_radius:
      accounting_server:
        -
          id: "4"
          interface: "<your_own_value> (source system.interface.name)"
          interface_select_method: "auto"
          port: "0"
          secret: "<your_own_value>"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          status: "enable"
          acct_all_servers: "enable"
          acct_interim_interval: "0"
          all_usergroup: "disable"
          auth_type: "auto"
          class:
            -
              name: "default_name_17"
              delimiter: "plus"
              group_override_attr_type: "filter-Id"
              h3c_compatibility: "enable"
              interface: "<your_own_value> (source system.interface.name)"
              interface_select_method: "auto"
              mac_case: "uppercase"
              mac_password_delimiter: "hyphen"
              mac_username_delimiter: "hyphen"
              name: "default_name_26"
              nas_ip: "<your_own_value>"
              password_encoding: "auto"
              password_renewal: "enable"
              radius_coa: "enable"
              radius_port: "0"
              rso: "enable"
              rso_context_timeout: "28800"
              rso_endpoint_attribute: "User-Name"
              rso_endpoint_block_attribute: "User-Name"
              rso_ep_one_ip_only: "enable"
              rso_flush_ip_session: "enable"
              rso_log_flags: "protocol-error"
              rso_log_period: "0"

```

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```

rsso_radius_response: "enable"
rsso_radius_server_port: "1813"
rsso_secret: "<your_own_value>"
rsso_validate_request_secret: "enable"
secondary_secret: "<your_own_value>"
secondary_server: "<your_own_value>"
secret: "<your_own_value>"
server: "192.168.100.40"
source_ip: "84.230.14.43"
sso_attribute: "User-Name"
sso_attribute_key: "<your_own_value>"
sso_attribute_value_override: "enable"
switch_controller_acct_fast_framedip_detect: "2"
switch_controller_service_type: "login"
tertiary_secret: "<your_own_value>"
tertiary_server: "<your_own_value>"
timeout: "5"
use_management_vdom: "enable"
username_case_sensitive: "enable"

```

### 6.522.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.522.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.522.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.523 fortios\_user\_saml – SAML server entry configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.523.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and saml category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.523.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.523.3 Tips

Using member operation to add an element to an existing object.

### 6.523.4 FortiOS Version Compatibility

### 6.523.5 Parameters

### 6.523.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.523.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: SAML server entry configuration.
      fortios_user_saml:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        user_saml:
          adfs_claim: "enable"
          auth_url: "<your_own_value>"
          cert: "<your_own_value> (source vpn.certificate.local.name)"
          clock_tolerance: "15"
          digest_method: "sha1"
          entity_id: "<your_own_value>"
          group_claim_type: "email"
          group_name: "<your_own_value>"
          idp_cert: "<your_own_value> (source vpn.certificate.remote.name)"
          idp_entity_id: "<your_own_value>"
          idp_single_logout_url: "<your_own_value>"
          idp_single_sign_on_url: "<your_own_value>"
          limit_relaystate: "enable"
          name: "default_name_16"
          single_logout_url: "<your_own_value>"
          single_sign_on_url: "<your_own_value>"
          user_claim_type: "email"
          user_name: "<your_own_value>"

```

### 6.523.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.523.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.523.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.524 fortios\_user\_security\_exempt\_list – Configure security exemption list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.524.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and security\_exempt\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.524.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.524.3 Tips

Using member operation to add an element to an existing object.



## 6.524.4 FortiOS Version Compatibility

## 6.524.5 Parameters

## 6.524.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.524.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure security exemption list.
  fortios_user_security_exempt_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_security_exempt_list:
      description: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          devices:
            -
              name: "default_name_7 (source user.device.alias user.device-group.
↪name user.device-category.name) "
              dstaddr:
                -
                  name: "default_name_9 (source firewall.address.name firewall.addrgrp.
↪name) "
              id: "10"
              service:
                -
                  name: "default_name_12 (source firewall.service.custom.name firewall.
↪service.group.name) "
                  srcaddr:
                    -
                      name: "default_name_14 (source firewall.address.name firewall.addrgrp.
↪name) "
```

## 6.524.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.524.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.524.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.525 fortios\_user\_setting – Configure user authentication setting in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.525.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.525.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.525.3 Tips

Using member operation to add an element to an existing object.

### 6.525.4 FortiOS Version Compatibility

### 6.525.5 Parameters

### 6.525.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.525.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure user authentication setting.
  fortios_user_setting:
    vdom: "{{ vdom }}"
    user_setting:
      auth_blackout_time: "0"
      auth_ca_cert: "<your_own_value> (source vpn.certificate.local.name)"
      auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
      auth_http_basic: "enable"
      auth_invalid_max: "5"
      auth_lockout_duration: "0"
      auth_lockout_threshold: "3"
      auth_on_demand: "always"
```

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```
auth_portal_timeout: "3"
auth_ports:
  -
    id: "13"
    port: "1024"
    type: "http"
auth_secure_http: "enable"
auth_src_mac: "enable"
auth_ssl_allow_renegotiation: "enable"
auth_ssl_max_proto_version: "ssl3"
auth_ssl_min_proto_version: "default"
auth_ssl_sigalgs: "no-rsa-pss"
auth_timeout: "5"
auth_timeout_type: "idle-timeout"
auth_type: "http"
per_policy_disclaimer: "enable"
radius_ses_timeout_act: "hard-timeout"
```

### 6.525.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.525.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.525.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.526 fortios\_user\_tacacsplus – Configure TACACS+ server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.526.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and tacacsplus category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.526.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.526.3 Tips

Using member operation to add an element to an existing object.

### 6.526.4 FortiOS Version Compatibility

### 6.526.5 Parameters

### 6.526.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.526.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure TACACS+ server entries.
  fortios_user_tacacsplus:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    user_tacacsplus:
      authen_type: "mschap"
      authorization: "enable"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      key: "<your_own_value>"
      name: "default_name_8"
      port: "49"
      secondary_key: "<your_own_value>"
      secondary_server: "<your_own_value>"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      tertiary_key: "<your_own_value>"
      tertiary_server: "<your_own_value>"
```

## 6.526.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.526.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.526.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.527 fortios\_videofilter\_profile – Configure VideoFilter profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.527.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify videofilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.527.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.527.3 Tips

Using member operation to add an element to an existing object.

### 6.527.4 FortiOS Version Compatibility

### 6.527.5 Parameters

### 6.527.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.527.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VideoFilter profile.
  fortios_videofilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    videofilter_profile:
      comment: "Comment."
      dailymotion: "enable"
      fortiguard_category:
        filters:
          -
            action: "allow"
            category_id: "0"
            id: "9"
            log: "enable"
      name: "default_name_11"
      replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
      vimeo: "enable"
      vimeo_restrict: "<your_own_value>"
      youtube: "enable"
      youtube_channel_filter: "0"
      youtube_restrict: "none"
```

## 6.527.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.527.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.527.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)



- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.528 fortios\_videofilter\_youtube\_channel\_filter – Configure YouTube channel filter in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.528.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify videofilter feature and youtube\_channel\_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.528.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.528.3 Tips

Using member operation to add an element to an existing object.

## 6.528.4 FortiOS Version Compatibility

## 6.528.5 Parameters

## 6.528.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.528.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure YouTube channel filter.
  fortios_videofilter_youtube_channel_filter:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    videofilter_youtube_channel_filter:
      comment: "Comment."
      default_action: "allow"
      entries:
        -
          action: "allow"
          channel_id: "<your_own_value>"
          comment: "Comment."
          id: "9"
      id: "10"
      log: "enable"
      name: "default_name_12"
      override_category: "enable"
```

## 6.528.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.528.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.528.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.529 fortios\_videofilter\_youtube\_key – Configure YouTube API keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.529.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify videofilter feature and youtube\_key category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.529.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.529.3 Tips

Using member operation to add an element to an existing object.

### 6.529.4 FortiOS Version Compatibility

### 6.529.5 Parameters

### 6.529.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.529.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure YouTube API keys.
  fortios_videofilter_youtube_key:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    videofilter_youtube_key:
      id: "3"
      key: "<your_own_value>"
      status: "enable"
```

### 6.529.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.529.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.529.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.530 fortios\_voip\_profile – Configure VoIP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.530.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify voip feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.530.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.530.3 Tips

Using member operation to add an element to an existing object.

## 6.530.4 FortiOS Version Compatibility

## 6.530.5 Parameters

## 6.530.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.530.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VoIP profiles.
  fortios_voip_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    voip_profile:
      comment: "Comment."
      feature_set: "flow"
      msrp:
        log_violations: "disable"
        max_msg_size: "0"
        max_msg_size_action: "pass"
        status: "disable"
      name: "default_name_10"
      sccp:
        block_mcast: "disable"
        log_call_summary: "disable"
        log_violations: "disable"
        max_calls: "0"
        status: "disable"
        verify_header: "disable"
      sip:
        ack_rate: "0"
        ack_rate_track: "none"
        block_ack: "disable"
        block_bye: "disable"
        block_cancel: "disable"
        block_geo_red_options: "disable"
        block_info: "disable"
        block_invite: "disable"
        block_long_lines: "disable"
```

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```

block_message: "disable"
block_notify: "disable"
block_options: "disable"
block_prack: "disable"
block_publish: "disable"
block_refer: "disable"
block_register: "disable"
block_subscribe: "disable"
block_unknown: "disable"
block_update: "disable"
bye_rate: "0"
bye_rate_track: "none"
call_heartbeat: "0"
cancel_rate: "0"
cancel_rate_track: "none"
contact_fixup: "disable"
hnt_restrict_source_ip: "disable"
hosted_nat_traversal: "disable"
info_rate: "0"
info_rate_track: "none"
invite_rate: "0"
invite_rate_track: "none"
ips_rtp: "disable"
log_call_summary: "disable"
log_violations: "disable"
malformed_header_allow: "discard"
malformed_header_call_id: "discard"
malformed_header_contact: "discard"
malformed_header_content_length: "discard"
malformed_header_content_type: "discard"
malformed_header_cseq: "discard"
malformed_header_expires: "discard"
malformed_header_from: "discard"
malformed_header_max_forwards: "discard"
malformed_header_no_proxy_require: "discard"
malformed_header_no_require: "discard"
malformed_header_p_asserted_identity: "discard"
malformed_header_rack: "discard"
malformed_header_record_route: "discard"
malformed_header_route: "discard"
malformed_header_rseq: "discard"
malformed_header_sdp_a: "discard"
malformed_header_sdp_b: "discard"
malformed_header_sdp_c: "discard"
malformed_header_sdp_i: "discard"
malformed_header_sdp_k: "discard"
malformed_header_sdp_m: "discard"
malformed_header_sdp_o: "discard"
malformed_header_sdp_r: "discard"
malformed_header_sdp_s: "discard"
malformed_header_sdp_t: "discard"
malformed_header_sdp_v: "discard"
malformed_header_sdp_z: "discard"
malformed_header_to: "discard"
malformed_header_via: "discard"
malformed_request_line: "discard"
max_body_length: "0"

```

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```

max_dialogs: "0"
max_idle_dialogs: "0"
max_line_length: "998"
message_rate: "0"
message_rate_track: "none"
nat_port_range: "<your_own_value>"
nat_trace: "disable"
no_sdp_fixup: "disable"
notify_rate: "0"
notify_rate_track: "none"
open_contact_pinhole: "disable"
open_record_route_pinhole: "disable"
open_register_pinhole: "disable"
open_via_pinhole: "disable"
options_rate: "0"
options_rate_track: "none"
prack_rate: "0"
prack_rate_track: "none"
preserve_override: "disable"
provisional_invite_expiry_time: "210"
publish_rate: "0"
publish_rate_track: "none"
refer_rate: "0"
refer_rate_track: "none"
register_contact_trace: "disable"
register_rate: "0"
register_rate_track: "none"
rfc2543_branch: "disable"
rtp: "disable"
ssl_algorithm: "high"
ssl_auth_client: "<your_own_value> (source user.peer.name user.peergrp.
↪name) "
ssl_auth_server: "<your_own_value> (source user.peer.name user.peergrp.
↪name) "
ssl_client_certificate: "<your_own_value> (source vpn.certificate.local.
↪name) "
ssl_client_renegotiation: "allow"
ssl_max_version: "ssl-3.0"
ssl_min_version: "ssl-3.0"
ssl_mode: "off"
ssl_pfs: "require"
ssl_send_empty_fragments: "enable"
ssl_server_certificate: "<your_own_value> (source vpn.certificate.local.
↪name) "
status: "disable"
strict_register: "disable"
subscribe_rate: "0"
subscribe_rate_track: "none"
unknown_header: "discard"
update_rate: "0"
update_rate_track: "none"

```

## 6.530.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.530.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.530.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.531 fortios\_vpn\_certificate\_ca – CA certificate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.531.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and ca category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.531.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.531.3 Tips

Using member operation to add an element to an existing object.

## 6.531.4 FortiOS Version Compatibility

## 6.531.5 Parameters

## 6.531.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.531.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: CA certificate.
  fortios_vpn_certificate_ca:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_certificate_ca:
      auto_update_days: "0"
      auto_update_days_warning: "0"
      ca: "<your_own_value>"
      ca_identifier: "myId_6"
      last_updated: "2147483647"
      name: "default_name_8"
      obsolete: "disable"
      range: "global"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      ssl_inspection_trusted: "enable"
      trusted: "enable"
```

## 6.531.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.531.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.531.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.532 fortios\_vpn\_certificate\_crl – Certificate Revocation List as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.532.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and crt category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.532.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.532.3 Tips

Using member operation to add an element to an existing object.

### 6.532.4 FortiOS Version Compatibility

### 6.532.5 Parameters

### 6.532.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.532.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Certificate Revocation List as a PEM file.
  fortios_vpn_certificate_crl:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_certificate_crl:
      crt: "<your_own_value>"
      http_url: "<your_own_value>"
      last_updated: "2147483647"
      ldap_password: "<your_own_value>"
      ldap_server: "<your_own_value>"
      ldap_username: "<your_own_value>"
```

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```

name: "default_name_9"
range: "global"
scep_cert: "<your_own_value> (source vpn.certificate.local.name) "
scep_url: "<your_own_value>"
source: "factory"
source_ip: "84.230.14.43"
update_interval: "0"
update_vdom: "<your_own_value> (source system.vdom.name) "

```

### 6.532.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.532.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.532.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.533 fortios\_vpn\_certificate\_local – Local keys and certificates in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.533.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and local category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.533.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.533.3 Tips

Using member operation to add an element to an existing object.

### 6.533.4 FortiOS Version Compatibility

### 6.533.5 Parameters

### 6.533.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.533.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Local keys and certificates.
  fortios_vpn_certificate_local:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
vpn_certificate_local:
  acme_ca_url: "<your_own_value>"
  acme_domain: "<your_own_value>"
  acme_email: "<your_own_value>"
  acme_renew_window: "30"
  acme_rsa_key_size: "2048"
  auto_regenerate_days: "0"
  auto_regenerate_days_warning: "0"
  ca_identifier: "myId_10"
  certificate: "<your_own_value>"
  cmp_path: "<your_own_value>"
  cmp_regeneration_method: "keyupate"
  cmp_server: "<your_own_value>"
  cmp_server_cert: "<your_own_value> (source vpn.certificate.ca.name vpn.
↪certificate.remote.name) "
  comments: "<your_own_value>"
  csr: "<your_own_value>"
  enroll_protocol: "none"
  ike_localid: "<your_own_value>"
  ike_localid_type: "asn1dn"
  last_updated: "2147483647"
  name: "default_name_22"
  name_encoding: "printable"
  password: "<your_own_value>"
  private_key: "<your_own_value>"
  private_key_retain: "enable"
  range: "global"
  scep_password: "<your_own_value>"
  scep_url: "<your_own_value>"
  source: "factory"
  source_ip: "84.230.14.43"
  state: "<your_own_value>"

```

### 6.533.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.533.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.533.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.534 fortios\_vpn\_certificate\_ocsp\_server – OCSP server configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.534.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and ocsp\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.534.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.534.3 Tips

Using member operation to add an element to an existing object.



## 6.534.4 FortiOS Version Compatibility

## 6.534.5 Parameters

## 6.534.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.534.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: OSCP server configuration.
  fortios_vpn_certificate_ocsp_server:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_certificate_ocsp_server:
      cert: "<your_own_value> (source vpn.certificate.remote.name vpn.certificate.
↪ca.name) "
      name: "default_name_4"
      secondary_cert: "<your_own_value> (source vpn.certificate.remote.name vpn.
↪certificate.ca.name) "
      secondary_url: "<your_own_value>"
      source_ip: "84.230.14.43"
      unavail_action: "revoke"
      url: "myurl.com"
```

## 6.534.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.534.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.534.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.535 fortios\_vpn\_certificate\_remote – Remote certificate as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.535.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and remote category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.535.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.535.3 Tips

Using member operation to add an element to an existing object.

## 6.535.4 FortiOS Version Compatibility

## 6.535.5 Parameters

## 6.535.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.535.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Remote certificate as a PEM file.
  fortios_vpn_certificate_remote:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_certificate_remote:
      name: "default_name_3"
      range: "global"
      remote: "<your_own_value>"
      source: "factory"
```

## 6.535.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.535.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.535.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## **6.536 fortios\_vpn\_certificate\_setting – VPN certificate setting in Fortinet’s FortiOS and FortiGate.**

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### **6.536.1 Synopsis**

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_certificate feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### **6.536.2 Requirements**

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### **6.536.3 Tips**

Using member operation to add an element to an existing object.

## 6.536.4 FortiOS Version Compatibility

## 6.536.5 Parameters

## 6.536.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.536.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: VPN certificate setting.
  fortios_vpn_certificate_setting:
    vdom: "{{ vdom }}"
    vpn_certificate_setting:
      cert_expire_warning: "14"
      certname_dsa1024: "<your_own_value> (source vpn.certificate.local.name)"
      certname_dsa2048: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ecdsa256: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ecdsa384: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ecdsa521: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ed25519: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ed448: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa1024: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa2048: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa4096: "<your_own_value> (source vpn.certificate.local.name)"
      check_ca_cert: "enable"
      check_ca_chain: "enable"
      cmp_key_usage_checking: "enable"
      cmp_save_extra_certs: "enable"
      cn_allow_multi: "disable"
      cn_match: "substring"
      curl_verification:
        chain_crl_absence: "ignore"
        expiry: "ignore"
        leaf_crl_absence: "ignore"
      interface: "<your_own_value> (source system.interface.name)"
      interface_select_method: "auto"
      ocsp_default_server: "<your_own_value> (source vpn.certificate.ocsp-server.
↪name)"
      ocsp_option: "certificate"
      ocsp_status: "enable"
```

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```
ssl_min_proto_version: "default"
ssl_ocsp_option: "certificate"
ssl_ocsp_source_ip: "<your_own_value>"
ssl_ocsp_status: "enable"
strict_crl_check: "enable"
strict_ocsp_check: "enable"
subject_match: "substring"
subject_set: "subset"
```

## 6.536.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.536.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.536.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.537 fortios\_vpn\_ike\_gateway – List gateways in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.537.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ike feature and gateway category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.537.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.537.3 Tips

Using member operation to add an element to an existing object.

### 6.537.4 FortiOS Version Compatibility

### 6.537.5 Parameters

### 6.537.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.537.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: List gateways.
  fortios_vpn_ike_gateway:
    vdom: "{{ vdom }}"
```

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```
vpn_ike_gateway:
  name: "default_name_3"
```

## 6.537.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.537.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.537.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.538 fortios\_vpn\_ipsec\_concentrator – Concentrator configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*



---

- *Authors*

---

## 6.538.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and concentrator category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.538.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.538.3 Tips

Using member operation to add an element to an existing object.

## 6.538.4 FortiOS Version Compatibility

## 6.538.5 Parameters

## 6.538.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.538.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Concentrator configuration.
      fortios_vpn_ipsec_concentrator:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        vpn_ipsec_concentrator:
          id: "3"
          member:
```

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```
-  
    name: "default_name_5 (source vpn.ipsec.manualkey.name vpn.ipsec.phase1.  
↪name) "  
    name: "default_name_6"  
    src_check: "disable"
```

## 6.538.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.538.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.538.10 Authors

- Link Zheng (@chillancezen)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.539 fortios\_vpn\_ipsec\_fec – Configure Forward Error Correction (FEC) mapping profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.539.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and fec category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.539.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.539.3 Tips

Using member operation to add an element to an existing object.

### 6.539.4 FortiOS Version Compatibility

### 6.539.5 Parameters

### 6.539.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.539.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Forward Error Correction (FEC) mapping profiles.
      fortios_vpn_ipsec_fec:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        vpn_ipsec_fec:
```

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```
mappings:
-
  bandwidth_bi_threshold: "0"
  bandwidth_down_threshold: "0"
  bandwidth_up_threshold: "0"
  base: "0"
  latency_threshold: "0"
  packet_loss_threshold: "0"
  redundant: "0"
  seqno: "0"
  name: "default_name_12"
```

## 6.539.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.539.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.539.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.540 fortios\_vpn\_ipsec\_forticlient – Configure FortiClient policy realm in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.540.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and forticlient category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.540.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.540.3 Tips

Using member operation to add an element to an existing object.

### 6.540.4 FortiOS Version Compatibility

### 6.540.5 Parameters

### 6.540.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.540.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure FortiClient policy realm.
  fortios_vpn_ipsec_forticlient:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_forticlient:
      phase2name: "<your_own_value> (source vpn.ipsec.phase2.name vpn.ipsec.phase2-
↪interface.name) "
      realm: "<your_own_value>"
      status: "enable"
      usergroupname: "<your_own_value> (source user.group.name) "
```

## 6.540.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.540.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.540.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.541 fortios\_vpn\_ipsec\_manualkey – Configure IPsec manual keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.541.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and manualkey category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.541.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.541.3 Tips

Using member operation to add an element to an existing object.

### 6.541.4 FortiOS Version Compatibility

### 6.541.5 Parameters

### 6.541.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.541.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure IPsec manual keys.
  fortios_vpn_ipsec_manualkey:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_manualkey:
      authentication: "null"
      authkey: "<your_own_value>"
      enckey: "<your_own_value>"
      encryption: "null"
      interface: "<your_own_value> (source system.interface.name)"
      local_gw: "<your_own_value>"
      localspi: "<your_own_value>"
      name: "default_name_10"
      npu_offload: "enable"
      remote_gw: "<your_own_value>"
      remotespi: "<your_own_value>"
```

### 6.541.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.541.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.541.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.542 fortios\_vpn\_ipsec\_manualkey\_interface – Configure IPsec manual keys in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.542.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and manualkey\_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.542.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.542.3 Tips

Using member operation to add an element to an existing object.

### 6.542.4 FortiOS Version Compatibility

### 6.542.5 Parameters

### 6.542.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.542.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPsec manual keys.
  fortios_vpn_ipsec_manualkey_interface:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_manualkey_interface:
      addr_type: "4"
      auth_alg: "null"
      auth_key: "<your_own_value>"
      enc_alg: "null"
      enc_key: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      ip_version: "4"
      local_gw: "<your_own_value>"
      local_gw6: "<your_own_value>"
      local_spi: "<your_own_value>"
      name: "default_name_13"
      npu_offload: "enable"
      remote_gw: "<your_own_value>"
      remote_gw6: "<your_own_value>"
      remote_spi: "<your_own_value>"
```

## 6.542.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.542.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.542.10 Authors

- Link Zheng (@chillancezen)
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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.543 fortios\_vpn\_ipsec\_phase1 – Configure VPN remote gateway in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.543.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and phase1 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.543.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.543.3 Tips

Using member operation to add an element to an existing object.

### 6.543.4 FortiOS Version Compatibility

### 6.543.5 Parameters

### 6.543.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.543.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VPN remote gateway.
  fortios_vpn_ipsec_phase1:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
  vpn_ipsec_phase1:
    acct_verify: "enable"
    add_gw_route: "enable"
    add_route: "disable"
    assign_ip: "disable"
    assign_ip_from: "range"
    authmethod: "psk"
    authmethod_remote: "psk"
    authpasswd: "<your_own_value>"
    authusr: "<your_own_value>"
    authusrgrp: "<your_own_value> (source user.group.name)"
    auto_negotiate: "enable"
    backup_gateway:
      -
        address: "<your_own_value>"
    banner: "<your_own_value>"
    cert_id_validation: "enable"
    certificate:
      -
        name: "default_name_19 (source vpn.certificate.local.name)"
    childless_ike: "enable"
    client_auto_negotiate: "disable"
    client_keep_alive: "disable"
    comments: "<your_own_value>"
    dhcp_ra_giaddr: "<your_own_value>"
    dhcp6_ra_linkaddr: "<your_own_value>"
    dhgrp: "1"
    digital_signature_auth: "enable"
    distance: "15"
    dns_mode: "manual"
    domain: "<your_own_value>"
    dpd: "disable"
    dpd_retrycount: "3"
    dpd_retryinterval: "<your_own_value>"
```

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```

eap: "enable"
eap_exclude_peergrp: "<your_own_value> (source user.peergrp.name) "
eap_identity: "use-id-payload"
enforce_unique_id: "disable"
esn: "require"
fec_base: "10"
fec_codec: "rs"
fec_egress: "enable"
fec_health_check: "<your_own_value> (source system.sdwan.health-check.name) "
fec_ingress: "enable"
fec_mapping_profile: "<your_own_value>"
fec_receive_timeout: "50"
fec_redundant: "1"
fec_send_timeout: "5"
fgsp_sync: "enable"
forticlient_enforcement: "enable"
fragmentation: "enable"
fragmentation_mtu: "1200"
group_authentication: "enable"
group_authentication_secret: "<your_own_value>"
ha_sync_esp_seqno: "enable"
idle_timeout: "enable"
idle_timeoutinterval: "15"
ike_version: "1"
inbound_dscp_copy: "enable"
include_local_lan: "disable"
interface: "<your_own_value> (source system.interface.name) "
ip_delay_interval: "0"
ipv4_dns_server1: "<your_own_value>"
ipv4_dns_server2: "<your_own_value>"
ipv4_dns_server3: "<your_own_value>"
ipv4_end_ip: "<your_own_value>"
ipv4_exclude_range:
-
    end_ip: "<your_own_value>"
    id: "68"
    start_ip: "<your_own_value>"
ipv4_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
ipv4_netmask: "<your_own_value>"
ipv4_split_exclude: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
ipv4_split_include: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
ipv4_start_ip: "<your_own_value>"
ipv4_wins_server1: "<your_own_value>"
ipv4_wins_server2: "<your_own_value>"
ipv6_dns_server1: "<your_own_value>"
ipv6_dns_server2: "<your_own_value>"
ipv6_dns_server3: "<your_own_value>"
ipv6_end_ip: "<your_own_value>"
ipv6_exclude_range:
-
    end_ip: "<your_own_value>"
    id: "83"
    start_ip: "<your_own_value>"
ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "

```

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```

    ipv6_prefix: "128"
    ipv6_split_exclude: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
    ipv6_split_include: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
    ipv6_start_ip: "<your_own_value>"
    keepalive: "10"
    keylife: "86400"
    local_gw: "<your_own_value>"
    localid: "<your_own_value>"
    localid_type: "auto"
    loopback_asymroute: "enable"
    mesh_selector_type: "disable"
    mode: "aggressive"
    mode_cfg: "disable"
    mode_cfg_allow_client_selector: "disable"
    name: "default_name_100"
    nattraversal: "enable"
    negotiate_timeout: "30"
    network_id: "0"
    network_overlay: "disable"
    npu_offload: "enable"
    peer: "<your_own_value> (source user.peer.name) "
    peergrp: "<your_own_value> (source user.peergrp.name) "
    peerid: "<your_own_value>"
    peertype: "any"
    ppk: "disable"
    ppk_identity: "<your_own_value>"
    ppk_secret: "<your_own_value>"
    priority: "1"
    proposal: "des-md5"
    psksecret: "<your_own_value>"
    psksecret_remote: "<your_own_value>"
    reauth: "disable"
    rekey: "enable"
    remote_gw: "<your_own_value>"
    remotegw_ddns: "<your_own_value>"
    rsa_signature_format: "pkcs1"
    rsa_signature_hash_override: "enable"
    save_password: "disable"
    send_cert_chain: "enable"
    signature_hash_alg: "sha1"
    split_include_service: "<your_own_value> (source firewall.service.group.name,
↪firewall.service.custom.name) "
    suite_b: "disable"
    type: "static"
    unity_support: "disable"
    usrgroup: "<your_own_value> (source user.group.name) "
    wizard_type: "custom"
    xauth_type: "disable"

```

## 6.543.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.543.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.543.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.544 fortios\_vpn\_ipsec\_phase1\_interface – Configure VPN remote gateway in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.544.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and phase1\_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.544.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.544.3 Tips

Using member operation to add an element to an existing object.

## 6.544.4 FortiOS Version Compatibility

## 6.544.5 Parameters

## 6.544.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.544.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VPN remote gateway.
  fortios_vpn_ipsec_phase1_interface:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_phase1_interface:
      acct_verify: "enable"
      add_gw_route: "enable"
      add_route: "disable"
      aggregate_member: "enable"
      aggregate_weight: "1"
      assign_ip: "disable"
      assign_ip_from: "range"
      authmethod: "psk"
      authmethod_remote: "psk"
      authpasswd: "<your_own_value>"
      authusr: "<your_own_value>"
      authusrgrp: "<your_own_value> (source user.group.name)"
      auto_discovery_forwarder: "enable"
```

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```

auto_discovery_offer_interval: "5"
auto_discovery_psk: "enable"
auto_discovery_receiver: "enable"
auto_discovery_sender: "enable"
auto_discovery_shortcuts: "independent"
auto_negotiate: "enable"
backup_gateway:
-
    address: "<your_own_value>"
banner: "<your_own_value>"
cert_id_validation: "enable"
certificate:
-
    name: "default_name_27 (source vpn.certificate.local.name)"
childless_ike: "enable"
client_auto_negotiate: "disable"
client_keep_alive: "disable"
comments: "<your_own_value>"
default_gw: "<your_own_value>"
default_gw_priority: "0"
dhcp_ra_giaddr: "<your_own_value>"
dhcp6_ra_linkaddr: "<your_own_value>"
dhgrp: "1"
digital_signature_auth: "enable"
distance: "15"
dns_mode: "manual"
domain: "<your_own_value>"
dpd: "disable"
dpd_retrycount: "3"
dpd_retryinterval: "<your_own_value>"
eap: "enable"
eap_exclude_peergrp: "<your_own_value> (source user.peergrp.name)"
eap_identity: "use-id-payload"
encap_local_gw4: "<your_own_value>"
encap_local_gw6: "<your_own_value>"
encap_remote_gw4: "<your_own_value>"
encap_remote_gw6: "<your_own_value>"
encapsulation: "none"
encapsulation_address: "ike"
enforce_unique_id: "disable"
esn: "require"
exchange_interface_ip: "enable"
exchange_ip_addr4: "<your_own_value>"
exchange_ip_addr6: "<your_own_value>"
fec_base: "10"
fec_codec: "rs"
fec_egress: "enable"
fec_health_check: "<your_own_value> (source system.sdwan.health-check.name)"
fec_ingress: "enable"
fec_mapping_profile: "<your_own_value> (source vpn.ipsec.fec.name)"
fec_receive_timeout: "50"
fec_redundant: "1"
fec_send_timeout: "5"
fgsp_sync: "enable"
forticlient_enforcement: "enable"
fragmentation: "enable"
fragmentation_mtu: "1200"

```

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```

group_authentication: "enable"
group_authentication_secret: "<your_own_value>"
ha_sync_esp_seqno: "enable"
idle_timeout: "enable"
idle_timeoutinterval: "15"
ike_version: "1"
inbound_dscp_copy: "enable"
include_local_lan: "disable"
interface: "<your_own_value> (source system.interface.name)"
ip_delay_interval: "0"
ip_fragmentation: "pre-encapsulation"
ip_version: "4"
ipv4_dns_server1: "<your_own_value>"
ipv4_dns_server2: "<your_own_value>"
ipv4_dns_server3: "<your_own_value>"
ipv4_end_ip: "<your_own_value>"
ipv4_exclude_range:
-
    end_ip: "<your_own_value>"
    id: "89"
    start_ip: "<your_own_value>"
ipv4_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
ipv4_netmask: "<your_own_value>"
ipv4_split_exclude: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
ipv4_split_include: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
ipv4_start_ip: "<your_own_value>"
ipv4_wins_server1: "<your_own_value>"
ipv4_wins_server2: "<your_own_value>"
ipv6_dns_server1: "<your_own_value>"
ipv6_dns_server2: "<your_own_value>"
ipv6_dns_server3: "<your_own_value>"
ipv6_end_ip: "<your_own_value>"
ipv6_exclude_range:
-
    end_ip: "<your_own_value>"
    id: "104"
    start_ip: "<your_own_value>"
ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
ipv6_prefix: "128"
ipv6_split_exclude: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
ipv6_split_include: "<your_own_value> (source firewall.address6.name firewall.
↪addrgrp6.name) "
ipv6_start_ip: "<your_own_value>"
keepalive: "10"
keylife: "86400"
link_cost: "0"
local_gw: "<your_own_value>"
local_gw6: "<your_own_value>"
localid: "<your_own_value>"
localid_type: "auto"
loopback_asymroute: "enable"
mesh_selector_type: "disable"

```

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```

mode: "aggressive"
mode_cfg: "disable"
mode_cfg_allow_client_selector: "disable"
monitor: "<your_own_value> (source vpn.ipsec.phase1-interface.name) "
monitor_hold_down_delay: "0"
monitor_hold_down_time: "<your_own_value>"
monitor_hold_down_type: "immediate"
monitor_hold_down_weekday: "everyday"
name: "default_name_128"
natTraversal: "enable"
negotiate_timeout: "30"
net_device: "enable"
network_id: "0"
network_overlay: "disable"
npu_offload: "enable"
packet_redistribution: "enable"
passive_mode: "enable"
peer: "<your_own_value> (source user.peer.name) "
peergrp: "<your_own_value> (source user.peergrp.name) "
peerid: "<your_own_value>"
peertype: "any"
ppk: "disable"
ppk_identity: "<your_own_value>"
ppk_secret: "<your_own_value>"
priority: "1"
proposal: "des-md5"
psksecret: "<your_own_value>"
psksecret_remote: "<your_own_value>"
reauth: "disable"
rekey: "enable"
remote_gw: "<your_own_value>"
remote_gw6: "<your_own_value>"
remotegw_ddns: "<your_own_value>"
rsa_signature_format: "pkcs1"
rsa_signature_hash_override: "enable"
save_password: "disable"
send_cert_chain: "enable"
signature_hash_alg: "sha1"
split_include_service: "<your_own_value> (source firewall.service.group.name_
↪firewall.service.custom.name) "
suite_b: "disable"
tunnel_search: "selectors"
type: "static"
unity_support: "disable"
usrgrp: "<your_own_value> (source user.group.name) "
vni: "0"
wizard_type: "custom"
xauthtype: "disable"

```

### 6.544.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.544.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.544.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.545 fortios\_vpn\_ipsec\_phase2 – Configure VPN autokey tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.545.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and phase2 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.545.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.545.3 Tips

Using member operation to add an element to an existing object.

## 6.545.4 FortiOS Version Compatibility

## 6.545.5 Parameters

## 6.545.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.545.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VPN autokey tunnel.
  fortios_vpn_ipsec_phase2:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_phase2:
      add_route: "phase1"
      auto_negotiate: "enable"
      comments: "<your_own_value>"
      dhcp_ipsec: "enable"
      dhgrp: "1"
      diffserv: "enable"
      diffservcode: "<your_own_value>"
      dst_addr_type: "subnet"
      dst_end_ip: "<your_own_value>"
      dst_end_ip6: "<your_own_value>"
      dst_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
      dst_name6: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
```

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```

    dst_port: "0"
    dst_start_ip: "<your_own_value>"
    dst_start_ip6: "<your_own_value>"
    dst_subnet: "<your_own_value>"
    dst_subnet6: "<your_own_value>"
    encapsulation: "tunnel-mode"
    inbound_dscp_copy: "phase1"
    initiator_ts_narrow: "enable"
    ipv4_df: "enable"
    keepalive: "enable"
    keylife_type: "seconds"
    keylifekbs: "5120"
    keylifeseconds: "43200"
    l2tp: "enable"
    name: "default_name_29"
    pfs: "enable"
    phase1name: "<your_own_value> (source vpn.ipsec.phase1.name)"
    proposal: "null-md5"
    protocol: "0"
    replay: "enable"
    route_overlap: "use-old"
    selector_match: "exact"
    single_source: "enable"
    src_addr_type: "subnet"
    src_end_ip: "<your_own_value>"
    src_end_ip6: "<your_own_value>"
    src_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
    src_name6: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name)"
    src_port: "0"
    src_start_ip: "<your_own_value>"
    src_start_ip6: "<your_own_value>"
    src_subnet: "<your_own_value>"
    src_subnet6: "<your_own_value>"
    use_natip: "enable"

```

### 6.545.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.545.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.545.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.546 fortios\_vpn\_ipsec\_phase2\_interface – Configure VPN autokey tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.546.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ipsec feature and phase2\_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.546.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.546.3 Tips

Using member operation to add an element to an existing object.

## 6.546.4 FortiOS Version Compatibility

### 6.546.5 Parameters

### 6.546.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.546.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure VPN autokey tunnel.
  fortios_vpn_ipsec_phase2_interface:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ipsec_phase2_interface:
      add_route: "phase1"
      auto_discovery_forwarder: "phase1"
      auto_discovery_sender: "phase1"
      auto_negotiate: "enable"
      comments: "<your_own_value>"
      dhcp_ipsec: "enable"
      dhgrp: "1"
      diffserv: "enable"
      diffservcode: "<your_own_value>"
      dst_addr_type: "subnet"
      dst_end_ip: "<your_own_value>"
      dst_end_ip6: "<your_own_value>"
      dst_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
      dst_name6: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
      dst_port: "0"
      dst_start_ip: "<your_own_value>"
      dst_start_ip6: "<your_own_value>"
      dst_subnet: "<your_own_value>"
      dst_subnet6: "<your_own_value>"
      encapsulation: "tunnel-mode"
      inbound_dscp_copy: "phase1"
      initiator_ts_narrow: "enable"
      ipv4_df: "enable"
```

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```

    keepalive: "enable"
    keylife_type: "seconds"
    keylifekbs: "5120"
    keylifeseconds: "43200"
    l2tp: "enable"
    name: "default_name_31"
    pfs: "enable"
    phasename: "<your_own_value> (source vpn.ipsec.phase1-interface.name) "
    proposal: "null-md5"
    protocol: "0"
    replay: "enable"
    route_overlap: "use-old"
    single_source: "enable"
    src_addr_type: "subnet"
    src_end_ip: "<your_own_value>"
    src_end_ip6: "<your_own_value>"
    src_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name) "
    src_name6: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
    src_port: "0"
    src_start_ip: "<your_own_value>"
    src_start_ip6: "<your_own_value>"
    src_subnet: "<your_own_value>"
    src_subnet6: "<your_own_value>"

```

## 6.546.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.546.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.546.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.547 fortios\_vpn\_l2tp – Configure L2TP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.547.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn feature and l2tp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.547.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.547.3 Tips

Using member operation to add an element to an existing object.

### 6.547.4 FortiOS Version Compatibility

### 6.547.5 Parameters

### 6.547.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.547.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure L2TP.
  fortios_vpn_l2tp:
    vdom: "{{ vdom }}"
    vpn_l2tp:
      compress: "enable"
      eip: "<your_own_value>"
      enforce_ipsec: "enable"
      hello_interval: "60"
      lcp_echo_interval: "5"
      lcp_max_echo_fails: "3"
      sip: "<your_own_value>"
      status: "enable"
      usrgroup: "<your_own_value> (source user.group.name)"
```

## 6.547.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.547.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.547.10 Authors

- Link Zheng (@chillancezen)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.548 fortios\_vpn\_ocvpn – Configure Overlay Controller VPN settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.548.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn feature and ocvpn category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.548.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.548.3 Tips

Using member operation to add an element to an existing object.

### 6.548.4 FortiOS Version Compatibility

### 6.548.5 Parameters

### 6.548.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.548.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Overlay Controller VPN settings.
      fortios_vpn_ocvpn:
        vdom: "{{ vdom }}"
        vpn_ocvpn:
          auto_discovery: "enable"
          auto_discovery_shortcut_mode: "independent"
          eap: "enable"
          eap_users: "<your_own_value> (source user.group.name)"
          forticlient_access:
            auth_groups:
              -
                auth_group: "<your_own_value> (source user.group.name)"
                name: "default_name_10"
                overlays:
                  -
                    overlay_name: "<your_own_value> (source vpn.ocvpn.overlays.
↪overlay-name)"
                psksecret: "<your_own_value>"
                status: "enable"
            ha_alias: "<your_own_value>"
            ip_allocation_block: "<your_own_value>"
            multipath: "enable"
            nat: "enable"
            overlays:
              -
                assign_ip: "enable"
                id: "21"
                inter_overlay: "allow"
                ipv4_end_ip: "<your_own_value>"
                ipv4_start_ip: "<your_own_value>"
                name: "default_name_25"
                overlay_name: "<your_own_value>"
                subnets:
                  -
                    id: "28"
                    interface: "<your_own_value> (source system.interface.name)"
                    subnet: "<your_own_value>"
                    type: "subnet"
            poll_interval: "30"
            role: "spoke"
            sdwan: "enable"
            sdwan_zone: "<your_own_value> (source system.sdwan.zone.name)"
            status: "enable"
            subnets:
              -

```

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```
id: "38"
interface: "<your_own_value> (source system.interface.name) "
subnet: "<your_own_value>"
type: "subnet"
wan_interface:
-
  name: "default_name_43 (source system.interface.name) "
```

## 6.548.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.548.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.548.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.549 fortios\_vpn\_pptp – Configure PPTP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.549.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn feature and pptp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.549.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.549.3 Tips

Using member operation to add an element to an existing object.

### 6.549.4 FortiOS Version Compatibility

### 6.549.5 Parameters

### 6.549.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.549.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure PPTP.
  fortios_vpn_pptp:
    vdom: "{{ vdom }}"
```

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```
vpn_pptp:
  eip: "<your_own_value>"
  ip_mode: "range"
  local_ip: "<your_own_value>"
  sip: "<your_own_value>"
  status: "enable"
  usrgrp: "<your_own_value> (source user.group.name) "
```

## 6.549.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.549.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.549.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

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## 6.550 fortios\_vpn\_ssl\_client – Client in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*



- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.550.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl feature and client category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.550.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.550.3 Tips

Using member operation to add an element to an existing object.

### 6.550.4 FortiOS Version Compatibility

### 6.550.5 Parameters

### 6.550.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.550.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Client.
  fortios_vpn_ssl_client:
    vdom: "{{ vdom }}"
```

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```
state: "present"
access_token: "<your_own_value>"
vpn_ssl_client:
  certificate: "<your_own_value> (source vpn.certificate.local.name)"
  class_id: "0"
  comment: "Comment."
  distance: "10"
  interface: "<your_own_value> (source system.interface.name)"
  name: "default_name_8"
  peer: "<your_own_value> (source user.peer.name user.peergrp.name)"
  port: "443"
  priority: "1"
  psk: "<your_own_value>"
  realm: "<your_own_value>"
  server: "192.168.100.40"
  source_ip: "84.230.14.43"
  status: "enable"
  user: "<your_own_value>"
```

### 6.550.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.550.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.550.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.551 fortios\_vpn\_ssl\_settings – Configure SSL-VPN in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.551.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.551.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.551.3 Tips

Using member operation to add an element to an existing object.

### 6.551.4 FortiOS Version Compatibility

### 6.551.5 Parameters

### 6.551.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.551.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure SSL-VPN.
      fortios_vpn_ssl_settings:
        vdom: "{{ vdom }}"
        vpn_ssl_settings:
          algorithm: "high"
          auth_session_check_source_ip: "enable"
          auth_timeout: "28800"
          authentication_rule:
            -
              auth: "any"
              cipher: "any"
              client_cert: "enable"
              groups:
                -
                  name: "default_name_11 (source user.group.name)"
                  id: "12"
                  portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
                  realm: "<your_own_value> (source vpn.ssl.web.realm.url-path)"
                  source_address:
                    -
                      name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
                      source_address_negate: "enable"
                      source_address6:
                        -
                          name: "default_name_19 (source firewall.address6.name firewall.
↪addrgrp6.name system.external-resource.name)"
                          source_address6_negate: "enable"
                          source_interface:
                            -
                              name: "default_name_22 (source system.interface.name system.zone.name)
↪"
                              user_peer: "<your_own_value> (source user.peer.name)"
                              users:
                                -
                                  name: "default_name_25 (source user.local.name)"
                                  auto_tunnel_static_route: "enable"
                                  banned_cipher: "RSA"
                                  browser_language_detection: "enable"
                                  check_referer: "enable"
                                  ciphersuite: "TLS-AES-128-GCM-SHA256"
                                  client_sigalgs: "no-rsa-pss"
                                  default_portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
                                  deflate_compression_level: "6"
                                  deflate_min_data_size: "300"
                                  dns_server1: "<your_own_value>"
                                  dns_server2: "<your_own_value>"

```

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```

    dns_suffix: "<your_own_value>"
    dtls_hello_timeout: "10"
    dtls_max_proto_ver: "dtls1-0"
    dtls_min_proto_ver: "dtls1-0"
    dtls_tunnel: "enable"
    dual_stack_mode: "enable"
    encode_2f_sequence: "enable"
    encrypt_and_store_password: "enable"
    force_two_factor_auth: "enable"
    header_x_forwarded_for: "pass"
    hsts_include_subdomains: "enable"
    http_compression: "enable"
    http_only_cookie: "enable"
    http_request_body_timeout: "30"
    http_request_header_timeout: "20"
    https_redirect: "enable"
    idle_timeout: "300"
    ipv6_dns_server1: "<your_own_value>"
    ipv6_dns_server2: "<your_own_value>"
    ipv6_wins_server1: "<your_own_value>"
    ipv6_wins_server2: "<your_own_value>"
    login_attempt_limit: "2"
    login_block_time: "60"
    login_timeout: "30"
    port: "10443"
    port_precedence: "enable"
    reqclientcert: "enable"
    route_source_interface: "enable"
    saml_redirect_port: "8020"
    servercert: "<your_own_value> (source vpn.certificate.local.name)"
    source_address:
      -
        name: "default_name_68 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
        source_address_negate: "enable"
        source_address6:
          -
            name: "default_name_71 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
            source_address6_negate: "enable"
            source_interface:
              -
                name: "default_name_74 (source system.interface.name system.zone.name)"
                ssl_client_renegotiation: "disable"
                ssl_insert_empty_fragment: "enable"
                ssl_max_proto_ver: "tls1-0"
                ssl_min_proto_ver: "tls1-0"
                status: "enable"
                tlsv1_0: "enable"
                tlsv1_1: "enable"
                tlsv1_2: "enable"
                tlsv1_3: "enable"
                transform_backward_slashes: "enable"
                tunnel_addr_assigned_method: "first-available"
                tunnel_connect_without_reauth: "enable"
                tunnel_ip_pools:
                  -

```

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```
        name: "default_name_88 (source firewall.address.name firewall.addrgrp.
↪name) "
        tunnel_ipv6_pools:
            -
                name: "default_name_90 (source firewall.address6.name firewall.addrgrp6.
↪name) "
                tunnel_user_session_timeout: "30"
                unsafe_legacy_renegotiation: "enable"
                url_obscurtion: "enable"
                user_peer: "<your_own_value> (source user.peer.name) "
                web_mode_snat: "enable"
                wins_server1: "<your_own_value>"
                wins_server2: "<your_own_value>"
                x_content_type_options: "enable"
                ztna_trusted_client: "enable"
```

## 6.551.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.551.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.551.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.552 fortios\_vpn\_ssl\_web\_host\_check\_software – SSL-VPN host check software in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.552.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl\_web feature and host\_check\_software category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.552.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.552.3 Tips

Using member operation to add an element to an existing object.

### 6.552.4 FortiOS Version Compatibility

### 6.552.5 Parameters

### 6.552.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.552.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```
vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: SSL-VPN host check software.
  fortios_vpn_ssl_web_host_check_software:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ssl_web_host_check_software:
      check_item_list:
        -
          action: "require"
          id: "5"
          md5s:
            -
              id: "7"
              target: "<your_own_value>"
              type: "file"
              version: "<your_own_value>"
    guid: "<your_own_value>"
    name: "default_name_12"
    os_type: "windows"
    type: "av"
    version: "<your_own_value>"
```

## 6.552.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.552.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.552.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.553 fortios\_vpn\_ssl\_web\_portal – Portal in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.553.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl\_web feature and portal category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.553.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.553.3 Tips

Using member operation to add an element to an existing object.

### 6.553.4 FortiOS Version Compatibility

### 6.553.5 Parameters

### 6.553.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.553.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Portal.
  fortios_vpn_ssl_web_portal:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ssl_web_portal:
      allow_user_access: "web"
      auto_connect: "enable"
      bookmark_group:
        -
          bookmarks:
            -
              additional_params: "<your_own_value>"
              apptype: "ftp"
              color_depth: "32"
              description: "<your_own_value>"
              domain: "<your_own_value>"
              folder: "<your_own_value>"
              form_data:
                -
                  name: "default_name_14"
                  value: "<your_own_value>"
              height: "768"
              host: "myhostname"
              keyboard_layout: "ar-101"
              listening_port: "0"
              load_balancing_info: "<your_own_value>"
              logon_password: "<your_own_value>"
              logon_user: "<your_own_value>"
              name: "default_name_23"
              port: "0"
              preconnection_blob: "<your_own_value>"
              preconnection_id: "2147483648"
              remote_port: "0"
              restricted_admin: "enable"
              security: "rdp"
              send_preconnection_id: "enable"
              server_layout: "de-de-qwertz"
              show_status_window: "enable"
              sso: "disable"
              sso_credential: "sslvpn-login"
              sso_credential_sent_once: "enable"
              sso_password: "<your_own_value>"
              sso_username: "<your_own_value>"
              url: "myurl.com"
```

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```

        width: "1024"
        name: "default_name_40"
        clipboard: "enable"
        custom_lang: "<your_own_value> (source system.custom-language.name)"
        customize_forticlient_download_url: "enable"
        default_window_height: "768"
        default_window_width: "1024"
        dhcp_ip_overlap: "use-new"
        display_bookmark: "enable"
        display_connection_tools: "enable"
        display_history: "enable"
        display_status: "enable"
        dns_server1: "<your_own_value>"
        dns_server2: "<your_own_value>"
        dns_suffix: "<your_own_value>"
        exclusive_routing: "enable"
        forticlient_download: "enable"
        forticlient_download_method: "direct"
        heading: "<your_own_value>"
        hide_sso_credential: "enable"
        host_check: "none"
        host_check_interval: "0"
        host_check_policy:
        -
            name: "default_name_62 (source vpn.ssl.web.host-check-software.name)"
        ip_mode: "range"
        ip_pools:
        -
            name: "default_name_65 (source firewall.address.name firewall.addrgrp.
↪name)"
            ipv6_dns_server1: "<your_own_value>"
            ipv6_dns_server2: "<your_own_value>"
            ipv6_exclusive_routing: "enable"
            ipv6_pools:
            -
                name: "default_name_70 (source firewall.address6.name firewall.addrgrp6.
↪name)"
                ipv6_service_restriction: "enable"
                ipv6_split_tunneling: "enable"
                ipv6_split_tunneling_routing_address:
                -
                    name: "default_name_74 (source firewall.address6.name firewall.addrgrp6.
↪name)"
                    ipv6_split_tunneling_routing_negate: "enable"
                    ipv6_tunnel_mode: "enable"
                    ipv6_wins_server1: "<your_own_value>"
                    ipv6_wins_server2: "<your_own_value>"
                    keep_alive: "enable"
                    limit_user_logins: "enable"
                    mac_addr_action: "allow"
                    mac_addr_check: "enable"
                    mac_addr_check_rule:
                    -
                        mac_addr_list:
                        -
                            addr: "<your_own_value>"
                            mac_addr_mask: "48"

```

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```

        name: "default_name_87"
        macos_forticlient_download_url: "<your_own_value>"
        name: "default_name_89"
        os_check: "enable"
        os_check_list:
        -
            action: "deny"
            latest_patch_level: "<your_own_value>"
            name: "default_name_94"
            tolerance: "0"
        prefer_ipv6_dns: "enable"
        redir_url: "<your_own_value>"
        rewrite_ip_uri_ui: "enable"
        save_password: "enable"
        service_restriction: "enable"
        skip_check_for_browser: "enable"
        skip_check_for_unsupported_browser: "enable"
        skip_check_for_unsupported_os: "enable"
        smb_max_version: "smbv1"
        smb_min_version: "smbv1"
        smb_ntlmv1_auth: "enable"
        smbv1: "enable"
        split_dns:
        -
            dns_server1: "<your_own_value>"
            dns_server2: "<your_own_value>"
            domains: "<your_own_value>"
            id: "112"
            ipv6_dns_server1: "<your_own_value>"
            ipv6_dns_server2: "<your_own_value>"
        split_tunneling: "enable"
        split_tunneling_routing_address:
        -
            name: "default_name_117 (source firewall.address.name firewall.addrgrp.
↪name) "
        split_tunneling_routing_negate: "enable"
        theme: "jade"
        transform_backward_slashes: "enable"
        tunnel_mode: "enable"
        use_sdwan: "enable"
        user_bookmark: "enable"
        user_group_bookmark: "enable"
        web_mode: "enable"
        windows_forticlient_download_url: "<your_own_value>"
        wins_server1: "<your_own_value>"
        wins_server2: "<your_own_value>"

```

### 6.553.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.553.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.553.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.554 fortios\_vpn\_ssl\_web\_realm – Realm in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.554.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl\_web feature and realm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.554.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.554.3 Tips

Using member operation to add an element to an existing object.

## 6.554.4 FortiOS Version Compatibility

## 6.554.5 Parameters

## 6.554.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.554.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Realm.
  fortios_vpn_ssl_web_realm:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ssl_web_realm:
      login_page: "<your_own_value>"
      max_concurrent_user: "0"
      nas_ip: "<your_own_value>"
      radius_port: "0"
      radius_server: "<your_own_value> (source user.radius.name)"
      url_path: "<your_own_value>"
      virtual_host: "myhostname"
      virtual_host_only: "enable"
      virtual_host_server_cert: "myhostname (source vpn.certificate.local.name)"
```

### 6.554.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.554.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.554.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.555 fortios\_vpn\_ssl\_web\_user\_bookmark – Configure SSL-VPN user bookmark in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.555.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl\_web feature and user\_bookmark category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.555.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.555.3 Tips

Using member operation to add an element to an existing object.

## 6.555.4 FortiOS Version Compatibility

## 6.555.5 Parameters

## 6.555.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.555.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSL-VPN user bookmark.
  fortios_vpn_ssl_web_user_bookmark:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ssl_web_user_bookmark:
      bookmarks:
        -
          additional_params: "<your_own_value>"
          apptype: "ftp"
          color_depth: "32"
          description: "<your_own_value>"
```

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```

domain: "<your_own_value>"
folder: "<your_own_value>"
form_data:
  -
    name: "default_name_11"
    value: "<your_own_value>"
height: "768"
host: "myhostname"
keyboard_layout: "ar-101"
listening_port: "0"
load_balancing_info: "<your_own_value>"
logon_password: "<your_own_value>"
logon_user: "<your_own_value>"
name: "default_name_20"
port: "0"
preconnection_blob: "<your_own_value>"
preconnection_id: "2147483648"
remote_port: "0"
restricted_admin: "enable"
security: "rdp"
send_preconnection_id: "enable"
server_layout: "de-de-qwertz"
show_status_window: "enable"
sso: "disable"
sso_credential: "sslvpn-login"
sso_credential_sent_once: "enable"
sso_password: "<your_own_value>"
sso_username: "<your_own_value>"
url: "myurl.com"
width: "1024"
custom_lang: "<your_own_value> (source system.custom-language.name) "
name: "default_name_38"

```

## 6.555.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.555.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.555.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.556 fortios\_vpn\_ssl\_web\_user\_group\_bookmark – Configure SSL-VPN user group bookmark in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.556.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn\_ssl\_web feature and user\_group\_bookmark category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.556.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.556.3 Tips

Using member operation to add an element to an existing object.

### 6.556.4 FortiOS Version Compatibility

### 6.556.5 Parameters

### 6.556.6 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

**6.556.7 Examples**

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SSL-VPN user group bookmark.
  fortios_vpn_ssl_web_user_group_bookmark:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    vpn_ssl_web_user_group_bookmark:
      bookmarks:
        -
          additional_params: "<your_own_value>"
          apptype: "ftp"
          color_depth: "32"
          description: "<your_own_value>"
          domain: "<your_own_value>"
          folder: "<your_own_value>"
          form_data:
            -
              name: "default_name_11"
              value: "<your_own_value>"
          height: "768"
          host: "myhostname"
          keyboard_layout: "ar-101"
          listening_port: "0"
          load_balancing_info: "<your_own_value>"
          logon_password: "<your_own_value>"
          logon_user: "<your_own_value>"
          name: "default_name_20"
          port: "0"
          preconnection_blob: "<your_own_value>"
          preconnection_id: "2147483648"
          remote_port: "0"
          restricted_admin: "enable"
          security: "rdp"
          send_preconnection_id: "enable"
          server_layout: "de-de-qwertz"
          show_status_window: "enable"
          sso: "disable"
          sso_credential: "sslvpn-login"
          sso_credential_sent_once: "enable"
          sso_password: "<your_own_value>"
```

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```
sso_username: "<your_own_value>"
url: "myurl.com"
width: "1024"
name: "default_name_37 (source user.group.name) "
```

## 6.556.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.556.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.556.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.557 fortios\_waf\_main\_class – Hidden table for datasource in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 6.557.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify waf feature and main\_class category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.557.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.557.3 Tips

Using member operation to add an element to an existing object.

### 6.557.4 FortiOS Version Compatibility

### 6.557.5 Parameters

### 6.557.6 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 6.557.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Hidden table for datasource.
      fortios_waf_main_class:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        waf_main_class:
```

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```
id: "3"
name: "default_name_4"
```

## 6.557.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.557.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.557.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.558 fortios\_waf\_profile – Configure Web application firewall configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

## 6.558.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify waf feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.558.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.558.3 Tips

Using member operation to add an element to an existing object.

## 6.558.4 FortiOS Version Compatibility

## 6.558.5 Parameters

## 6.558.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.558.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Web application firewall configuration.
      fortios_waf_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        waf_profile:
          address_list:
            blocked_address:
```

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```

-
  name: "default_name_5 (source firewall.address.name firewall.addrgrp.
↪name) "
  blocked_log: "enable"
  severity: "high"
  status: "enable"
  trusted_address:
-
  name: "default_name_10 (source firewall.address.name firewall.addrgrp.
↪name) "
  comment: "Comment."
  constraint:
    content_length:
      action: "allow"
      length: "67108864"
      log: "enable"
      severity: "high"
      status: "enable"
    exception:
-
  address: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "
  content_length: "enable"
  header_length: "enable"
  hostname: "enable"
  id: "24"
  line_length: "enable"
  malformed: "enable"
  max_cookie: "enable"
  max_header_line: "enable"
  max_range_segment: "enable"
  max_url_param: "enable"
  method: "enable"
  param_length: "enable"
  pattern: "<your_own_value>"
  regex: "enable"
  url_param_length: "enable"
  version: "enable"
  header_length:
    action: "allow"
    length: "8192"
    log: "enable"
    severity: "high"
    status: "enable"
  hostname:
    action: "allow"
    log: "enable"
    severity: "high"
    status: "enable"
  line_length:
    action: "allow"
    length: "1024"
    log: "enable"
    severity: "high"
    status: "enable"
  malformed:
    action: "allow"

```

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```

        log: "enable"
        severity: "high"
        status: "enable"
    max_cookie:
        action: "allow"
        log: "enable"
        max_cookie: "16"
        severity: "high"
        status: "enable"
    max_header_line:
        action: "allow"
        log: "enable"
        max_header_line: "32"
        severity: "high"
        status: "enable"
    max_range_segment:
        action: "allow"
        log: "enable"
        max_range_segment: "5"
        severity: "high"
        status: "enable"
    max_url_param:
        action: "allow"
        log: "enable"
        max_url_param: "16"
        severity: "high"
        status: "enable"
    method:
        action: "allow"
        log: "enable"
        severity: "high"
        status: "enable"
    param_length:
        action: "allow"
        length: "8192"
        log: "enable"
        severity: "high"
        status: "enable"
    url_param_length:
        action: "allow"
        length: "8192"
        log: "enable"
        severity: "high"
        status: "enable"
    version:
        action: "allow"
        log: "enable"
        severity: "high"
        status: "enable"
    extended_log: "enable"
    external: "disable"
    method:
        default_allowed_methods: "get"
        log: "enable"
        method_policy:
            -
                address: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name) "

```

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```

        allowed_methods: "get"
        id: "113"
        pattern: "<your_own_value>"
        regex: "enable"
        severity: "high"
        status: "enable"
name: "default_name_118"
signature:
    credit_card_detection_threshold: "3"
    custom_signature:
    -
        action: "allow"
        case_sensitivity: "disable"
        direction: "request"
        log: "enable"
        name: "default_name_126"
        pattern: "<your_own_value>"
        severity: "high"
        status: "enable"
        target: "arg"
    disabled_signature:
    -
        id: "132 (source waf.signature.id)"
    disabled_sub_class:
    -
        id: "134 (source waf.sub-class.id)"
    main_class:
    -
        action: "allow"
        id: "137 (source waf.main-class.id)"
        log: "enable"
        severity: "high"
        status: "enable"
url_access:
    -
        access_pattern:
        -
            id: "143"
            negate: "enable"
            pattern: "<your_own_value>"
            regex: "enable"
            srcaddr: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
            action: "bypass"
            address: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
            id: "150"
            log: "enable"
            severity: "high"

```

## 6.558.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.558.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.558.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.559 fortios\_waf\_signature – Hidden table for datasource in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.559.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify waf feature and signature category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.559.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.559.3 Tips

Using member operation to add an element to an existing object.

## 6.559.4 FortiOS Version Compatibility

## 6.559.5 Parameters

## 6.559.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.559.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Hidden table for datasource.
  fortios_waf_signature:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    waf_signature:
      desc: "<your_own_value>"
      id: "4"
```

## 6.559.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.559.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.559.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.560 fortios\_waf\_sub\_class – Hidden table for datasource in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.560.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify waf feature and sub\_class category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.560.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.560.3 Tips

Using member operation to add an element to an existing object.

### 6.560.4 FortiOS Version Compatibility

### 6.560.5 Parameters

### 6.560.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.560.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Hidden table for datasource.
  fortios_waf_sub_class:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    waf_sub_class:
      id: "3"
      name: "default_name_4"
```

### 6.560.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.560.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.560.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.561 fortios\_wanopt\_auth\_group – Configure WAN optimization authentication groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.561.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and auth\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.561.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.561.3 Tips

Using member operation to add an element to an existing object.

## 6.561.4 FortiOS Version Compatibility

## 6.561.5 Parameters

## 6.561.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.561.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WAN optimization authentication groups.
  fortios_wanopt_auth_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wanopt_auth_group:
      auth_method: "cert"
      cert: "<your_own_value> (source vpn.certificate.local.name)"
      name: "default_name_5"
      peer: "<your_own_value> (source wanopt.peer.peer-host-id)"
      peer_accept: "any"
      psk: "<your_own_value>"
```

## 6.561.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.561.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.561.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)



- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.562 fortios\_wanopt\_cache\_service – Designate cache-service for wan-optimization and webcache in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.562.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and cache\_service category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.562.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.562.3 Tips

Using member operation to add an element to an existing object.

## 6.562.4 FortiOS Version Compatibility

## 6.562.5 Parameters

## 6.562.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.562.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Designate cache-service for wan-optimization and webcache.
  fortios_wanopt_cache_service:
    vdom: "{{ vdom }}"
    wanopt_cache_service:
      acceptable_connections: "any"
      collaboration: "enable"
      device_id: "<your_own_value>"
      dst_peer:
        -
          auth_type: "0"
          device_id: "<your_own_value>"
          encode_type: "0"
          ip: "<your_own_value>"
          priority: "1"
      prefer_scenario: "balance"
      src_peer:
        -
          auth_type: "0"
          device_id: "<your_own_value>"
          encode_type: "0"
          ip: "<your_own_value>"
          priority: "1"
```

## 6.562.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.562.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.562.10 Authors

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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 6.563 fortios\_wanopt\_content\_delivery\_network\_rule – Configure WAN optimization content delivery network rules in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.563.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and content\_delivery\_network\_rule category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

---

**6.563. fortios\_wanopt\_content\_delivery\_network\_rule – Configure WAN optimization content 1343 delivery network rules in Fortinet’s FortiOS and FortiGate.**

## 6.563.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.563.3 Tips

Using member operation to add an element to an existing object.

## 6.563.4 FortiOS Version Compatibility

## 6.563.5 Parameters

## 6.563.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.563.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WAN optimization content delivery network rules.
  fortios_wanopt_content_delivery_network_rule:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wanopt_content_delivery_network_rule:
      category: "vcache"
      comment: "Comment about this CDN-rule."
      host_domain_name_suffix:
        -
          name: "default_name_6"
        name: "default_name_7"
      request_cache_control: "enable"
      response_cache_control: "enable"
      response_expires: "enable"
      rules:
        -
          content_id:
            end_direction: "forward"
```

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```

    end_skip: "0"
    end_str: "<your_own_value>"
    range_str: "<your_own_value>"
    start_direction: "forward"
    start_skip: "0"
    start_str: "<your_own_value>"
    target: "path"
  match_entries:
  -
    id: "22"
    pattern:
    -
      string: "<your_own_value>"
      target: "path"
  match_mode: "all"
  name: "default_name_27"
  skip_entries:
  -
    id: "29"
    pattern:
    -
      string: "<your_own_value>"
      target: "path"
  skip_rule_mode: "all"
  status: "enable"
  text_response_vcache: "enable"
  updateserver: "enable"

```

### 6.563.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.563.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.563.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.564 fortios\_wanopt\_peer – Configure WAN optimization peers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.564.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and peer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.564.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.564.3 Tips

Using member operation to add an element to an existing object.

### 6.564.4 FortiOS Version Compatibility

### 6.564.5 Parameters

### 6.564.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.564.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure WAN optimization peers.
      fortios_wanopt_peer:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        wanopt_peer:
          ip: "<your_own_value>"
          peer_host_id: "myhostname"
```

## 6.564.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.564.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.564.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.565 fortios\_wanopt\_profile – Configure WAN optimization profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.565. fortios\_wanopt\_profile – Configure WAN optimization profiles in Fortinet’s FortiOS and 1347 FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.565.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.565.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.565.3 Tips

Using member operation to add an element to an existing object.

### 6.565.4 FortiOS Version Compatibility

### 6.565.5 Parameters

### 6.565.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.565.7 Examples



```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure WAN optimization profiles.
  fortios_wanopt_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wanopt_profile:
      auth_group: "<your_own_value> (source wanopt.auth-group.name)"
      cifs:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "32767"
        prefer_chunking: "dynamic"
        protocol_opt: "protocol"
        secure_tunnel: "enable"
        status: "enable"
        tunnel_sharing: "shared"
      comments: "<your_own_value>"
      ftp:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "32767"
        prefer_chunking: "dynamic"
        protocol_opt: "protocol"
        secure_tunnel: "enable"
        ssl: "enable"
        status: "enable"
        tunnel_sharing: "shared"
      http:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "32767"
        prefer_chunking: "dynamic"
        protocol_opt: "protocol"
        secure_tunnel: "enable"
        ssl: "enable"
        ssl_port: "32767"
        status: "enable"
        tunnel_non_http: "enable"
        tunnel_sharing: "shared"
        unknown_http_version: "reject"
      mapi:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "32767"
        secure_tunnel: "enable"
        status: "enable"
        tunnel_sharing: "shared"

```

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```
name: "default_name_44"
tcp:
  byte_caching: "enable"
  byte_caching_opt: "mem-only"
  log_traffic: "enable"
  port: "<your_own_value>"
  secure_tunnel: "enable"
  ssl: "enable"
  ssl_port: "<your_own_value>"
  status: "enable"
  tunnel_sharing: "shared"
transparent: "enable"
```

### 6.565.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.565.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.565.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.566 fortios\_wanopt\_remote\_storage – Configure a remote cache device as Web cache storage in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.566.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and remote\_storage category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.566.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.566.3 Tips

Using member operation to add an element to an existing object.

### 6.566.4 FortiOS Version Compatibility

### 6.566.5 Parameters

### 6.566.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.566.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure a remote cache device as Web cache storage.
  fortios_wanopt_remote_storage:
    vdom: "{{ vdom }}"
    wanopt_remote_storage:
      local_cache_id: "<your_own_value>"
      remote_cache_id: "<your_own_value>"
      remote_cache_ip: "<your_own_value>"
      status: "disable"
```

### 6.566.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.566.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.566.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.567 fortios\_wanopt\_settings – Configure WAN optimization settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.567.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.567.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.567.3 Tips

Using member operation to add an element to an existing object.

### 6.567.4 FortiOS Version Compatibility

### 6.567.5 Parameters

### 6.567.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.567.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure WAN optimization settings.
  fortios_wanopt_settings:
    vdom: "{{ vdom }}"
    wanopt_settings:
      auto_detect_algorithm: "simple"
      host_id: "myhostname"
      tunnel_optimization: "memory-usage"
      tunnel_ssl_algorithm: "high"
```

## 6.567.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.567.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.567.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.568 fortios\_wanopt\_webcache – Configure global Web cache settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.568.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wanopt feature and webcache category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.568.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.568.3 Tips

Using member operation to add an element to an existing object.

### 6.568.4 FortiOS Version Compatibility

### 6.568.5 Parameters

### 6.568.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.568.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure global Web cache settings.
  fortios_wanopt_webcache:
    vdom: "{{ vdom }}"
    wanopt_webcache:
      always_revalidate: "enable"
      cache_by_default: "enable"
      cache_cookie: "enable"
      cache_expired: "enable"
      default_ttl: "1440"
      external: "enable"
      fresh_factor: "100"
      host_validate: "enable"
      ignore_conditional: "enable"
      ignore_ie_reload: "enable"
      ignore_ims: "enable"
      ignore_pnc: "enable"
      max_object_size: "512000"
      max_ttl: "7200"
      min_ttl: "5"
      neg_resp_time: "0"
      reval_pnc: "enable"
```

## 6.568.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.568.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.568.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.569 fortios\_web\_proxy\_debug\_url – Configure debug URL addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.569.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and debug\_url category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.569.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.569.3 Tips

Using member operation to add an element to an existing object.

### 6.569.4 FortiOS Version Compatibility

### 6.569.5 Parameters

### 6.569.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.569.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure debug URL addresses.
  fortios_web_proxy_debug_url:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    web_proxy_debug_url:
      exact: "enable"
      name: "default_name_4"
      status: "enable"
      url_pattern: "<your_own_value>"
```

## 6.569.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.569.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.569.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.570 fortios\_web\_proxy\_explicit – Configure explicit Web proxy settings in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.570.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and explicit category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.570.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.570.3 Tips

Using member operation to add an element to an existing object.

### 6.570.4 FortiOS Version Compatibility

### 6.570.5 Parameters

### 6.570.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.570.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure explicit Web proxy settings.
      fortios_web_proxy_explicit:
        vdom: "{{ vdom }}"
        web_proxy_explicit:
          ftp_incoming_port: "<your_own_value>"
          ftp_over_http: "enable"
          http_incoming_port: "<your_own_value>"
          https_incoming_port: "<your_own_value>"
          https_replacement_message: "enable"
          incoming_ip: "<your_own_value>"
          incoming_ip6: "<your_own_value>"
          ipv6_status: "enable"
          message_upon_server_error: "enable"
          outgoing_ip: "<your_own_value>"
          outgoing_ip6: "<your_own_value>"
          pac_file_data: "<your_own_value>"
          pac_file_name: "<your_own_value>"
          pac_file_server_port: "<your_own_value>"
          pac_file_server_status: "enable"
          pac_file_through_https: "enable"
          pac_file_url: "<your_own_value>"
          pac_policy:
            -
              comments: "<your_own_value>"
              dstaddr:
                -
                  name: "default_name_23 (source firewall.address.name firewall.addrgrp.
↪name) "
                  pac_file_data: "<your_own_value>"
                  pac_file_name: "<your_own_value>"
                  policyid: "0"
                  srcaddr:
                    -
                      name: "default_name_28 (source firewall.address.name firewall.addrgrp.
↪name firewall.proxy-address.name firewall.proxy-addrgrp.name) "
                      srcaddr6:
                        -
                          name: "default_name_30 (source firewall.address6.name firewall.
↪addrgrp6.name) "
                          status: "enable"
                          pref_dns_result: "ipv4"
                          realm: "<your_own_value>"
                          sec_default_action: "accept"
                          socks: "enable"
                          socks_incoming_port: "<your_own_value>"

```

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```

ssl_algorithm: "high"
status: "enable"
strict_guest: "enable"
trace_auth_no_rsp: "enable"
unknown_http_version: "reject"

```

### 6.570.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.570.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.570.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.571 fortios\_web\_proxy\_forward\_server – Configure forward-server addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 6.571.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and forward\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.571.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.571.3 Tips

Using member operation to add an element to an existing object.

## 6.571.4 FortiOS Version Compatibility

## 6.571.5 Parameters

## 6.571.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.571.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure forward-server addresses.
  fortios_web_proxy_forward_server:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    web_proxy_forward_server:
```

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```

addr_type: "ip"
comment: "Comment."
fqdn: "<your_own_value>"
healthcheck: "disable"
ip: "<your_own_value>"
monitor: "<your_own_value>"
name: "default_name_9"
password: "<your_own_value>"
port: "3128"
server_down_option: "block"
username: "<your_own_value>"

```

### 6.571.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.571.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.571.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.572 fortios\_web\_proxy\_forward\_server\_group – Configure a forward server group consisting of multiple forward servers. Supports failover and load balancing in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*

---

**6.572. fortios\_web\_proxy\_forward\_server\_group – Configure a forward server group consisting of multiple forward servers. Supports failover and load balancing in Fortinet's FortiOS and FortiGate.**

- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.572.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and forward\_server\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.572.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.572.3 Tips

Using member operation to add an element to an existing object.

### 6.572.4 FortiOS Version Compatibility

### 6.572.5 Parameters

### 6.572.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.572.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```

ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure a forward server group consisting of multiple forward servers.
  ↪ Supports failover and load balancing.
  fortios_web_proxy_forward_server_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    web_proxy_forward_server_group:
      affinity: "enable"
      group_down_option: "block"
      ldb_method: "weighted"
      name: "default_name_6"
      server_list:
        -
          name: "default_name_8 (source web-proxy.forward-server.name)"
          weight: "10"

```

## 6.572.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.572.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.572.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.573 fortios\_web\_proxy\_global – Configure Web proxy global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

---

**6.573. fortios\_web\_proxy\_global – Configure Web proxy global settings in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.573.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.573.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.573.3 Tips

Using member operation to add an element to an existing object.

### 6.573.4 FortiOS Version Compatibility

### 6.573.5 Parameters

### 6.573.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.573.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Web proxy global settings.
      fortios_web_proxy_global:
        vdom: "{{ vdom }}"
        web_proxy_global:
          fast_policy_match: "enable"
          forward_proxy_auth: "enable"
          forward_server_affinity_timeout: "30"
          ldap_user_cache: "enable"
          learn_client_ip: "enable"
          learn_client_ip_from_header: "true-client-ip"
          learn_client_ip_srcaddr:
            -
              name: "default_name_10 (source firewall.address.name firewall.addrgrp.
↪name) "
          learn_client_ip_srcaddr6:
            -
              name: "default_name_12 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          max_message_length: "32"
          max_request_length: "8"
          max_waf_body_cache_length: "32"
          proxy_fqdn: "<your_own_value>"
          src_affinity_exempt_addr: "<your_own_value>"
          src_affinity_exempt_addr6: "<your_own_value>"
          ssl_ca_cert: "<your_own_value> (source vpn.certificate.local.name) "
          ssl_cert: "<your_own_value> (source vpn.certificate.local.name) "
          strict_web_check: "enable"
          tunnel_non_http: "enable"
          unknown_http_version: "reject"
          webproxy_profile: "<your_own_value> (source web-proxy.profile.name) "

```

### 6.573.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.573.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.573.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.574 fortios\_web\_proxy\_profile – Configure web proxy profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.574.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.574.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.574.3 Tips

Using member operation to add an element to an existing object.

## 6.574.4 FortiOS Version Compatibility

## 6.574.5 Parameters

## 6.574.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.574.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure web proxy profiles.
  fortios_web_proxy_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    web_proxy_profile:
      header_client_ip: "pass"
      header_front_end_https: "pass"
      header_via_request: "pass"
      header_via_response: "pass"
      header_x_authenticated_groups: "pass"
      header_x_authenticated_user: "pass"
      header_x_forwarded_client_cert: "pass"
      header_x_forwarded_for: "pass"
    headers:
      -
        action: "add-to-request"
        add_option: "append"
        base64_encoding: "disable"
        content: "<your_own_value>"
        dstaddr:
          -
            name: "default_name_17 (source firewall.address.name firewall.addrgrp.
↪name) "
            dstaddr6:
              -
                name: "default_name_19 (source firewall.address6.name firewall.
↪addrgrp6.name) "
                id: "20"
                name: "default_name_21"
                protocol: "https"
```

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```
log_header_change: "enable"
name: "default_name_24"
strip_encoding: "enable"
```

## 6.574.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.574.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.574.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.575 fortios\_web\_proxy\_url\_match – Exempt URLs from web proxy forwarding and caching in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

## 6.575.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and url\_match category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.575.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.575.3 Tips

Using member operation to add an element to an existing object.

## 6.575.4 FortiOS Version Compatibility

## 6.575.5 Parameters

## 6.575.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.575.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Exempt URLs from web proxy forwarding and caching.
      fortios_web_proxy_url_match:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        web_proxy_url_match:
          cache_exemption: "enable"
          comment: "Comment."
```

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```
forward_server: "<your_own_value> (source web-proxy.forward-server.name web-
↪proxy.forward-server-group.name) "
name: "default_name_6"
status: "enable"
url_pattern: "<your_own_value>"
```

## 6.575.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.575.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.575.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.576 fortios\_web\_proxy\_wisp – Configure Websense Integrated Services Protocol (WISP) servers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*



- *Return Values*
- *Status*
- *Authors*

## 6.576.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify web\_proxy feature and wisp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.576.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.576.3 Tips

Using member operation to add an element to an existing object.

## 6.576.4 FortiOS Version Compatibility

## 6.576.5 Parameters

## 6.576.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.576.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Websense Integrated Services Protocol (WISP) servers.
      fortios_web_proxy_wisp:
        vdom: "{{ vdom }}"
        state: "present"
```

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```
access_token: "<your_own_value>"
web_proxy_wisp:
  comment: "Comment."
  max_connections: "64"
  name: "default_name_5"
  outgoing_ip: "<your_own_value>"
  server_ip: "<your_own_value>"
  server_port: "15868"
  timeout: "5"
```

## 6.576.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.576.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.576.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.577 fortios\_webfilter\_content – Configure Web filter banned word table in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.577.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and content category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.577.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.577.3 Tips

Using member operation to add an element to an existing object.

### 6.577.4 FortiOS Version Compatibility

### 6.577.5 Parameters

### 6.577.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.577.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Web filter banned word table.
```

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```
fortios_webfilter_content:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  webfilter_content:
    comment: "Optional comments."
    entries:
      -
        action: "block"
        lang: "western"
        name: "default_name_7"
        pattern_type: "wildcard"
        score: "10"
        status: "enable"
  id: "11"
  name: "default_name_12"
```

### 6.577.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.577.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.577.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.578 fortios\_webfilter\_content\_header – Configure content types used by Web filter in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.578.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and content\_header category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.578.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.578.3 Tips

Using member operation to add an element to an existing object.

### 6.578.4 FortiOS Version Compatibility

### 6.578.5 Parameters

### 6.578.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.578.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure content types used by Web filter.
  fortios_webfilter_content_header:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_content_header:
      comment: "Optional comments."
      entries:
        -
          action: "block"
          category: "<your_own_value>"
          pattern: "<your_own_value>"
    id: "8"
    name: "default_name_9"
```

## 6.578.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.578.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.578.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.579 fortios\_webfilter\_fortiguard – Configure FortiGuard Web Filter service in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.579.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and fortiguard category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.579.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.579.3 Tips

Using member operation to add an element to an existing object.

### 6.579.4 FortiOS Version Compatibility

### 6.579.5 Parameters

### 6.579.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.579.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiGuard Web Filter service.
  fortios_webfilter_fortiguard:
    vdom: "{{ vdom }}"
    webfilter_fortiguard:
      cache_mem_percent: "2"
      cache_mode: "ttl"
      cache_prefix_match: "enable"
      close_ports: "enable"
      ovrd_auth_https: "enable"
      ovrd_auth_port: "32767"
      ovrd_auth_port_http: "8008"
      ovrd_auth_port_https: "8010"
      ovrd_auth_port_https_flow: "8015"
      ovrd_auth_port_warning: "8020"
      request_packet_size_limit: "0"
      warn_auth_https: "enable"
```

## 6.579.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.579.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.579.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 6.580 fortios\_webfilter\_ftgd\_local\_cat – Configure FortiGuard Web Filter local categories in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.580.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and ftgd\_local\_cat category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.580.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.580.3 Tips

Using member operation to add an element to an existing object.

### 6.580.4 FortiOS Version Compatibility

### 6.580.5 Parameters

### 6.580.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.580.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiGuard Web Filter local categories.
  fortios_webfilter_ftgd_local_cat:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_ftgd_local_cat:
      desc: "<your_own_value>"
      id: "4"
      status: "enable"
```

## 6.580.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.580.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.580.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.581 fortios\_webfilter\_ftgd\_local\_rating – Configure local FortiGuard Web Filter local ratings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.581.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and ftgd\_local\_rating category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.581.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.581.3 Tips

Using member operation to add an element to an existing object.

### 6.581.4 FortiOS Version Compatibility

### 6.581.5 Parameters

### 6.581.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.581.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure local FortiGuard Web Filter local ratings.
  fortios_webfilter_ftgd_local_rating:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_ftgd_local_rating:
      comment: "Comment."
      rating: "<your_own_value>"
      status: "enable"
      url: "myurl.com"
```

## 6.581.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.581.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.581.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.582 fortios\_webfilter\_ips\_urlfilter\_cache\_setting – Configure IPS URL filter cache settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.582.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and ips\_urlfilter\_cache\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.582.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.582.3 Tips

Using member operation to add an element to an existing object.

### 6.582.4 FortiOS Version Compatibility

### 6.582.5 Parameters

### 6.582.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.582.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS URL filter cache settings.
  fortios_webfilter_ips_urlfilter_cache_setting:
    vdom: "{{ vdom }}"
    webfilter_ips_urlfilter_cache_setting:
      dns_retry_interval: "0"
      extended_ttl: "0"
```

## 6.582.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.582.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.582.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.583 fortios\_webfilter\_ips\_urlfilter\_setting – Configure IPS URL filter settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.583.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and ips\_urlfilter\_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.583.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.583.3 Tips

Using member operation to add an element to an existing object.

### 6.583.4 FortiOS Version Compatibility

### 6.583.5 Parameters

### 6.583.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.583.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS URL filter settings.
  fortios_webfilter_ips_urlfilter_setting:
    vdom: "{{ vdom }}"
    webfilter_ips_urlfilter_setting:
      device: "<your_own_value> (source system.interface.name) "
      distance: "1"
      gateway: "<your_own_value>"
      geo_filter: "<your_own_value>"
```

### 6.583.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.583.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.583.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.584 fortios\_webfilter\_ips\_urlfilter\_setting6 – Configure IPS URL filter settings for IPv6 in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.584.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and ips\_urlfilter\_setting6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.584.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.584.3 Tips

Using member operation to add an element to an existing object.

### 6.584.4 FortiOS Version Compatibility

### 6.584.5 Parameters

### 6.584.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.584.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IPS URL filter settings for IPv6.
  fortios_webfilter_ips_urlfilter_setting6:
    vdom: "{{ vdom }}"
    webfilter_ips_urlfilter_setting6:
      device: "<your_own_value> (source system.interface.name) "
      distance: "1"
      gateway6: "<your_own_value>"
      geo_filter: "<your_own_value>"
```

### 6.584.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.584.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.584.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.585 fortios\_webfilter\_override – Configure FortiGuard Web Filter administrative overrides in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.585.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and override category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.585.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.585.3 Tips

Using member operation to add an element to an existing object.

### 6.585.4 FortiOS Version Compatibility

### 6.585.5 Parameters

### 6.585.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.585.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiGuard Web Filter administrative overrides.
  fortios_webfilter_override:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_override:
      expires: "<your_own_value>"
      id: "4"
      initiator: "<your_own_value>"
      ip: "<your_own_value>"
      ip6: "<your_own_value>"
      new_profile: "<your_own_value> (source webfilter.profile.name)"
      old_profile: "<your_own_value> (source webfilter.profile.name)"
      scope: "user"
      status: "enable"
      user: "<your_own_value>"
      user_group: "<your_own_value> (source user.group.name)"
```

## 6.585.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.585.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.585.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.586 fortios\_webfilter\_profile – Configure Web filter profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.586.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.586.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.586.3 Tips

Using member operation to add an element to an existing object.

### 6.586.4 FortiOS Version Compatibility

### 6.586.5 Parameters

### 6.586.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.586.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Configure Web filter profiles.
  fortios_webfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_profile:
      antiphish:
        authentication: "domain-controller"
        check_basic_auth: "enable"
        check_uri: "enable"
        check_username_only: "enable"
        custom_patterns:
          -
            category: "username"
            pattern: "<your_own_value>"
            type: "regex"
        default_action: "exempt"
        domain_controller: "<your_own_value> (source user.domain-controller.name_
↪ credential-store.domain-controller.server-name) "
        inspection_entries:
          -
            action: "exempt"
            fortiguard_category: "<your_own_value>"
            name: "default_name_17"
            ldap: "<your_own_value> (source user.ldap.name) "
            max_body_len: "65536"
            status: "enable"
        comment: "Optional comments."
        extended_log: "enable"
        feature_set: "flow"
        file_filter:
          entries:
            -
              action: "log"
              comment: "Comment."
              direction: "incoming"
              file_type:
                -
                  name: "default_name_30 (source antivirus.filetype.name) "
                  filter: "<your_own_value>"
                  password_protected: "yes"
                  protocol: "http"
              log: "enable"
              scan_archive_contents: "enable"
              status: "enable"

```

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```

ftgd_wf:
  exempt_quota: "<your_own_value>"
  filters:
    -
      action: "block"
      auth_usr_grp:
        -
          name: "default_name_42 (source user.group.name)"
          category: "0"
          id: "44"
          log: "enable"
          override_replacemsg: "<your_own_value>"
          warn_duration: "<your_own_value>"
          warning_duration_type: "session"
          warning_prompt: "per-domain"
      max_quota_timeout: "300"
      options: "error-allow"
      ovrd: "<your_own_value>"
      quota:
        -
          category: "<your_own_value>"
          duration: "<your_own_value>"
          id: "56"
          override_replacemsg: "<your_own_value>"
          type: "time"
          unit: "B"
          value: "1024"
      rate_crl_urls: "disable"
      rate_css_urls: "disable"
      rate_image_urls: "disable"
      rate_javascript_urls: "disable"
      https_replacemsg: "enable"
      inspection_mode: "proxy"
      log_all_url: "enable"
      name: "default_name_68"
      options: "activexfilter"
      override:
        ovrd_cookie: "allow"
        ovrd_dur: "<your_own_value>"
        ovrd_dur_mode: "constant"
        ovrd_scope: "user"
        ovrd_user_group:
          -
            name: "default_name_76 (source user.group.name)"
      profile:
        -
          name: "default_name_78 (source webfilter.profile.name)"
          profile_attribute: "User-Name"
          profile_type: "list"
      ovrd_perm: "bannedword-override"
      post_action: "normal"
      replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
      url_extraction:
        redirect_header: "<your_own_value>"
        redirect_no_content: "enable"
        redirect_url: "<your_own_value>"
        server_fqdn: "<your_own_value>"

```

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```

    status: "enable"
web:
  allowlist: "exempt-av"
  blacklist: "enable"
  blocklist: "enable"
  bword_table: "0"
  bword_threshold: "10"
  content_header_list: "0"
  keyword_match:
    -
      pattern: "<your_own_value>"
  log_search: "enable"
  safe_search: "url"
  urlfilter_table: "0"
  vimeo_restrict: "<your_own_value>"
  whitelist: "exempt-av"
  youtube_restrict: "none"
web_antiphishing_log: "enable"
web_content_log: "enable"
web_extended_all_action_log: "enable"
web_filter_activex_log: "enable"
web_filter_applet_log: "enable"
web_filter_command_block_log: "enable"
web_filter_cookie_log: "enable"
web_filter_cookie_removal_log: "enable"
web_filter_js_log: "enable"
web_filter_jscript_log: "enable"
web_filter_referer_log: "enable"
web_filter_unknown_log: "enable"
web_filter_vbs_log: "enable"
web_ftgd_err_log: "enable"
web_ftgd_quota_usage: "enable"
web_invalid_domain_log: "enable"
web_url_log: "enable"
wisp: "enable"
wisp_algorithm: "primary-secondary"
wisp_servers:
  -
    name: "default_name_125 (source web-proxy.wisp.name)"
youtube_channel_filter:
  -
    channel_id: "<your_own_value>"
    comment: "Comment."
    id: "129"
youtube_channel_status: "disable"

```

## 6.586.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.586.9 Status

- This module is not guaranteed to have a backwards compatible interface.



## 6.586.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.587 fortios\_webfilter\_search\_engine – Configure web filter search engines in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.587.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and search\_engine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.587.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.587.3 Tips

Using member operation to add an element to an existing object.

### 6.587.4 FortiOS Version Compatibility

### 6.587.5 Parameters

### 6.587.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.587.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure web filter search engines.
  fortios_webfilter_search_engine:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_search_engine:
      charset: "utf-8"
      hostname: "myhostname"
      name: "default_name_5"
      query: "<your_own_value>"
      safesearch: "disable"
      safesearch_str: "<your_own_value>"
      url: "myurl.com"
```

### 6.587.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.587.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.587.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.588 fortios\_webfilter\_status – Display rating info in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.588.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.588.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.588.3 Tips

Using member operation to add an element to an existing object.

### 6.588.4 FortiOS Version Compatibility

### 6.588.5 Parameters

### 6.588.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.588.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Display rating info.
      fortios_webfilter_status:
        vdom: "{{ vdom }}"
        webfilter_status:
          refresh_rate: "<your_own_value>"
```

### 6.588.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.588.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.588.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.589 fortios\_webfilter\_urlfilter – Configure URL filter lists in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.589.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and urlfilter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.589.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.589.3 Tips

Using member operation to add an element to an existing object.

## 6.589.4 FortiOS Version Compatibility

### 6.589.5 Parameters

### 6.589.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.589.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure URL filter lists.
  fortios_webfilter_urlfilter:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    webfilter_urlfilter:
      comment: "Optional comments."
      entries:
        -
          action: "exempt"
          antiphish_action: "block"
          dns_address_family: "ipv4"
          exempt: "av"
          id: "9"
          referrer_host: "myhostname"
          status: "enable"
          type: "simple"
          url: "myurl.com"
          web_proxy_profile: "<your_own_value> (source web-proxy.profile.name)"
    id: "15"
    ip_addr_block: "enable"
    name: "default_name_17"
    one_arm_ips_urlfilter: "enable"
```

### 6.589.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.589.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.589.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.590 fortios\_wireless\_controller\_access\_control\_list – Configure WiFi bridge access control list in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.590.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and access\_control\_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.590.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.590.3 Tips

Using member operation to add an element to an existing object.

## 6.590.4 FortiOS Version Compatibility

## 6.590.5 Parameters

## 6.590.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.590.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WiFi bridge access control list.
  fortios_wireless_controller_access_control_list:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_access_control_list:
      comment: "Description."
      layer3_ipv4_rules:
        -
          action: "allow"
          comment: "Description."
          dstaddr: "<your_own_value>"
          dstport: "0"
          protocol: "255"
          rule_id: "0"
          srcaddr: "<your_own_value>"
          srcport: "0"
      layer3_ipv6_rules:
        -
```

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```

    action: "allow"
    comment: "Description."
    dstaddr: "<your_own_value>"
    dstport: "0"
    protocol: "255"
    rule_id: "0"
    srcaddr: "<your_own_value>"
    srcport: "0"
    name: "default_name_22"

```

## 6.590.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.590.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.590.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.591 fortios\_wireless\_controller\_address – Configure the client with its MAC address in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.591.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.591.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.591.3 Tips

Using member operation to add an element to an existing object.

## 6.591.4 FortiOS Version Compatibility

## 6.591.5 Parameters

## 6.591.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.591.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure the client with its MAC address.
```

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```

fortios_wireless_controller_address:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  wireless_controller_address:
    id: "3"
    mac: "<your_own_value>"
    policy: "allow"

```

### 6.591.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.591.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.591.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.592 fortios\_wireless\_controller\_addrgrp – Configure the MAC address group in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.592.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.592.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.592.3 Tips

Using member operation to add an element to an existing object.

## 6.592.4 FortiOS Version Compatibility

## 6.592.5 Parameters

## 6.592.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.592.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure the MAC address group.
  fortios_wireless_controller_addrgrp:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
wireless_controller_addrgrp:
  addresses:
    -
      id: "4 (source wireless-controller.address.id) "
      default_policy: "allow"
      id: "6"

```

### 6.592.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.592.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.592.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.593 fortios\_wireless\_controller\_ap\_status – Configure access point status (rogue | accepted | suppressed) in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

---

**6.593. fortios\_wireless\_controller\_ap\_status** – Configure access point status (rogue | accepted | suppressed) in Fortinet's FortiOS and FortiGate.

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.593.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and ap\_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.593.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.593.3 Tips

Using member operation to add an element to an existing object.

### 6.593.4 FortiOS Version Compatibility

### 6.593.5 Parameters

### 6.593.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.593.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure access point status (rogue | accepted | suppressed).
```

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```
fortios_wireless_controller_ap_status:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  wireless_controller_ap_status:
    bssid: "<your_own_value>"
    id: "4"
    ssid: "<your_own_value>"
    status: "rogue"
```

## 6.593.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.593.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.593.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.594 fortios\_wireless\_controller\_apcfg\_profile – Configure AP local configuration profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.594.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and apcfg\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.594.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.594.3 Tips

Using member operation to add an element to an existing object.

## 6.594.4 FortiOS Version Compatibility

## 6.594.5 Parameters

## 6.594.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.594.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure AP local configuration profiles.
```

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```

fortios_wireless_controller_apcfg_profile:
  vdom: "{{ vdom }}"
  state: "present"
  access_token: "<your_own_value>"
  wireless_controller_apcfg_profile:
    ac_ip: "<your_own_value>"
    ac_port: "0"
    ac_timer: "10"
    ac_type: "default"
    ap_family: "fap"
    command_list:
      -
        id: "9"
        name: "default_name_10"
        passwd_value: "<your_own_value>"
        type: "non-password"
        value: "<your_own_value>"
    comment: "Comment."
    name: "default_name_15"

```

## 6.594.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.594.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.594.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.595 fortios\_wireless\_controller\_arrp\_profile – Configure WiFi Automatic Radio Resource Provisioning (ARRP) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.595.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and arp\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.595.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.595.3 Tips

Using member operation to add an element to an existing object.

### 6.595.4 FortiOS Version Compatibility

### 6.595.5 Parameters

### 6.595.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.595.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure WiFi Automatic Radio Resource Provisioning (ARRP) profiles.
      fortios_wireless_controller_arrp_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        wireless_controller_arrp_profile:
          comment: "Comment."
          darrp_optimize: "86400"
          darrp_optimize_schedules:
            -
              name: "default_name_6 (source firewall.schedule.group.name firewall.
↳ schedule.recurring.name firewall.schedule.onetime.name)"
              include_dfs_channel: "enable"
              include_weather_channel: "enable"
              monitor_period: "300"
              name: "default_name_10"
              override_darrp_optimize: "enable"
              selection_period: "3600"
              threshold_ap: "250"
              threshold_channel_load: "60"
              threshold_noise_floor: "<your_own_value>"
              threshold_rx_errors: "50"
              threshold_spectral_rssi: "<your_own_value>"
              threshold_tx_retries: "300"
              weight_channel_load: "20"
              weight_dfs_channel: "500"
              weight_managed_ap: "50"
              weight_noise_floor: "40"
              weight_rogue_ap: "10"
              weight_spectral_rssi: "40"
              weight_weather_channel: "1000"

```

## 6.595.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.595.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.595.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.596 fortios\_wireless\_controller\_ble\_profile – Configure Bluetooth Low Energy profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.596.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and ble\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.596.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.596.3 Tips

Using member operation to add an element to an existing object.

## 6.596.4 FortiOS Version Compatibility

## 6.596.5 Parameters

## 6.596.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.596.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Bluetooth Low Energy profile.
  fortios_wireless_controller_ble_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_ble_profile:
      advertising: "ibeacon"
      beacon_interval: "100"
      ble_scanning: "enable"
      comment: "Comment."
      eddystone_instance: "<your_own_value>"
      eddystone_namespace: "<your_own_value>"
      eddystone_url: "<your_own_value>"
      eddystone_url_encode_hex: "<your_own_value>"
      ibeacon_uuid: "<your_own_value>"
      major_id: "1000"
      minor_id: "2000"
      name: "default_name_14"
      txpower: "0"
```

## 6.596.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.596.9 Status

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## 6.596.10 Authors

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- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.597 fortios\_wireless\_controller\_bonjour\_profile – Configure Bonjour profiles. Bonjour is Apple’s zero configuration networking protocol. Bonjour profiles allow APs and FortiAPs to connect to networks using Bonjour in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.597.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and bonjour\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.597.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.597.3 Tips

Using member operation to add an element to an existing object.

### 6.597.4 FortiOS Version Compatibility

### 6.597.5 Parameters

### 6.597.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.597.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure Bonjour profiles. Bonjour is Apple's zero configuration_
      ↪networking protocol. Bonjour profiles allow APs and FortiAPs to connect to
        networks using Bonjour.
      fortios_wireless_controller_bonjour_profile:
        vdom: "{{ vdom }}"
        state: "present"
        access_token: "<your_own_value>"
        wireless_controller_bonjour_profile:
          comment: "Comment."
          name: "default_name_4"
          policy_list:
            -
              description: "<your_own_value>"
              from_vlan: "<your_own_value>"
              policy_id: "0"
              services: "all"
              to_vlan: "<your_own_value>"
```

### 6.597.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.597.9 Status

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## 6.597.10 Authors

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- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.598 fortios\_wireless\_controller\_client\_info – Wireless controller client-info in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.598.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and client\_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0



## 6.598.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.598.3 Tips

Using member operation to add an element to an existing object.

## 6.598.4 FortiOS Version Compatibility

## 6.598.5 Parameters

## 6.598.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.598.7 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
- name: Wireless controller client-info.
  fortios_wireless_controller_client_info:
    vdom: "{{ vdom }}"
    wireless_controller_client_info:
      vfid: "<your_own_value>"

```

## 6.598.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.598.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.598.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.599 fortios\_wireless\_controller\_global – Configure wireless controller global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.599.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.599.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.599.3 Tips

Using member operation to add an element to an existing object.

### 6.599.4 FortiOS Version Compatibility

### 6.599.5 Parameters

### 6.599.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.599.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure wireless controller global settings.
      fortios_wireless_controller_global:
        vdom: "{{ vdom }}"
        wireless_controller_global:
          ap_log_server: "enable"
          ap_log_server_ip: "<your_own_value>"
          ap_log_server_port: "0"
          control_message_offload: "ebp-frame"
          data_ethernet_II: "enable"
          discovery_mc_addr: "<your_own_value>"
          fiapp_eth_type: "5252"
          image_download: "enable"
          ipsec_base_ip: "<your_own_value>"
          link_aggregation: "enable"
          location: "<your_own_value>"
          max_clients: "0"
          max_retransmit: "3"
          mesh_eth_type: "8755"
          nac_interval: "120"
          name: "default_name_18"
          rogue_scan_mac_adjacency: "7"
          tunnel_mode: "compatible"
          wtp_share: "enable"
```

## 6.599.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.599.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.599.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.600 fortios\_wireless\_controller\_hotspot20\_anqp\_3gpp\_cellular – Configure 3GPP public land mobile network (PLMN) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.600.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_3gpp\_cellular category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.600.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.600.3 Tips

Using member operation to add an element to an existing object.

## 6.600.4 FortiOS Version Compatibility

## 6.600.5 Parameters

## 6.600.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.600.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure 3GPP public land mobile network (PLMN).
  fortios_wireless_controller_hotspot20_anqp_3gpp_cellular:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_3gpp_cellular:
      mcc_mnc_list:
        -
          id: "4"
          mcc: "<your_own_value>"
          mnc: "<your_own_value>"
          name: "default_name_7"
```

## 6.600.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.600.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.600.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.601 fortios\_wireless\_controller\_hotspot20\_anqp\_ip\_address\_type – Configure IP address type availability in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.601.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_ip\_address\_type category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.601.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.601.3 Tips

Using member operation to add an element to an existing object.

## 6.601.4 FortiOS Version Compatibility

## 6.601.5 Parameters

## 6.601.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.601.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure IP address type availability.
  fortios_wireless_controller_hotspot20_anqp_ip_address_type:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_ip_address_type:
      ipv4_address_type: "not-available"
      ipv6_address_type: "not-available"
      name: "default_name_5"
```

## 6.601.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.601.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.601.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.602 fortios\_wireless\_controller\_hotspot20\_anqp\_nai\_realm – Configure network access identifier (NAI) realm in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



## 6.602.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify `wireless_controller_hotspot20` feature and `anqp_nai_realm` category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.602.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.602.3 Tips

Using member operation to add an element to an existing object.

## 6.602.4 FortiOS Version Compatibility

## 6.602.5 Parameters

## 6.602.6 Notes

---

### Note:

- Legacy `fortiosapi` has been deprecated, `httpapi` is the preferred way to run playbooks
- 

## 6.602.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure network access identifier (NAI) realm.
  fortios_wireless_controller_hotspot20_anqp_nai_realm:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_nai_realm:
      nai_list:
        -
          eap_method:
            -
              auth_param:
                -
```

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```
    id: "6"
    index: "0"
    val: "eap-identity"
    index: "0"
    method: "eap-identity"
    encoding: "disable"
    nai_realm: "<your_own_value>"
    name: "default_name_13"
    name: "default_name_14"
```

## 6.602.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.602.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.602.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.603 fortios\_wireless\_controller\_hotspot20\_anqp\_network\_auth\_type – Configure network authentication type in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.603.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_network\_auth\_type category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.603.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.603.3 Tips

Using member operation to add an element to an existing object.

### 6.603.4 FortiOS Version Compatibility

### 6.603.5 Parameters

### 6.603.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.603.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
```

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```
tasks:
- name: Configure network authentication type.
  fortios_wireless_controller_hotspot20_anqp_network_auth_type:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_network_auth_type:
      auth_type: "acceptance-of-terms"
      name: "default_name_4"
      url: "myurl.com"
```

## 6.603.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.603.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.603.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.604 fortios\_wireless\_controller\_hotspot20\_anqp\_roaming\_consortium – Configure roaming consortium in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*

- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.604.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_roaming\_consortium category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.604.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.604.3 Tips

Using member operation to add an element to an existing object.

### 6.604.4 FortiOS Version Compatibility

### 6.604.5 Parameters

### 6.604.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.604.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure roaming consortium.
  fortios_wireless_controller_hotspot20_anqp_roaming_consortium:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_roaming_consortium:
      name: "default_name_3"
      oi_list:
        -
          comment: "Comment."
          index: "0"
          oi: "<your_own_value>"
```

## 6.604.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.604.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.604.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.605 fortios\_wireless\_controller\_hotspot20\_anqp\_venue\_name – Configure venue name duple in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*

- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.605.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_venue\_name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.605.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.605.3 Tips

Using member operation to add an element to an existing object.

### 6.605.4 FortiOS Version Compatibility

### 6.605.5 Parameters

### 6.605.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.605.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
```

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```
vdom: "root"
ansible_httpapi_use_ssl: yes
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 443
tasks:
- name: Configure venue name duple.
  fortios_wireless_controller_hotspot20_anqp_venue_name:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_venue_name:
      name: "default_name_3"
      value_list:
        -
          index: "0"
          lang: "<your_own_value>"
          value: "<your_own_value>"
```

## 6.605.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.605.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.605.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.606 fortios\_wireless\_controller\_hotspot20\_anqp\_venue\_url – Configure venue URL in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.



- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.606.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and anqp\_venue\_url category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.606.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.606.3 Tips

Using member operation to add an element to an existing object.

### 6.606.4 FortiOS Version Compatibility

### 6.606.5 Parameters

### 6.606.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.606.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure venue URL.
  fortios_wireless_controller_hotspot20_anqp_venue_url:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_anqp_venue_url:
      name: "default_name_3"
      value_list:
        -
          index: "0"
          number: "0"
          value: "<your_own_value>"
```

## 6.606.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.606.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.606.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.607 fortios\_wireless\_controller\_hotspot20\_h2qp\_advice\_of\_charge – Configure advice of charge in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.607.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_advice\_of\_charge category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.607.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.607.3 Tips

Using member operation to add an element to an existing object.

### 6.607.4 FortiOS Version Compatibility

### 6.607.5 Parameters

### 6.607.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.607.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure advice of charge.
  fortios_wireless_controller_hotspot20_h2qp_advice_of_charge:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_advice_of_charge:
      aoc_list:
        -
          nai_realm: "<your_own_value>"
          nai_realm_encoding: "<your_own_value>"
          name: "default_name_6"
          plan_info:
            -
              currency: "<your_own_value>"
              info_file: "<your_own_value>"
              lang: "<your_own_value>"
              name: "default_name_11"
            type: "time-based"
          name: "default_name_13"
```

## 6.607.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.607.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.607.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.608 fortios\_wireless\_controller\_hotspot20\_h2qp\_conn\_capability – Configure connection capability in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.608.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_conn\_capability category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.608.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.608.3 Tips

Using member operation to add an element to an existing object.

## 6.608.4 FortiOS Version Compatibility

## 6.608.5 Parameters

## 6.608.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.608.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure connection capability.
  fortios_wireless_controller_hotspot20_h2qp_conn_capability:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_conn_capability:
      esp_port: "closed"
      ftp_port: "closed"
      http_port: "closed"
      icmp_port: "closed"
      ikev2_port: "closed"
      ikev2_xx_port: "closed"
      name: "default_name_9"
      pptp_vpn_port: "closed"
      ssh_port: "closed"
      tls_port: "closed"
      voip_tcp_port: "closed"
      voip_udp_port: "closed"
```

## 6.608.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.608.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.608.10 Authors

- Link Zheng (@chillancezen)
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- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.609 fortios\_wireless\_controller\_hotspot20\_h2qp\_operator\_name – Configure operator friendly name in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.609.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_operator\_name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.609.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.609.3 Tips

Using member operation to add an element to an existing object.

### 6.609.4 FortiOS Version Compatibility

### 6.609.5 Parameters

### 6.609.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.609.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure operator friendly name.
  fortios_wireless_controller_hotspot20_h2qp_operator_name:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_operator_name:
      name: "default_name_3"
      value_list:
        -
          index: "0"
          lang: "<your_own_value>"
          value: "<your_own_value>"
```

### 6.609.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.609.9 Status

- This module is not guaranteed to have a backwards compatible interface.



## 6.609.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.610 fortios\_wireless\_controller\_hotspot20\_h2qp\_osu\_provider – Configure online sign up (OSU) provider list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.610.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_osu\_provider category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.610.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.610.3 Tips

Using member operation to add an element to an existing object.

### 6.610.4 FortiOS Version Compatibility

### 6.610.5 Parameters

### 6.610.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.610.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure online sign up (OSU) provider list.
  fortios_wireless_controller_hotspot20_h2qp_osu_provider:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_osu_provider:
      friendly_name:
        -
          friendly_name: "<your_own_value>"
          index: "0"
          lang: "<your_own_value>"
        icon: "<your_own_value> (source wireless-controller.hotspot20.icon.name)"
        name: "default_name_8"
        osu_method: "oma-dm"
        osu_nai: "<your_own_value>"
        server_uri: "<your_own_value>"
        service_description:
          -
            lang: "<your_own_value>"
            service_description: "<your_own_value>"
            service_id: "0"
```

## 6.610.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.610.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.610.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.611 fortios\_wireless\_controller\_hotspot20\_h2qp\_osu\_provider\_nai – Configure online sign up (OSU) provider NAI list in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.611.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_osu\_provider\_nai category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.611.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.611.3 Tips

Using member operation to add an element to an existing object.

### 6.611.4 FortiOS Version Compatibility

### 6.611.5 Parameters

### 6.611.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.611.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure online sign up (OSU) provider NAI list.
  fortios_wireless_controller_hotspot20_h2qp_osu_provider_nai:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_osu_provider_nai:
      nai_list:
        -
          name: "default_name_4"
          osu_nai: "<your_own_value>"
          name: "default_name_6"
```

## 6.611.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.611.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.611.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.612 fortios\_wireless\_controller\_hotspot20\_h2qp\_terms\_and\_conditions – Configure terms and conditions in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.612.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_terms\_and\_conditions category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.612.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.612.3 Tips

Using member operation to add an element to an existing object.

## 6.612.4 FortiOS Version Compatibility

## 6.612.5 Parameters

## 6.612.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.612.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure terms and conditions.
  fortios_wireless_controller_hotspot20_h2qp_terms_and_conditions:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_terms_and_conditions:
      filename: "<your_own_value>"
      name: "default_name_4"
      timestamp: "0"
      url: "myurl.com"
```

## 6.612.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.612.9 Status

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## 6.612.10 Authors

- Link Zheng (@chillancezen)
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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.613 fortios\_wireless\_controller\_hotspot20\_h2qp\_wan\_metric – Configure WAN metrics in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.613.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and h2qp\_wan\_metric category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.613.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.613.3 Tips

Using member operation to add an element to an existing object.

## 6.613.4 FortiOS Version Compatibility

## 6.613.5 Parameters

## 6.613.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.613.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WAN metrics.
  fortios_wireless_controller_hotspot20_h2qp_wan_metric:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_h2qp_wan_metric:
      downlink_load: "0"
      downlink_speed: "2400"
      link_at_capacity: "enable"
      link_status: "up"
      load_measurement_duration: "0"
      name: "default_name_8"
```

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```

symmetric_wan_link: "symmetric"
uplink_load: "0"
uplink_speed: "2400"

```

### 6.613.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.613.9 Status

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### 6.613.10 Authors

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---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.614 fortios\_wireless\_controller\_hotspot20\_hs\_profile – Configure hotspot profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

## 6.614.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and hs\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.614.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.614.3 Tips

Using member operation to add an element to an existing object.

## 6.614.4 FortiOS Version Compatibility

## 6.614.5 Parameters

## 6.614.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.614.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure hotspot profile.
  fortios_wireless_controller_hotspot20_hs_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_hs_profile:
      plmn_3gpp: "<your_own_value> (source wireless-controller.hotspot20.anqp-3gpp-
↪cellular.name)"
```

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```

    access_network_asra: "enable"
    access_network_esr: "enable"
    access_network_internet: "enable"
    access_network_type: "private-network"
    access_network_uesa: "enable"
    advice_of_charge: "<your_own_value> (source wireless-controller.hotspot20.
↪h2qp-advice-of-charge.name) "
    anqp_domain_id: "0"
    bss_transition: "enable"
    conn_cap: "<your_own_value> (source wireless-controller.hotspot20.h2qp-conn-
↪capability.name) "
    deauth_request_timeout: "60"
    dgaf: "enable"
    domain_name: "<your_own_value>"
    gas_comeback_delay: "500"
    gas_fragmentation_limit: "1024"
    hessid: "<your_own_value>"
    ip_addr_type: "<your_own_value> (source wireless-controller.hotspot20.anqp-ip-
↪address-type.name) "
    l2tif: "enable"
    nai_realm: "<your_own_value> (source wireless-controller.hotspot20.anqp-nai-
↪realm.name) "
    name: "default_name_22"
    network_auth: "<your_own_value> (source wireless-controller.hotspot20.anqp-
↪network-auth-type.name) "
    oper_friendly_name: "<your_own_value> (source wireless-controller.hotspot20.
↪h2qp-operator-name.name) "
    oper_icon: "<your_own_value> (source wireless-controller.hotspot20.icon.name) "
    osu_provider:
      -
        name: "default_name_27 (source wireless-controller.hotspot20.h2qp-osu-
↪provider.name) "
        osu_provider_nai: "<your_own_value> (source wireless-controller.hotspot20.
↪h2qp-osu-provider-nai.name) "
        osu_ssid: "<your_own_value>"
        pame_bi: "disable"
        proxy_arp: "enable"
        qos_map: "<your_own_value> (source wireless-controller.hotspot20.qos-map.name)
↪"
        release: "2"
        roaming_consortium: "<your_own_value> (source wireless-controller.hotspot20.
↪anqp-roaming-consortium.name) "
        terms_and_conditions: "<your_own_value> (source wireless-controller.hotspot20.
↪h2qp-terms-and-conditions.name) "
        venue_group: "unspecified"
        venue_name: "<your_own_value> (source wireless-controller.hotspot20.anqp-
↪venue-name.name) "
        venue_type: "unspecified"
        venue_url: "<your_own_value> (source wireless-controller.hotspot20.anqp-venue-
↪url.name) "
        wan_metrics: "<your_own_value> (source wireless-controller.hotspot20.h2qp-wan-
↪metric.name) "
        wnm_sleep_mode: "enable"

```

## 6.614.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.614.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.614.10 Authors

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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.615 fortios\_wireless\_controller\_hotspot20\_icon – Configure OSU provider icon in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.615.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and icon category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.615.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.615.3 Tips

Using member operation to add an element to an existing object.

### 6.615.4 FortiOS Version Compatibility

### 6.615.5 Parameters

### 6.615.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.615.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure OSU provider icon.
  fortios_wireless_controller_hotspot20_icon:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_icon:
      icon_list:
      -
        file: "<your_own_value>"
        height: "0"
        lang: "<your_own_value>"
        name: "default_name_7"
```

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```
type: "bmp"
width: "0"
name: "default_name_10"
```

## 6.615.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.615.9 Status

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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.616 fortios\_wireless\_controller\_hotspot20\_qos\_map – Configure QoS map set in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

## 6.616.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller\_hotspot20 feature and qos\_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.616.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.616.3 Tips

Using member operation to add an element to an existing object.

## 6.616.4 FortiOS Version Compatibility

## 6.616.5 Parameters

## 6.616.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.616.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure QoS map set.
  fortios_wireless_controller_hotspot20_qos_map:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_hotspot20_qos_map:
      dscp_except:
        -
```

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```
dscp: "0"
index: "0"
up: "0"
dscp_range:
-
  high: "255"
  index: "0"
  low: "255"
  up: "0"
name: "default_name_12"
```

## 6.616.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.616.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.616.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.617 fortios\_wireless\_controller\_inter\_controller – Configure inter wireless controller operation in Fortinet’s FortiOS and Forti-Gate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*



- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.617.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and inter\_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.617.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.617.3 Tips

Using member operation to add an element to an existing object.

### 6.617.4 FortiOS Version Compatibility

### 6.617.5 Parameters

### 6.617.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.617.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
```

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```
ansible_httpapi_port: 443
tasks:
- name: Configure inter wireless controller operation.
  fortios_wireless_controller_inter_controller:
    vdom: "{{ vdom }}"
    wireless_controller_inter_controller:
      fast_failover_max: "10"
      fast_failover_wait: "10"
      inter_controller_key: "<your_own_value>"
      inter_controller_mode: "disable"
      inter_controller_peer:
        -
          id: "8"
          peer_ip: "<your_own_value>"
          peer_port: "5246"
          peer_priority: "primary"
      inter_controller_pri: "primary"
      l3_roaming: "enable"
```

## 6.617.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.617.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.617.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.618 fortios\_wireless\_controller\_log – Configure wireless controller event log filters in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.618.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.618.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.618.3 Tips

Using member operation to add an element to an existing object.

### 6.618.4 FortiOS Version Compatibility

### 6.618.5 Parameters

### 6.618.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.618.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure wireless controller event log filters.
  fortios_wireless_controller_log:
    vdom: "{{ vdom }}"
    wireless_controller_log:
      addrgrp_log: "emergency"
      ble_log: "emergency"
      clb_log: "emergency"
      dhcp_starv_log: "emergency"
      led_sched_log: "emergency"
      radio_event_log: "emergency"
      rogue_event_log: "emergency"
      sta_event_log: "emergency"
      sta_locate_log: "emergency"
      status: "enable"
      wids_log: "emergency"
      wtp_event_log: "emergency"
```

## 6.618.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.618.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.618.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.619 fortios\_wireless\_controller\_mpsk\_profile – Configure MPSK profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.619.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and mpsk\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.619.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.619.3 Tips

Using member operation to add an element to an existing object.

### 6.619.4 FortiOS Version Compatibility

### 6.619.5 Parameters

### 6.619.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.619.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure MPSK profile.
  fortios_wireless_controller_mpsk_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_mpsk_profile:
      mpsk_concurrent_clients: "0"
      mpsk_group:
        -
          mpsk_key:
            -
              comment: "Comment."
              concurrent_client_limit_type: "default"
              concurrent_clients: "256"
              mac: "<your_own_value>"
              mpsk_schedules:
                -
                  name: "default_name_11 (source firewall.schedule.group.name_
↪ firewall.schedule.recurring.name firewall.schedule.onetime.name)"
                  name: "default_name_12"
                  passphrase: "<your_own_value>"
                  name: "default_name_14"
                  vlan_id: "0"
                  vlan_type: "no-vlan"
                  name: "default_name_17"
```

## 6.619.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.619.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.619.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.620 fortios\_wireless\_controller\_nac\_profile – Configure WiFi network access control (NAC) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.620.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and nac\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.620.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.620.3 Tips

Using member operation to add an element to an existing object.

## 6.620.4 FortiOS Version Compatibility

## 6.620.5 Parameters

## 6.620.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.620.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WiFi network access control (NAC) profiles.
  fortios_wireless_controller_nac_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_nac_profile:
      comment: "Comment."
      name: "default_name_4"
      onboarding_vlan: "<your_own_value> (source system.interface.name) "
```

## 6.620.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.620.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.620.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.621 fortios\_wireless\_controller\_qos\_profile – Configure WiFi quality of service (QoS) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.621.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and qos\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.621.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.621.3 Tips

Using member operation to add an element to an existing object.

## 6.621.4 FortiOS Version Compatibility

### 6.621.5 Parameters

### 6.621.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.621.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WiFi quality of service (QoS) profiles.
  fortios_wireless_controller_qos_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_qos_profile:
      bandwidth_admission_control: "enable"
      bandwidth_capacity: "2000"
      burst: "enable"
      call_admission_control: "enable"
      call_capacity: "10"
      comment: "Comment."
      downlink: "0"
      downlink_sta: "0"
      dscp_wmm_be:
        -
          id: "12"
      dscp_wmm_bk:
        -
          id: "14"
      dscp_wmm_mapping: "enable"
      dscp_wmm_vi:
        -
          id: "17"
      dscp_wmm_vo:
        -
          id: "19"
      name: "default_name_20"
      uplink: "0"
      uplink_sta: "0"
      wmm: "enable"
```

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```

wmm_be_dscp: "0"
wmm_bk_dscp: "8"
wmm_dscp_marking: "enable"
wmm_uapsd: "enable"
wmm_vi_dscp: "32"
wmm_vo_dscp: "48"

```

## 6.621.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.621.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.621.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.622 fortios\_wireless\_controller\_region – Configure FortiAP regions (for floor plans and maps) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.622.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and region category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.622.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.622.3 Tips

Using member operation to add an element to an existing object.

## 6.622.4 FortiOS Version Compatibility

## 6.622.5 Parameters

## 6.622.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.622.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiAP regions (for floor plans and maps).
  fortios_wireless_controller_region:
    vdom: "{{ vdom }}"
```

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```

state: "present"
access_token: "<your_own_value>"
wireless_controller_region:
  comments: "<your_own_value>"
  grayscale: "enable"
  image_type: "png"
  name: "default_name_6"
  opacity: "100"

```

## 6.622.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.622.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.622.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.623 fortios\_wireless\_controller\_rf\_analysis – Wireless controller rf-analysis in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.623.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and rf\_analysis category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.623.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.623.3 Tips

Using member operation to add an element to an existing object.

### 6.623.4 FortiOS Version Compatibility

### 6.623.5 Parameters

### 6.623.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.623.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Wireless controller rf-analysis.
  fortios_wireless_controller_rf_analysis:
    vdom: "{{ vdom }}"
```

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```
wireless_controller_rf_analysis:
  wtp_id: "<your_own_value>"
```

### 6.623.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.623.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.623.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.624 fortios\_wireless\_controller\_setting – VDOM wireless controller configuration in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

## 6.624.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.624.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.624.3 Tips

Using member operation to add an element to an existing object.

## 6.624.4 FortiOS Version Compatibility

## 6.624.5 Parameters

## 6.624.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.624.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: VDOM wireless controller configuration.
  fortios_wireless_controller_setting:
    vdom: "{{ vdom }}"
    wireless_controller_setting:
      account_id: "<your_own_value>"
      country: "--"
      darrp_optimize: "86400"
      darrp_optimize_schedules:
```

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```

-
  name: "default_name_7 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name) "
  device_holdoff: "5"
  device_idle: "1440"
  device_weight: "1"
  duplicate_ssid: "enable"
  fake_ssid_action: "log"
  fapc_compatibility: "enable"
  firmware_provision_on_authorization: "enable"
  offending_ssid:
-
  action: "log"
  id: "17"
  ssid_pattern: "<your_own_value>"
  phishing_ssid_detect: "enable"
  wfa_compatibility: "enable"

```

### 6.624.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.624.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.624.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.625 fortios\_wireless\_controller\_snmp – Configure SNMP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.625.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and snmp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.625.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.625.3 Tips

Using member operation to add an element to an existing object.

### 6.625.4 FortiOS Version Compatibility

### 6.625.5 Parameters

### 6.625.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.625.7 Examples

```

- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure SNMP.
  fortios_wireless_controller_snmp:
    vdom: "{{ vdom }}"
    wireless_controller_snmp:
      community:
        -
          hosts:
            -
              id: "5"
              ip: "<your_own_value>"
            id: "7"
            name: "default_name_8"
            query_v1_status: "enable"
            query_v2c_status: "enable"
            status: "enable"
            trap_v1_status: "enable"
            trap_v2c_status: "enable"
          contact_info: "<your_own_value>"
          engine_id: "<your_own_value>"
          trap_high_cpu_threshold: "80"
          trap_high_mem_threshold: "80"
          user:
            -
              auth_proto: "md5"
              auth_pwd: "<your_own_value>"
              name: "default_name_21"
              notify_hosts: "<your_own_value>"
              priv_proto: "aes"
              priv_pwd: "<your_own_value>"
              queries: "enable"
              security_level: "no-auth-no-priv"
              status: "enable"
              trap_status: "enable"

```

### 6.625.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.625.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.625.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.626 fortios\_wireless\_controller\_spectral\_info – Wireless controller spectrum analysis in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.626.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and spectral\_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.626.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.626.3 Tips

Using member operation to add an element to an existing object.

### 6.626.4 FortiOS Version Compatibility

### 6.626.5 Parameters

### 6.626.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.626.7 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Wireless controller spectrum analysis.
      fortios_wireless_controller_spectral_info:
        vdom: "{{ vdom }}"
        wireless_controller_spectral_info:
          set_wtp_id: "<your_own_value>"
```

### 6.626.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 6.626.9 Status

- This module is not guaranteed to have a backwards compatible interface.

### 6.626.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.627 fortios\_wireless\_controller\_ssid\_policy – Configure WiFi SSID policies in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.627.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and ssid\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.627.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.627.3 Tips

Using member operation to add an element to an existing object.

## 6.627.4 FortiOS Version Compatibility

## 6.627.5 Parameters

## 6.627.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.627.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WiFi SSID policies.
  fortios_wireless_controller_ssid_policy:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_ssid_policy:
      description: "<your_own_value>"
      name: "default_name_4"
      vlan: "<your_own_value> (source system.interface.name) "
```

## 6.627.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.627.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.627.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.628 fortios\_wireless\_controller\_status – Wireless controller status in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.628.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.628.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.628.3 Tips

Using member operation to add an element to an existing object.



## 6.628.4 FortiOS Version Compatibility

## 6.628.5 Parameters

## 6.628.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.628.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Wireless controller status.
  fortios_wireless_controller_status:
    vdom: "{{ vdom }}"
    wireless_controller_status:
      set_1_2: "<your_own_value>"
```

## 6.628.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.628.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.628.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.629 fortios\_wireless\_controller\_syslog\_profile – Configure Wireless Termination Points (WTP) system log server profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.629.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and syslog\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.629.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.629.3 Tips

Using member operation to add an element to an existing object.

## 6.629.4 FortiOS Version Compatibility

## 6.629.5 Parameters

## 6.629.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.629.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Wireless Termination Points (WTP) system log server profile.
  fortios_wireless_controller_syslog_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_syslog_profile:
      comment: "Comment."
      log_level: "emergency"
      name: "default_name_5"
      server_addr_type: "fqdn"
      server_fqdn: "<your_own_value>"
      server_ip: "<your_own_value>"
      server_port: "514"
      server_status: "enable"
```

## 6.629.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.629.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.629.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.630 fortios\_wireless\_controller\_timers – Configure CAPWAP timers in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.630.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and timers category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.630.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.630.3 Tips

Using member operation to add an element to an existing object.

## 6.630.4 FortiOS Version Compatibility

## 6.630.5 Parameters

## 6.630.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.630.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure CAPWAP timers.
  fortios_wireless_controller_timers:
    vdom: "{{ vdom }}"
    wireless_controller_timers:
      auth_timeout: "5"
      ble_scan_report_intv: "30"
      client_idle_rehome_timeout: "20"
      client_idle_timeout: "300"
      darrp_day: "sunday"
      darrp_optimize: "43200"
      darrp_time:
        -
          time: "<your_own_value>"
      discovery_interval: "5"
      drma_interval: "60"
      echo_interval: "30"
      fake_ap_log: "1"
      ipsec_intf_cleanup: "120"
      radio_stats_interval: "15"
      rogue_ap_cleanup: "0"
      rogue_ap_log: "0"
      sta_capability_interval: "30"
      sta_locate_timer: "1800"
      sta_stats_interval: "1"
      vap_stats_interval: "15"
```

## 6.630.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.630.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.630.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.631 fortios\_wireless\_controller\_utm\_profile – Configure UTM (Unified Threat Management) profile in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.631.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and utm\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.631.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.631.3 Tips

Using member operation to add an element to an existing object.

## 6.631.4 FortiOS Version Compatibility

## 6.631.5 Parameters

## 6.631.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.631.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure UTM (Unified Threat Management) profile.
  fortios_wireless_controller_utm_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_utm_profile:
      antivirus_profile: "<your_own_value> (source antivirus.profile.name)"
      application_list: "<your_own_value> (source application.list.name)"
      comment: "Comment."
      ips_sensor: "<your_own_value> (source ips.sensor.name)"
      name: "default_name_7"
      scan_botnet_connections: "disable"
      utm_log: "enable"
      webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
```

## 6.631.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.631.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.631.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.632 fortios\_wireless\_controller\_vap – Configure Virtual Access Points (VAPs) in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 6.632.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and vap category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.632.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.632.3 Tips

Using member operation to add an element to an existing object.

### 6.632.4 FortiOS Version Compatibility

### 6.632.5 Parameters

### 6.632.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 6.632.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure Virtual Access Points (VAPs).
  fortios_wireless_controller_vap:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_vap:
      access_control_list: "<your_own_value> (source wireless-controller.access-
↪control-list.name)"
      acct_interim_interval: "43200"
      additional_akms: "akm6"
      address_group: "<your_own_value> (source firewall.addrgrp.name)"
      address_group_policy: "disable"
```

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```

alias: "<your_own_value>"
antivirus_profile: "<your_own_value> (source antivirus.profile.name)"
application_detection_engine: "enable"
application_dscp_marking: "enable"
application_list: "<your_own_value> (source application.list.name)"
application_report_intv: "120"
atf_weight: "20"
auth: "psk"
auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
auth_portal_addr: "<your_own_value>"
beacon_advertising: "name"
broadcast_ssid: "enable"
broadcast_suppression: "dhcp-up"
bss_color_partial: "enable"
bstm_disassociation_imminent: "enable"
bstm_load_balancing_disassoc_timer: "10"
bstm_rssi_disassoc_timer: "200"
captive_portal_ac_name: "<your_own_value>"
captive_portal_auth_timeout: "0"
captive_portal_macauth_radius_secret: "<your_own_value>"
captive_portal_macauth_radius_server: "<your_own_value>"
captive_portal_radius_secret: "<your_own_value>"
captive_portal_radius_server: "<your_own_value>"
captive_portal_session_timeout_interval: "432000"
dhcp_address_enforcement: "enable"
dhcp_lease_time: "2400"
dhcp_option43_insertion: "enable"
dhcp_option82_circuit_id_insertion: "style-1"
dhcp_option82_insertion: "enable"
dhcp_option82_remote_id_insertion: "style-1"
dynamic_vlan: "enable"
eap_reauth: "enable"
eap_reauth_intv: "86400"
eapol_key_retries: "disable"
encrypt: "TKIP"
external_fast_roaming: "enable"
external_logout: "<your_own_value>"
external_web: "<your_own_value>"
external_web_format: "auto-detect"
fast_bss_transition: "disable"
fast_roaming: "enable"
ft_mobility_domain: "1000"
ft_over_ds: "disable"
ft_r0_key_lifetime: "480"
gas_comeback_delay: "500"
gas_fragmentation_limit: "1024"
gtk_rekey: "enable"
gtk_rekey_intv: "86400"
high_efficiency: "enable"
hotspot20_profile: "<your_own_value> (source wireless-controller.hotspot20.hs-
↪profile.name)"
igmp_snooping: "enable"
intra_vap_privacy: "enable"
ip: "<your_own_value>"
ips_sensor: "<your_own_value> (source ips.sensor.name)"
ipv6_rules: "drop-icmp6ra"
key: "<your_own_value>"

```

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```

keyindex: "1"
l3_roaming: "enable"
l3_roaming_mode: "direct"
ldpc: "disable"
local_authentication: "enable"
local_bridging: "enable"
local_lan: "allow"
local_standalone: "enable"
local_standalone_dns: "enable"
local_standalone_dns_ip: "<your_own_value>"
local_standalone_nat: "enable"
mac_auth_bypass: "enable"
mac_called_station_delimiter: "hyphen"
mac_calling_station_delimiter: "hyphen"
mac_case: "uppercase"
mac_filter: "enable"
mac_filter_list:
-
  id: "81"
  mac: "<your_own_value>"
  mac_filter_policy: "allow"
  mac_filter_policy_other: "allow"
  mac_password_delimiter: "hyphen"
  mac_username_delimiter: "hyphen"
  max_clients: "0"
  max_clients_ap: "0"
  mbo: "disable"
  mbo_cell_data_conn_pref: "excluded"
  me_disable_thresh: "32"
  mesh_backhaul: "enable"
  mpsk: "enable"
  mpsk_concurrent_clients: "32767"
  mpsk_key:
  -
    comment: "Comment."
    concurrent_clients: "<your_own_value>"
    key_name: "<your_own_value>"
    mpsk_schedules:
    -
      name: "default_name_100 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
      passphrase: "<your_own_value>"
      mpsk_profile: "<your_own_value> (source wireless-controller.mpsk-profile.name)
↪"
      mu_mimo: "enable"
      multicast_enhance: "enable"
      multicast_rate: "0"
      nac: "enable"
      nac_profile: "<your_own_value> (source wireless-controller.nac-profile.name)"
      name: "default_name_108"
      neighbor_report_dual_band: "disable"
      okc: "disable"
      osen: "enable"
      owe_groups: "19"
      owe_transition: "disable"
      owe_transition_ssid: "<your_own_value>"
      passphrase: "<your_own_value>"

```

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```

    pmf: "disable"
    pmf_assoc_comeback_timeout: "1"
    pmf_sa_query_retry_timeout: "2"
    port_macauth: "disable"
    port_macauth_reauth_timeout: "7200"
    port_macauth_timeout: "600"
    portal_message_override_group: "<your_own_value> (source system.replacemsg-
↪group.name) "
    portal_message_overrides:
        auth_disclaimer_page: "<your_own_value>"
        auth_login_failed_page: "<your_own_value>"
        auth_login_page: "<your_own_value>"
        auth_reject_page: "<your_own_value>"
    portal_type: "auth"
    primary_wag_profile: "<your_own_value> (source wireless-controller.wag-
↪profile.name) "
    probe_resp_suppression: "enable"
    probe_resp_threshold: "<your_own_value>"
    ptk_rekey: "enable"
    ptk_rekey_intv: "86400"
    qos_profile: "<your_own_value> (source wireless-controller.qos-profile.name) "
    quarantine: "enable"
    radio_2g_threshold: "<your_own_value>"
    radio_5g_threshold: "<your_own_value>"
    radio_sensitivity: "enable"
    radius_mac_auth: "enable"
    radius_mac_auth_server: "<your_own_value> (source user.radius.name) "
    radius_mac_auth_usergroups:
        -
            name: "default_name_142"
    radius_mac_mpsk_auth: "enable"
    radius_mac_mpsk_timeout: "86400"
    radius_server: "<your_own_value> (source user.radius.name) "
    rates_11a: "1"
    rates_11ac_mcs_map: "<your_own_value>"
    rates_11ac_ss12: "mcs0/1"
    rates_11ac_ss34: "mcs0/3"
    rates_11ax_mcs_map: "<your_own_value>"
    rates_11ax_ss12: "mcs0/1"
    rates_11ax_ss34: "mcs0/3"
    rates_11bg: "1"
    rates_11n_ss12: "mcs0/1"
    rates_11n_ss34: "mcs16/3"
    sae_groups: "19"
    sae_h2e_only: "enable"
    sae_password: "<your_own_value>"
    sae_pk: "enable"
    sae_private_key: "<your_own_value>"
    scan_botnet_connections: "disable"
    schedule:
        -
            name: "default_name_163 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name) "
            secondary_wag_profile: "<your_own_value> (source wireless-controller.wag-
↪profile.name) "
            security: "open"
            security_exempt_list: "<your_own_value> (source user.security-exempt-list.
↪name) "

```

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```

security_obsolete_option: "enable"
security_redirect_url: "<your_own_value>"
selected_usergroups:
-
    name: "default_name_170 (source user.group.name) "
    split_tunneling: "enable"
    ssid: "<your_own_value>"
    sticky_client_remove: "enable"
    sticky_client_threshold_2g: "<your_own_value>"
    sticky_client_threshold_5g: "<your_own_value>"
    sticky_client_threshold_6g: "<your_own_value>"
    target_wake_time: "enable"
    tkip_counter_measure: "enable"
    tunnel_echo_interval: "300"
    tunnel_fallback_interval: "7200"
    usergroup:
    -
        name: "default_name_182 (source user.group.name) "
        utm_log: "enable"
        utm_profile: "<your_own_value> (source wireless-controller.utm-profile.name) "
        utm_status: "enable"
        vdom: "<your_own_value> (source system.vdom.name) "
        vlan_auto: "enable"
        vlan_name:
        -
            name: "default_name_189"
            vlan_id: "0"
        vlan_pool:
        -
            id: "192"
            wtp_group: "<your_own_value> (source wireless-controller.wtp-group.name) "
        vlan_pooling: "wtp-group"
        vlanid: "0"
        voice_enterprise: "disable"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name) "

```

## 6.632.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.632.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.632.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.633 fortios\_wireless\_controller\_vap\_group – Configure virtual Access Point (VAP) groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.633.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and vap\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.633.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.633.3 Tips

Using member operation to add an element to an existing object.

## 6.633.4 FortiOS Version Compatibility

## 6.633.5 Parameters

## 6.633.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.633.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure virtual Access Point (VAP) groups.
  fortios_wireless_controller_vap_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_vap_group:
      comment: "Comment."
      name: "default_name_4"
      vaps:
        -
          name: "default_name_6 (source wireless-controller.vap.name)"
```

## 6.633.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.633.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.633.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)

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- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.634 fortios\_wireless\_controller\_vap\_status – Wireless controller VAP-status in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.634.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and vap\_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.634.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.634.3 Tips

Using member operation to add an element to an existing object.



## 6.634.4 FortiOS Version Compatibility

## 6.634.5 Parameters

## 6.634.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.634.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Wireless controller VAP-status.
  fortios_wireless_controller_vap_status:
    vdom: "{{ vdom }}"
    wireless_controller_vap_status:
      set_1: "<your_own_value>"
```

## 6.634.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.634.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.634.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.635 fortios\_wireless\_controller\_wag\_profile – Configure wireless access gateway (WAG) profiles used for tunnels on AP in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.635.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wag\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.635.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.635.3 Tips

Using member operation to add an element to an existing object.

## 6.635.4 FortiOS Version Compatibility

## 6.635.5 Parameters

## 6.635.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.635.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure wireless access gateway (WAG) profiles used for tunnels on AP.
  fortios_wireless_controller_wag_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_wag_profile:
      comment: "Comment."
      dhcp_ip_addr: "<your_own_value>"
      name: "default_name_5"
      ping_interval: "1"
      ping_number: "5"
      return_packet_timeout: "160"
      tunnel_type: "l2tpv3"
      wag_ip: "<your_own_value>"
      wag_port: "1701"
```

## 6.635.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.635.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.635.10 Authors

- Link Zheng (@chillancezen)

- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.636 fortios\_wireless\_controller\_wids\_profile – Configure wireless intrusion detection system (WIDS) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.636.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wids\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.636.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.636.3 Tips

Using member operation to add an element to an existing object.

## 6.636.4 FortiOS Version Compatibility

## 6.636.5 Parameters

## 6.636.6 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.636.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure wireless intrusion detection system (WIDS) profiles.
  fortios_wireless_controller_wids_profile:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_wids_profile:
      ap_auto_suppress: "enable"
      ap_bgscan_disable_day: "sunday"
      ap_bgscan_disable_end: "<your_own_value>"
      ap_bgscan_disable_schedules:
        -
          name: "default_name_7 (source firewall.schedule.group.name firewall.
            ↳schedule.recurring.name firewall.schedule.onetime.name)"
          ap_bgscan_disable_start: "<your_own_value>"
          ap_bgscan_duration: "30"
          ap_bgscan_idle: "20"
          ap_bgscan_intv: "3"
          ap_bgscan_period: "600"
          ap_bgscan_report_intv: "30"
          ap_fgscan_report_intv: "15"
          ap_scan: "disable"
          ap_scan_passive: "enable"
          ap_scan_threshold: "<your_own_value>"
          asleep_attack: "enable"
          assoc_flood_thresh: "30"
          assoc_flood_time: "10"
          assoc_frame_flood: "enable"
          auth_flood_thresh: "30"
          auth_flood_time: "10"
          auth_frame_flood: "enable"
          comment: "Comment."
```

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```
deauth_broadcast: "enable"
deauth_unknown_src_thresh: "10"
eapol_fail_flood: "enable"
eapol_fail_intv: "1"
eapol_fail_thresh: "10"
eapol_logoff_flood: "enable"
eapol_logoff_intv: "1"
eapol_logoff_thresh: "10"
eapol_pre_fail_flood: "enable"
eapol_pre_fail_intv: "1"
eapol_pre_fail_thresh: "10"
eapol_pre_succ_flood: "enable"
eapol_pre_succ_intv: "1"
eapol_pre_succ_thresh: "10"
eapol_start_flood: "enable"
eapol_start_intv: "1"
eapol_start_thresh: "10"
eapol_succ_flood: "enable"
eapol_succ_intv: "1"
eapol_succ_thresh: "10"
invalid_mac_oui: "enable"
long_duration_attack: "enable"
long_duration_thresh: "8200"
name: "default_name_49"
null_ssid_probe_resp: "enable"
sensor_mode: "disable"
spoofed_deauth: "enable"
weak_wep_iv: "enable"
wireless_bridge: "enable"
```

## 6.636.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.636.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.636.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.637 fortios\_wireless\_controller\_wtp – Configure Wireless Termination Points (WTPs), that is, FortiAPs or APs to be managed by FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.637.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wtp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.637.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.637.3 Tips

Using member operation to add an element to an existing object.

## 6.637.4 FortiOS Version Compatibility

## 6.637.5 Parameters

## 6.637.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.637.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure Wireless Termination Points (WTPs), that is, FortiAPs or APs to
    be managed by FortiGate.
    fortios_wireless_controller_wtp:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      wireless_controller_wtp:
        admin: "discovered"
        allowaccess: "https"
        apcfg_profile: "<your_own_value> (source wireless-controller.apcfg-profile.
        name) "
        bonjour_profile: "<your_own_value> (source wireless-controller.bonjour-
        profile.name) "
        coordinate_enable: "enable"
        coordinate_latitude: "<your_own_value>"
        coordinate_longitude: "<your_own_value>"
        coordinate_x: "<your_own_value>"
        coordinate_y: "<your_own_value>"
        firmware_provision: "<your_own_value>"
        firmware_provision_latest: "disable"
        image_download: "enable"
        index: "0"
        ip_fragment_preventing: "tcp-mss-adjust"
        lan:
          port_es1_mode: "offline"
          port_es1_ssid: "<your_own_value> (source system.interface.name) "
          port_mode: "offline"
          port_ssid: "<your_own_value> (source system.interface.name) "
          port1_mode: "offline"
          port1_ssid: "<your_own_value> (source system.interface.name) "
          port2_mode: "offline"
```

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```

    port2_ssid: "<your_own_value> (source system.interface.name) "
    port3_mode: "offline"
    port3_ssid: "<your_own_value> (source system.interface.name) "
    port4_mode: "offline"
    port4_ssid: "<your_own_value> (source system.interface.name) "
    port5_mode: "offline"
    port5_ssid: "<your_own_value> (source system.interface.name) "
    port6_mode: "offline"
    port6_ssid: "<your_own_value> (source system.interface.name) "
    port7_mode: "offline"
    port7_ssid: "<your_own_value> (source system.interface.name) "
    port8_mode: "offline"
    port8_ssid: "<your_own_value> (source system.interface.name) "
    led_state: "enable"
    location: "<your_own_value>"
    login_passwd: "<your_own_value>"
    login_passwd_change: "yes"
    mesh_bridge_enable: "default"
    name: "default_name_43"
    override_allowaccess: "enable"
    override_ip_fragment: "enable"
    override_lan: "enable"
    override_led_state: "enable"
    override_login_passwd_change: "enable"
    override_split_tunnel: "enable"
    override_wan_port_mode: "enable"
    radio_1:
      auto_power_high: "17"
      auto_power_level: "enable"
      auto_power_low: "10"
      auto_power_target: "<your_own_value>"
      band: "802.11a"
      channel:
        -
          chan: "<your_own_value>"
      drma_manual_mode: "ap"
      override_analysis: "enable"
      override_band: "enable"
      override_channel: "enable"
      override_txpower: "enable"
      override_vaps: "enable"
      power_level: "100"
      power_mode: "dBm"
      power_value: "27"
      radio_id: "2"
      spectrum_analysis: "enable"
      vap_all: "tunnel"
      vaps:
        -
          name: "default_name_72 (source wireless-controller.vap-group.name_
↪system.interface.name) "
    radio_2:
      auto_power_high: "17"
      auto_power_level: "enable"
      auto_power_low: "10"
      auto_power_target: "<your_own_value>"
      band: "802.11a"

```

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```

channel:
-
    chan: "<your_own_value>"
    drma_manual_mode: "ap"
    override_analysis: "enable"
    override_band: "enable"
    override_channel: "enable"
    override_txpower: "enable"
    override_vaps: "enable"
    power_level: "100"
    power_mode: "dBm"
    power_value: "27"
    radio_id: "2"
    spectrum_analysis: "enable"
    vap_all: "tunnel"
    vaps:
    -
        name: "default_name_94 (source wireless-controller.vap-group.name_
↪system.interface.name)"
    radio_3:
        auto_power_high: "17"
        auto_power_level: "enable"
        auto_power_low: "10"
        auto_power_target: "<your_own_value>"
        band: "802.11a"
        channel:
        -
            chan: "<your_own_value>"
            drma_manual_mode: "ap"
            override_analysis: "enable"
            override_band: "enable"
            override_channel: "enable"
            override_txpower: "enable"
            override_vaps: "enable"
            power_level: "100"
            power_mode: "dBm"
            power_value: "27"
            radio_id: "2"
            spectrum_analysis: "enable"
            vap_all: "tunnel"
            vaps:
            -
                name: "default_name_116 (source wireless-controller.vap-group.name_
↪system.interface.name)"
    radio_4:
        auto_power_high: "17"
        auto_power_level: "enable"
        auto_power_low: "10"
        auto_power_target: "<your_own_value>"
        band: "802.11a"
        channel:
        -
            chan: "<your_own_value>"
            drma_manual_mode: "ap"
            override_analysis: "enable"
            override_band: "enable"
            override_channel: "enable"

```

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```

    override_txpower: "enable"
    override_vaps: "enable"
    power_level: "100"
    power_mode: "dBm"
    power_value: "27"
    spectrum_analysis: "enable"
    vap_all: "tunnel"
    vaps:
      -
        name: "default_name_137 (source wireless-controller.vap-group.name_
        ↪system.interface.name)"
        region: "<your_own_value> (source wireless-controller.region.name)"
        region_x: "<your_own_value>"
        region_y: "<your_own_value>"
        split_tunneling_acl:
          -
            dest_ip: "<your_own_value>"
            id: "143"
        split_tunneling_acl_local_ap_subnet: "enable"
        split_tunneling_acl_path: "tunnel"
        tun_mtu_downlink: "0"
        tun_mtu_uplink: "0"
        uuid: "<your_own_value>"
        wan_port_mode: "wan-lan"
        wtp_id: "<your_own_value>"
        wtp_mode: "normal"
        wtp_profile: "<your_own_value> (source wireless-controller.wtp-profile.name)"

```

## 6.637.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.637.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.637.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.638 fortios\_wireless\_controller\_wtp\_group – Configure WTP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.638.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wtp\_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.638.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.638.3 Tips

Using member operation to add an element to an existing object.

### 6.638.4 FortiOS Version Compatibility

### 6.638.5 Parameters

### 6.638.6 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 6.638.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure WTP groups.
  fortios_wireless_controller_wtp_group:
    vdom: "{{ vdom }}"
    state: "present"
    access_token: "<your_own_value>"
    wireless_controller_wtp_group:
      name: "default_name_3"
      platform_type: "AP-11N"
      wtps:
        -
          wtp_id: "<your_own_value> (source wireless-controller.wtp.wtp-id) "
```

## 6.638.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.638.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.638.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.639 fortios\_wireless\_controller\_wtp\_profile – Configure WTP profiles or FortiAP profiles that define radio settings for manageable FortiAP platforms in Fortinet’s FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 6.639.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wtp\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

### 6.639.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

### 6.639.3 Tips

Using member operation to add an element to an existing object.

### 6.639.4 FortiOS Version Compatibility

### 6.639.5 Parameters

### 6.639.6 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 6.639.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
  - name: Configure WTP profiles or FortiAP profiles that define radio settings for
    ↪manageable FortiAP platforms.
    fortios_wireless_controller_wtp_profile:
      vdom: "{{ vdom }}"
      state: "present"
      access_token: "<your_own_value>"
      wireless_controller_wtp_profile:
        allowaccess: "https"
        ap_country: "--"
        ap_handoff: "enable"
        apcfg_profile: "<your_own_value> (source wireless-controller.apcfg-profile.
    ↪name) "
        ble_profile: "<your_own_value> (source wireless-controller.ble-profile.name) "
        comment: "Comment."
        console_login: "enable"
        control_message_offload: "ebp-frame"
        deny_mac_list:
          -
            id: "12"
            mac: "<your_own_value>"
        dtls_in_kernel: "enable"
        dtls_policy: "clear-text"
        energy_efficient_ethernet: "enable"
        esl_ses_dongle:
          apc_addr_type: "fqdn"
          apc_fqdn: "<your_own_value>"
          apc_ip: "<your_own_value>"
          apc_port: "0"
          coex_level: "none"
          compliance_level: "compliance-level-2"
          esl_channel: "-1"
          output_power: "a"
          scd_enable: "enable"
          tls_cert_verification: "enable"
          tls_fqdn_verification: "enable"
        ext_info_enable: "enable"
        frequency_handoff: "enable"
        handoff_roaming: "enable"
        handoff_rssi: "25"
        handoff_sta_thresh: "0"
        indoor_outdoor_deployment: "platform-determined"
        ip_fragment_preventing: "tcp-mss-adjust"
```

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```

lan:
  port_es1_mode: "offline"
  port_es1_ssid: "<your_own_value> (source system.interface.name)"
  port_mode: "offline"
  port_ssid: "<your_own_value> (source system.interface.name)"
  port1_mode: "offline"
  port1_ssid: "<your_own_value> (source system.interface.name)"
  port2_mode: "offline"
  port2_ssid: "<your_own_value> (source system.interface.name)"
  port3_mode: "offline"
  port3_ssid: "<your_own_value> (source system.interface.name)"
  port4_mode: "offline"
  port4_ssid: "<your_own_value> (source system.interface.name)"
  port5_mode: "offline"
  port5_ssid: "<your_own_value> (source system.interface.name)"
  port6_mode: "offline"
  port6_ssid: "<your_own_value> (source system.interface.name)"
  port7_mode: "offline"
  port7_ssid: "<your_own_value> (source system.interface.name)"
  port8_mode: "offline"
  port8_ssid: "<your_own_value> (source system.interface.name)"
lbs:
  aeroscout: "enable"
  aeroscout_ap_mac: "bssid"
  aeroscout_mmu_report: "enable"
  aeroscout_mu: "enable"
  aeroscout_mu_factor: "20"
  aeroscout_mu_timeout: "5"
  aeroscout_server_ip: "<your_own_value>"
  aeroscout_server_port: "0"
  ekahau_blink_mode: "enable"
  ekahau_tag: "<your_own_value>"
  erc_server_ip: "<your_own_value>"
  erc_server_port: "8569"
  fortipresence: "foreign"
  fortipresence_ble: "enable"
  fortipresence_frequency: "30"
  fortipresence_port: "3000"
  fortipresence_project: "<your_own_value>"
  fortipresence_rogue: "enable"
  fortipresence_secret: "<your_own_value>"
  fortipresence_server: "<your_own_value>"
  fortipresence_server_addr_type: "ipv4"
  fortipresence_server_fqdn: "<your_own_value>"
  fortipresence_unassoc: "enable"
  station_locate: "enable"
led_schedules:
  -
    name: "default_name_83 (source firewall.schedule.group.name firewall.
    ↪schedule.recurring.name firewall.schedule.onetime.name)"
    led_state: "enable"
    lldp: "enable"
    login_passwd: "<your_own_value>"
    login_passwd_change: "yes"
    max_clients: "0"
    name: "default_name_89"
    platform:

```

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```

        ddscan: "enable"
        mode: "single-5G"
        type: "AP-11N"
    poe_mode: "auto"
    radio_1:
        airtime_fairness: "enable"
        amsdu: "enable"
        ap_handoff: "enable"
        ap_sniffer_addr: "<your_own_value>"
        ap_sniffer_bufsize: "16"
        ap_sniffer_chan: "36"
        ap_sniffer_ctl: "enable"
        ap_sniffer_data: "enable"
        ap_sniffer_mgmt_beacon: "enable"
        ap_sniffer_mgmt_other: "enable"
        ap_sniffer_mgmt_probe: "enable"
        arrp_profile: "<your_own_value> (source wireless-controller.arrp-profile.
↪name) "

        auto_power_high: "17"
        auto_power_level: "enable"
        auto_power_low: "10"
        auto_power_target: "<your_own_value>"
        band: "802.11a"
        band_5g_type: "5g-full"
        bandwidth_admission_control: "enable"
        bandwidth_capacity: "2000"
        beacon_interval: "100"
        bss_color: "0"
        bss_color_mode: "auto"
        call_admission_control: "enable"
        call_capacity: "10"
        channel:
            -
                chan: "<your_own_value>"
        channel_bonding: "160MHz"
        channel_utilization: "enable"
        coexistence: "enable"
        darrp: "enable"
        drma: "disable"
        drma_sensitivity: "low"
        dtim: "1"
        frag_threshold: "2346"
        frequency_handoff: "enable"
        iperf_protocol: "udp"
        iperf_server_port: "5001"
        max_clients: "0"
        max_distance: "0"
        mode: "disabled"
        power_level: "100"
        power_mode: "dBm"
        power_value: "27"
        powersave_optimize: "tim"
        protection_mode: "rtscts"
        radio_id: "2"
        rts_threshold: "2346"
        sam_bssid: "<your_own_value>"
        sam_captive_portal: "enable"

```

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```

    sam_cwp_failure_string: "<your_own_value>"
    sam_cwp_match_string: "<your_own_value>"
    sam_cwp_password: "<your_own_value>"
    sam_cwp_success_string: "<your_own_value>"
    sam_cwp_test_url: "<your_own_value>"
    sam_cwp_username: "<your_own_value>"
    sam_password: "<your_own_value>"
    sam_report_intv: "0"
    sam_security_type: "open"
    sam_server: "<your_own_value>"
    sam_server_fqdn: "<your_own_value>"
    sam_server_ip: "<your_own_value>"
    sam_server_type: "ip"
    sam_ssid: "<your_own_value>"
    sam_test: "ping"
    sam_username: "<your_own_value>"
    set_80211d: "enable"
    short_guard_interval: "enable"
    spectrum_analysis: "enable"
    transmit_optimize: "disable"
    vap_all: "tunnel"
    vaps:
    -
        name: "default_name_168 (source wireless-controller.vap-group.name_
↪system.interface.name)"
        wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
        zero_wait_dfs: "enable"
    radio_2:
        airtime_fairness: "enable"
        amsdu: "enable"
        ap_handoff: "enable"
        ap_sniffer_addr: "<your_own_value>"
        ap_sniffer_bufsize: "16"
        ap_sniffer_chan: "6"
        ap_sniffer_ctl: "enable"
        ap_sniffer_data: "enable"
        ap_sniffer_mgmt_beacon: "enable"
        ap_sniffer_mgmt_other: "enable"
        ap_sniffer_mgmt_probe: "enable"
        arrp_profile: "<your_own_value> (source wireless-controller.arrp-profile.
↪name)"
        auto_power_high: "17"
        auto_power_level: "enable"
        auto_power_low: "10"
        auto_power_target: "<your_own_value>"
        band: "802.11a"
        band_5g_type: "5g-full"
        bandwidth_admission_control: "enable"
        bandwidth_capacity: "2000"
        beacon_interval: "100"
        bss_color: "0"
        bss_color_mode: "auto"
        call_admission_control: "enable"
        call_capacity: "10"
        channel:
    -

```

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```

        chan: "<your_own_value>"
        channel_bonding: "160MHz"
        channel_utilization: "enable"
        coexistence: "enable"
        darp: "enable"
        drma: "disable"
        drma_sensitivity: "low"
        dtim: "1"
        frag_threshold: "2346"
        frequency_handoff: "enable"
        iperf_protocol: "udp"
        iperf_server_port: "5001"
        max_clients: "0"
        max_distance: "0"
        mode: "disabled"
        power_level: "100"
        power_mode: "dBm"
        power_value: "27"
        powersave_optimize: "tim"
        protection_mode: "rtscts"
        radio_id: "2"
        rts_threshold: "2346"
        sam_bssid: "<your_own_value>"
        sam_captive_portal: "enable"
        sam_cwp_failure_string: "<your_own_value>"
        sam_cwp_match_string: "<your_own_value>"
        sam_cwp_password: "<your_own_value>"
        sam_cwp_success_string: "<your_own_value>"
        sam_cwp_test_url: "<your_own_value>"
        sam_cwp_username: "<your_own_value>"
        sam_password: "<your_own_value>"
        sam_report_intv: "0"
        sam_security_type: "open"
        sam_server: "<your_own_value>"
        sam_server_fqdn: "<your_own_value>"
        sam_server_ip: "<your_own_value>"
        sam_server_type: "ip"
        sam_ssid: "<your_own_value>"
        sam_test: "ping"
        sam_username: "<your_own_value>"
        set_80211d: "enable"
        short_guard_interval: "enable"
        spectrum_analysis: "enable"
        transmit_optimize: "disable"
        vap_all: "tunnel"
        vaps:
            -
                name: "default_name_244 (source wireless-controller.vap-group.name_
↪system.interface.name)"
                wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
                zero_wait_dfs: "enable"
            radio_3:
                airtime_fairness: "enable"
                amsdu: "enable"
                ap_handoff: "enable"
                ap_sniffer_addr: "<your_own_value>"

```

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```

ap_sniffer_bufsize: "16"
ap_sniffer_chan: "6"
ap_sniffer_ctl: "enable"
ap_sniffer_data: "enable"
ap_sniffer_mgmt_beacon: "enable"
ap_sniffer_mgmt_other: "enable"
ap_sniffer_mgmt_probe: "enable"
arrp_profile: "<your_own_value> (source wireless-controller.arrp-profile.
↪name) "

auto_power_high: "17"
auto_power_level: "enable"
auto_power_low: "10"
auto_power_target: "<your_own_value>"
band: "802.11a"
band_5g_type: "5g-full"
bandwidth_admission_control: "enable"
bandwidth_capacity: "2000"
beacon_interval: "100"
bss_color: "0"
bss_color_mode: "auto"
call_admission_control: "enable"
call_capacity: "10"
channel:
-
    chan: "<your_own_value>"
channel_bonding: "160MHz"
channel_utilization: "enable"
coexistence: "enable"
darrp: "enable"
drma: "disable"
drma_sensitivity: "low"
dtim: "1"
frag_threshold: "2346"
frequency_handoff: "enable"
iperf_protocol: "udp"
iperf_server_port: "5001"
max_clients: "0"
max_distance: "0"
mode: "disabled"
power_level: "100"
power_mode: "dBm"
power_value: "27"
powersave_optimize: "tim"
protection_mode: "rtscts"
radio_id: "2"
rts_threshold: "2346"
sam_bssid: "<your_own_value>"
sam_captive_portal: "enable"
sam_cwp_failure_string: "<your_own_value>"
sam_cwp_match_string: "<your_own_value>"
sam_cwp_password: "<your_own_value>"
sam_cwp_success_string: "<your_own_value>"
sam_cwp_test_url: "<your_own_value>"
sam_cwp_username: "<your_own_value>"
sam_password: "<your_own_value>"
sam_report_intv: "0"
sam_security_type: "open"

```

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```

    sam_server: "<your_own_value>"
    sam_server_fqdn: "<your_own_value>"
    sam_server_ip: "<your_own_value>"
    sam_server_type: "ip"
    sam_ssid: "<your_own_value>"
    sam_test: "ping"
    sam_username: "<your_own_value>"
    set_80211d: "enable"
    short_guard_interval: "enable"
    spectrum_analysis: "enable"
    transmit_optimize: "disable"
    vap_all: "tunnel"
    vaps:
      -
        name: "default_name_320 (source wireless-controller.vap-group.name_
↪system.interface.name)"
        wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
        zero_wait_dfs: "enable"
      radio_4:
        airtime_fairness: "enable"
        amsdu: "enable"
        ap_handoff: "enable"
        ap_sniffer_addr: "<your_own_value>"
        ap_sniffer_bufsize: "16"
        ap_sniffer_chan: "6"
        ap_sniffer_ctl: "enable"
        ap_sniffer_data: "enable"
        ap_sniffer_mgmt_beacon: "enable"
        ap_sniffer_mgmt_other: "enable"
        ap_sniffer_mgmt_probe: "enable"
        arrp_profile: "<your_own_value> (source wireless-controller.arrp-profile.
↪name)"
        auto_power_high: "17"
        auto_power_level: "enable"
        auto_power_low: "10"
        auto_power_target: "<your_own_value>"
        band: "802.11a"
        band_5g_type: "5g-full"
        bandwidth_admission_control: "enable"
        bandwidth_capacity: "2000"
        beacon_interval: "100"
        bss_color: "0"
        bss_color_mode: "auto"
        call_admission_control: "enable"
        call_capacity: "10"
        channel:
          -
            chan: "<your_own_value>"
            channel_bonding: "160MHz"
            channel_utilization: "enable"
            coexistence: "enable"
            darrp: "enable"
            drma: "disable"
            drma_sensitivity: "low"
            dtim: "1"
            frag_threshold: "2346"

```

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```

frequency_handoff: "enable"
iperf_protocol: "udp"
iperf_server_port: "5001"
max_clients: "0"
max_distance: "0"
mode: "disabled"
power_level: "100"
power_mode: "dBm"
power_value: "27"
powersave_optimize: "tim"
protection_mode: "rtscts"
rts_threshold: "2346"
sam_bssid: "<your_own_value>"
sam_captive_portal: "enable"
sam_cwp_failure_string: "<your_own_value>"
sam_cwp_match_string: "<your_own_value>"
sam_cwp_password: "<your_own_value>"
sam_cwp_success_string: "<your_own_value>"
sam_cwp_test_url: "<your_own_value>"
sam_cwp_username: "<your_own_value>"
sam_password: "<your_own_value>"
sam_report_intv: "0"
sam_security_type: "open"
sam_server: "<your_own_value>"
sam_server_fqdn: "<your_own_value>"
sam_server_ip: "<your_own_value>"
sam_server_type: "ip"
sam_ssid: "<your_own_value>"
sam_test: "ping"
sam_username: "<your_own_value>"
set_80211d: "enable"
short_guard_interval: "enable"
spectrum_analysis: "enable"
transmit_optimize: "disable"
vap_all: "tunnel"
vaps:
-
    name: "default_name_395 (source wireless-controller.vap-group.name_
↪system.interface.name)"
    wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
    zero_wait_dfs: "enable"
    split_tunneling_acl:
    -
        dest_ip: "<your_own_value>"
        id: "400"
    split_tunneling_acl_local_ap_subnet: "enable"
    split_tunneling_acl_path: "tunnel"
    syslog_profile: "<your_own_value> (source wireless-controller.syslog-profile.
↪name)"
    tun_mtu_downlink: "0"
    tun_mtu_uplink: "0"
    wan_port_auth: "none"
    wan_port_auth_methods: "all"
    wan_port_auth_password: "<your_own_value>"
    wan_port_auth_usrname: "<your_own_value>"
    wan_port_mode: "wan-lan"

```

## 6.639.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 6.639.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.639.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 6.640 fortios\_wireless\_controller\_wtp\_status – Wireless controller WTP-status in Fortinet's FortiOS and FortiGate.

New in version 2.0.0.

- *Synopsis*
- *Requirements*
- *Tips*
- *FortiOS Version Compatibility*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 6.640.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless\_controller feature and wtp\_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.0

## 6.640.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9

## 6.640.3 Tips

Using member operation to add an element to an existing object.

## 6.640.4 FortiOS Version Compatibility

## 6.640.5 Parameters

## 6.640.6 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 6.640.7 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Wireless controller WTP-status.
  fortios_wireless_controller_wtp_status:
    vdom: "{{ vdom }}"
    wireless_controller_wtp_status:
      wtp_id: "<your_own_value>"
```

## 6.640.8 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



## 6.640.9 Status

- This module is not guaranteed to have a backwards compatible interface.

## 6.640.10 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
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- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



The Modules to build FortiOS monitor API requests to FortiOS appliances.

### 7.1 fortios\_monitor – Ansible Module for FortiOS Monitor API.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

#### 7.1.1 Synopsis

- Request FortiOS appliances to perform specific actions or procedures. This module contain all the FortiOS monitor API.

## 7.1.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection fortinet.fortios >= 2.0.0.

## 7.1.3 Parameters

## 7.1.4 Notes

---

**Note:**

- Different `selector` may have different parameters, users are expected to look up them in the dropdown list above..
  - For some selectors, no `params` are allowed to appear.
  - Not all parameters are required for a selector.
  - This module is exclusively for FortiOS monitor API.
  - The result of API request is stored in `results`.
- 

## 7.1.5 Examples

```
- hosts: fortigate03
  connection: httpapi
  collections:
  - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:

- name: Activate FortiToken
  fortios_monitor:
    vdom: "root"
    access_token: "<fortios_access_token>"
    selector: 'activate.user.fortitoken'
    params:
      tokens: '<token string>'

- name: Reboot This Device
  fortios_monitor:
    vdom: "root"
    access_token: "<fortios_access_token>"
    selector: 'reboot.system.os'
    params:
      event_log_message: 'Reboot Request From Ansible'
```

### 7.1.6 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 7.1.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 7.1.8 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@fshen01)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

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## Facts Gathering Modules

---

The Modules to gather FortiOS facts are invoking GET requests for FortiOS managed objects or procedures.

### 8.1 fortios\_configuration\_fact – Retrieve Facts of FortiOS Configurable Objects.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

#### 8.1.1 Synopsis

- Collects facts from network devices running the fortios operating system. This module places the facts gathered in the fact tree keyed by the respective resource name. This facts module will only collect those facts which user specified in playbook.

## 8.1.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection fortinet.fortios >= 2.0.0.

## 8.1.3 Parameters

## 8.1.4 Notes

---

**Note:**

- Different `selector` may have different parameters, users are expected to look up them for a specific selector.
  - For some selectors, the objects are global, no `params` are allowed to appear.
  - If `params` is empty a non-unique object, the whole object list is returned.
  - This module has support for all configuration API, excluding any monitor API.
  - The result of API request is stored in `results` as a list.
  - There are three filtering parameters: `filters`, `sorters` and `formatters`, please see [filtering spec](#) for more information.
- 

## 8.1.5 Examples

```
- hosts: fortigateslab
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
    vdom: "root"
  tasks:
    - name: Get multiple selectors info concurrently
      fortios_configuration_fact:
        selectors:
          - selector: firewall_address
            params:
              name: "gmail.com"
          - selector: system_interface
          - selector: log_eventfilter
            params: {}

    - name: fact gathering with filters
      fortios_configuration_fact:
        vdom: ""
        filters:
          - name==port1
          - vlanid==0
        sorters:
          - name,vlanid
```

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```

    - management-ip
    formatters:
    - name
    - management-ip
    - vlanid
    selector: 'system_interface'

- name: get all
  fortios_configuration_fact:
    vdom: ""
    access_token: ""
    selector: log_custom-field

- name: get single
  fortios_configuration_fact:
    vdom: ""
    access_token: ""
    selector: log_custom-field
    #optionally list or single get
    params:
      id: "3"

- name: fetch one firewall address
  fortios_configuration_fact:
    selector: firewall_address
    params:
      name: "login.microsoft.com"

- name: fetch all firewall addresses
  fortios_configuration_fact:
    selector: firewall_address

```

### 8.1.6 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 8.1.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 8.1.8 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@fshen01)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 8.2 fortios\_monitor\_fact – Retrieve Facts of FortiOS Monitor Objects.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 8.2.1 Synopsis

- Collects monitor facts from network devices running the fortios operating system. This facts module will only collect those facts which user specified in playbook.

### 8.2.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection fortinet.fortios >= 2.0.0.

### 8.2.3 Parameters

### 8.2.4 Notes

---

**Note:**

- Different `selector` may have different parameters, users are expected to look up them for a specific selector.
  - For some selectors, the objects are global, no `params` are allowed to appear.
  - Not all parameters are required for a selector.
  - This module is exclusively for FortiOS monitor API.
  - The result of API request is stored in `results`.
  - There are three filtering parameters: `filters`, `sorters` and `formatters`, please see [filtering spec](#) for more information.
-

## 8.2.5 Examples

```
- hosts: fortigate03
  connection: httpapi
  collections:
  - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:

  - fortios_monitor_fact:
      vdom: ""
      enable_log: true
      formatters:
        - model_name
      filters:
        - model_name==FortiGat
      selector: 'system_status'

  - name: fact gathering
    fortios_monitor_fact:
      vdom: ""
      access_token: ""
      selector: 'firewall_acl'

  - name: fact gathering
    fortios_monitor_fact:
      vdom: ""
      access_token: ""
      selector: 'firewall_security-policy'
      params:
        policyid: '1'
```

## 8.2.6 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 8.2.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 8.2.8 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@fshen01)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 8.3 fortios\_log\_fact – Retrieve Log Data of Fortios Log Objects.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 8.3.1 Synopsis

- Collects log data from network devices running the fortios operating system. This module will only collect the log data specified in the playbook.

### 8.3.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection fortinet.fortios >= 2.1.0.

### 8.3.3 Parameters

### 8.3.4 Notes

---

**Note:**

- Different `selector` may have different parameters, users are expected to look up them for a specific selector.
  - For some selectors, the objects are global, no `params` are allowed to appear.
  - Not all parameters are required for a selector.
  - This module is exclusively for FortiOS monitor API.
  - The result of API request is stored in `results`.
  - There are three filtering parameters: `filters`, `sorters` and `formatters`, please see [filtering spec](#) for more information.
-

### 8.3.5 Examples

```
- hosts: fortigate03
  connection: httpapi
  collections:
  - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
  - name: Get system event log with logid==0100032038
    fortios_log_fact:
      filters:
        - logid==0100032038
      selector: "disk_event_system"
      params:
        rows: 100

  - name: Get a description of the quarantined virus file
    fortios_log_fact:
      selector: "forticloud_virus_archive"
```

### 8.3.6 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

### 8.3.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 8.3.8 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@fshen01)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



The module gathers FortiOS facts by invoking GET requests for FortiOS managed objects or procedures and converts the returned facts into a playbook that users can apply directly.

### 9.1 fortios\_export\_config\_playbook – Convert the returned facts into a playbook.

New in version 2.11.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

#### 9.1.1 Synopsis

- Collect the current configurations of a module on a running device and converts the returned facts into a playbook that users can apply directly. More than one playbook will be generated if there are many selectors provided.

## 9.1.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection fortinet.fortios >= 2.1.3.

## 9.1.3 Parameters

## 9.1.4 Notes

---

**Note:**

- Different `selector` may have different parameters, users are expected to look up them for a specific selector.
  - For some selectors, the objects are global, no `params` are allowed to appear.
  - If `params` is empty a non-unique object, the whole object list is returned.
  - This module has support for all configuration API, excluding any monitor API.
  - The generated playbooks will be stored at the specified output path.
  - The default value for `state` is `present`, please set the value to `absent` if needed.
- 

## 9.1.5 Examples

```
- hosts: fortigateslab
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
    vdom: "root"
  tasks:
- name: Export multiple playbooks
  fortios_export_config_playbook:
    selectors:
      - selector: firewall_address
        params:
          name: "gmail.com"
      - selector: system.snmp_user
        params:
          name: "snmp_user_test"
    output_path: "./"
```

## 9.1.6 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:



### 9.1.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 9.1.8 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@fshen01)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



The Modules to build flexible raw requests to FortiOS appliances.

### 10.1 fortios\_json\_generic – Configure Fortinet’s FortiOS and FortiGate with json generic method.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Examples*
- *Return Values*
- *Status*
- *Authors*
- *Warning*

#### 10.1.1 Synopsis

This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set any category supported by FortiAPI with raw json. All parameters and values included in examples need to be adjusted to datasources before usage.

## 10.1.2 Requirements

The below requirements are needed on the host that executes this module.

- install galaxy collection `fortinet.fortios >= 2.0.0`

## 10.1.3 Parameters

## 10.1.4 Examples

host

```
[fortigates]
fortigate01 ansible_host=192.168.52.177 ansible_user="admin" ansible_password="admin"

[fortigates:vars]
ansible_network_os=fortios
```

sample1.yml

```
---
- hosts: fortigates
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443

  tasks:
    - name: test add with string
      fortios_json_generic:
        vdom: "{{ vdom }}"
        json_generic:
          method: "POST"
          path: "/api/v2/cmdb/firewall/address"
          jsonbody: |
            {
              "name": "111",
              "type": "geography",
              "fqdn": "",
              "country": "AL",
              "comment": "ccc",
              "visibility": "enable",
              "associated-interface": "port1",
              "allow-routing": "disable"
            }
        register: info

    - name: display vars
      debug: msg="{{ info }}"
```

sample2.yml

```

---
- hosts: fortigates
  connection: httpapi
  collections:
    - fortinet.fortios
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443

  tasks:
    - name: test delete
      fortios_json_generic:
        vdom: "{{ vdom }}"
        json_generic:
          method: "DELETE"
          path: "/api/v2/cmdb/firewall/address/111"
          specialparams: "testpara1=1&testpara2=2"
        register: info

    - name: display vars
      debug: msg="{{ info }}"

    - name: test add with dict
      fortios_json_generic:
        vdom: "{{ vdom }}"
        json_generic:
          method: "POST"
          path: "/api/v2/cmdb/firewall/address"
          dictbody:
            name: "111"
            type: "geography"
            fqdn: ""
            country: "AL"
            comment: "ccc"
            visibility: "enable"
            associated-interface: "port1"
            allow-routing: "disable"
        register: info

    - name: display vars
      debug: msg="{{ info }}"

    - name: test delete
      fortios_json_generic:
        vdom: "{{ vdom }}"
        json_generic:
          method: "DELETE"
          path: "/api/v2/cmdb/firewall/address/111"
        register: info

    - name: display vars
      debug: msg="{{ info }}"

    - name: test add with string
      fortios_json_generic:

```

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```

vdom:  "{{ vdom }}"
json_generic:
  method: "POST"
  path: "/api/v2/cmdb/firewall/address"
  jsonbody: |
    {
      "name": "111",
      "type": "geography",
      "fqdn": "",
      "country": "AL",
      "comment": "ccc",
      "visibility": "enable",
      "associated-interface": "port1",
      "allow-routing": "disable"
    }
  register: info

- name: display vars
  debug: msg="{{info}}"

```

### sample3.yml

```

---
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443

  tasks:
    - name: test firewall policy order modification
      fortios_json_generic:
        vdom:  "{{ vdom }}"
        json_generic:
          method: "PUT"
          path: "/api/v2/cmdb/firewall/policy/1"
          specialparams: "action=move&after=2"
        register: info

    - name: display vars
      debug: msg="{{info}}"

```

## 10.1.5 Return Values

Common return values are documented: [https://docs.ansible.com/ansible/latest/reference\\_appendices/common\\_return\\_values.html#common-return-values](https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values), the following are the fields unique to this module:

## 10.1.6 Status

- This module is ported from <https://github.com/fortinet/ansible-fortios-generic>

### 10.1.7 Authors

- Link Zheng (@chillancezen)
- Jie Xue (@JieX19)
- Frank Shen (@fshen01)
- Hongbin Lu (@fgtdev-hblu)

### 10.1.8 Warning

It's preferred to use `FortiOS Ansible Collection Included Modules` unless some features are not available there.





## 11.1 Release Galaxy 2.2.3

### 11.1.1 Release Targets

FortiOS Galaxy 2.2.3 is based on 2.2.2

### 11.1.2 Bug Fixes

- Fix the login issue (#232);
- Fix the issue that all the params with underscore cannot be set under member operation;
- Fix the output path issue (#227);

### 11.1.3 Improvements

- Update `fortios.py` for higher performance;
- supports temporary session key and pre/post login banner;
- update the examples on how to use member operation in Q&A.
- Add annotations of member operation for every module.

## 11.2 Release Galaxy 2.2.2

### 11.2.1 Release Targets

FortiOS Galaxy 2.2.2 is based on 2.2.1

### 11.2.2 Bug Fixes

- Fix runtime issue (#214);
- Add required field for module log\_fact;
- Fix sanity test errors in validate-modules test;

## 11.3 Release Galaxy 2.2.1

### 11.3.1 Release Targets

FortiOS Galaxy 2.2.1 is based on 2.2.0

### 11.3.2 Bug Fixes

- Fix invalid arguments in version\_schemas;
- Fix list type arguments inconsistency;
- Fix validate-modules error: type not match and name not validate;
- Fix supports\_check\_mode issue for \_info and \_facts modules;

### 11.3.3 Improvements

- Remove ignore-x.txt files;
- Update required ansible to >=2.9.10;

## 11.4 Release Galaxy 2.2.0

### 11.4.1 Release Targets

FortiOS Galaxy 2.2.0 is based on 2.1.7

### 11.4.2 Features

- Support FortiOS v7.0.6, v7.0.7, v7.0.8, v7.2.1, v7.2.2.

### 11.4.3 Bug Fixes

- Fix issue of missing some options for monitor modules (#196);
- Fix issue of filter content could not contain spaces (#208);
- Fix list type not match issue;

### 11.4.4 New modules

- `fortios_extension_controller_dataplan` - FortiExtender dataplan configuration in Fortinet's FortiOS and FortiGate;
- `fortios_extension_controller_extender_profile` - FortiExtender extender profile configuration in Fortinet's FortiOS and FortiGate;
- `fortios_extension_controller_extender` - Extender controller configuration in Fortinet's FortiOS and FortiGate.
- `fortios_extension_controller_fortigate_profile` - FortiGate connector profile configuration in Fortinet's FortiOS and FortiGate.
- `fortios_extension_controller_fortigate` - FortiGate controller configuration in Fortinet's FortiOS and FortiGate.
- `fortios_firewall_global` - Global firewall settings in Fortinet's FortiOS and FortiGate.
- `fortios_firewall_network_service_dynamic` - Configure Dynamic Network Services in Fortinet's FortiOS and FortiGate.

### 11.4.5 Improvements

- Update arguments' value in example;
- Update document to reflect accurate version map;

## 11.5 Release Galaxy 2.1.7

### 11.5.1 Release Targets

FortiOS Galaxy 2.1.7 is based on 2.1.6

### 11.5.2 Features

- Support Fortios 7.2.0.
- Support Diff feature in `check_mode`.

### 11.5.3 Bug Fixes

- Fix typo in the documentation of `Install FortiOS Galaxy Collection`.
- Fix the error message in the debugging log when using `access_token`.

- Fix the Github Issue #187.
- Fix the Github Issue #188 and #189.
- Fix the Github Issue #190.
- Fix the Github Issue #191.
- Fix the issue when filtering out parameter with space in the module `fortios_configuration_fact`.

## **11.6 Release Galaxy 2.1.6**

### **11.6.1 Release Targets**

FortiOS Galaxy 2.1.6 is based on 2.1.5

### **11.6.2 Bug Fixes**

- Fix import issues in sanity-test and improve unit tests.
- Fix parameter-list-no-elements error in sanity-test.
- Add default value for `enable_log` param.
- Relicense the FortiOS Collection under GPLv3+.
- Fix syntax issue in python2.7.
- Use collection version number in the doc.
- Update the logic in `check_legacy_fortiosapi`.
- Fix the syntax error in the three `wireless_controller_hotspot20` modules.

## **11.7 Release Galaxy 2.1.5**

### **11.7.1 Release Targets**

FortiOS Galaxy 2.1.5 is based on 2.1.4

### **11.7.2 Features**

- Support FortiOS 7.0.2, 7.0.3, 7.0.4, 7.0.5.

### **11.7.3 Bug Fixes**

- Fix status issue in `fortios_json_generic()`.
- Fix issues in version mismatch logic.
- Fix the issue of inconsistent data types in different schemas.

## 11.8 Release Galaxy 2.1.4

### 11.8.1 Release Targets

FortiOS Galaxy 2.1.4 is based on 2.1.3

### 11.8.2 Bug Fixes

- Fix bugs in the function of `compare_ip_address` on `check_mode`.
- Fix bugs when adding new members in some modules.

## 11.9 Release Galaxy 2.1.3

### 11.9.1 Release Targets

FortiOS Galaxy 2.1.3 is based on 2.1.2

### 11.9.2 Features

- Collect the current configurations of the modules and convert them into playbooks.
- Support member operation (delete/add extra members) on an object that has a list of members in it.
- Add real-world use cases in the example section for some configuration modules.
- Support selectors feature in `fortios_monitor_fact` and `fortios_log_fact`.
- Support FortiOS 7.0.1.

### 11.9.3 Bug Fixes

- Fix the filters error when fetching multiple facts with selectors for a configuration module (Github issue #138 ).
- Fix the corner cases that response does not have status in it.
- Fix Github issue #134

## 11.10 Release Galaxy 2.1.2

### 11.10.1 Release Targets

FortiOS Galaxy 2.1.2 is based on 2.1.1

### 11.10.2 Bug Fixes

- Fix a regression bug caused by non-required attributes.
- Fix an intentional exception for listed options.

## 11.11 Release Galaxy 2.1.1

### 11.11.1 Release Targets

FortiOS Galaxy 2.1.1 is based on 2.1.0

### 11.11.2 Bug Fixes

- Fix the KeyError caused by non-required multi-value attributes in an object.

## 11.12 Release Galaxy 2.1.0

### 11.12.1 Release Targets

FortiOS Galaxy 2.1.0 is based on 2.0.2

### 11.12.2 Features

- Support Fortios 7.0.
- Support Log APIs.
- New module fortios\_monitor\_fact.

### 11.12.3 Bug Fixes

- Fix the unexpected warning caused by optional params in `fortios_monitor_fact` and `fortios_monitor`.
- Disable `check_mode` feature from all global objects of configuration modules due to 'state' issue.
- Fix a bug in `IP_PREFIX.match()`.
- Fix the issue that the `server_type` is not updated in `fortios_system_central_management`.

## 11.13 Release Galaxy 2.0.2

### 11.13.1 Release Targets

FortiOS Galaxy 2.0.2 is based on 2.0.1

### 11.13.2 Features

- Support `check_mode` in all configurationAPI-based modules.
- Improve `fortios_configuration_fact` to use multiple selectors concurrently.
- Support moving policy in `firewall_central_snat_map`.

- Support filtering for fact gathering modules `fortios_configuration_fact` and `fortios_monitor_fact`.
- Unify schemas for monitor API.

### 11.13.3 Bug Fixes

- Fix the authorization fails at log in with username and password in FOS7.0.
- Github Issue #103
- Github Issue #105

## 11.14 Release Galaxy 2.0.1

### 11.14.1 Release Targets

FortiOS Galaxy is based on 2.0.0.

### 11.14.2 Features

- fixed `pylint` minor errors.

## 11.15 Release Galaxy 2.0.0

### 11.15.1 Release Targets

FortiOS Galaxy 2.0.0 is a major ansible release for all v6.x.x FOS virtual and hardware platforms.

### 11.15.2 Features

- Full support for gathering facts of both configuration(`fortios_configuration_fact`) and monitor(`fortios_monitor_fact`) objects or runtime data.
- Support for requesting Monitor API via module `fortios_monitor`.
- Ported FortiOS generic module: `fortios_json_generic`.
- Unified collections for all 6.x FOS releases, Ansible detects versioning mismatch at runtime.
- Explicit logging option: `enable_log`.
- Deprecated second-layer `state` module parameter.

### 11.15.3 Compatibility Notes

As a major release, it semantically breaks backward compability, some modules are removed as new full-fledged replacements come into being.

- For deprecated modules, please find the alternatives in **Deprecated Modules** section.
- Other existing modules are kepted compatible.

### 11.15.4 Deprecatd Modules

- `fortios_facts`: find full selectors in modules `fortios_configuration_fact` and `fortios_monitor_fact`.
  - `fortios_registration_forticare`: replaced by module `fortios_monitor`, see selector `add-license.registration.forticare`.
  - `fortios_registration_vdom`: replaced by module `fortios_monitor`, see selector `add-license.registration.vdom`.
  - `fortios_system_vmlicense`: replaced by module `fortios_monitor`, see selector `upload.system.vmlicense`.
  - **`fortios_system_config_backup_restore`: it was a complexed module.**
    - To backup the FOS system, use module `fortios_monitor_fact` and its selector `system_config_backup`.
    - To restore the configuration, use module `fortios_monitor` and its selector `restore.system.config`.
- 

## 11.16 Legacy Multiversions Note(Prior to 2.0.0)

The FortiOS Galaxy namespace: `fortinet.fortios` hosts Ansible modules for multiple FortiOS major releases.

A mismatched Ansible collection version for a FortiOS device can cause a warning:

```
[WARNING]: Ansible has detected version mismatch between FortOS system and galaxy, ↵  
↪see more details by specifying option -vvv
```

you can find more details with `-vvv` option when running a playbook:

```
...  
"version_check_warning": {  
  "ansible_collection_version": "v6.0.0 (galaxy: 1.0.13)",  
  "matched": false,  
  "message": "Please follow steps in FortiOS versioning notes: https://ansible-  
↪galaxy-fortios-docs.readthedocs.io/en/latest/version.html",  
  "system_version": "v6.2.0"  
}  
...
```

Simply installing a matched FortiOS collection can prevent potential compatibility issues.

## 11.17 Release Galaxy 1.1.9

### 11.17.1 Release Targets

- `fos_v6.0.0/galaxy_1.1.9`



### 11.17.2 Bug Fixes

- Fix legacy module `fortios_system_config_backup_restore`

## 11.18 Release Galaxy 1.1.6 ... 1.1.8

### 11.18.1 Release Targets

There are multiple Galaxy releases dedicated to different FortiOS major releases.

- `fos_v6.2.0/galaxy_1.1.6`
- `fos_v6.4.0/galaxy_1.1.7`
- `fos_v6.0.0/galaxy_1.1.8`

### 11.18.2 Bug Fixes

- Fixed module construction for legacy module `fortios_facts`.
- Sorted selector list of module `fortios_configuration_fact`.

## 11.19 Release Galaxy 1.1.3 ... 1.1.5

### 11.19.1 Release Targets

There are multiple Galaxy releases dedicated to different FortiOS major releases.

- `fos_v6.2.0/galaxy_1.1.3`
- `fos_v6.4.0/galaxy_1.1.4`
- `fos_v6.0.0/galaxy_1.1.5`

### 11.19.2 Bug Fixes

- Fixed a fatal error: `mkey` not recognized in plugin due to wrong naming convention.

## 11.20 Release Galaxy 1.1.0 ... 1.1.2

### 11.20.1 Release Targets

There are multiple Galaxy releases dedicated to different FortiOS major releases.

- `fos_v6.2.0/galaxy_1.1.0`
- `fos_v6.4.0/galaxy_1.1.1`
- `fos_v6.0.0/galaxy_1.1.2`

## 11.20.2 Features

- Support check mode for modules.
- Deprecate `fortiosapi` legacy connection mode.
- Support access token based authentication.
- Fully support fact gathering for all configuration API (`fortios_configuration_fact`).
- Support Ansible 2.10 base framework.
- Support moving objects to different orders (`fortios_firewall_policy`).

## 11.20.3 Bug Fixes

- Github Issue #65

## 11.21 Release Galaxy 1.0.10 ... 10.0.13

### 11.21.1 Release Targets

There are multiple Galaxy releases dedicated to different FortiOS major releases.

- `fos_v6.0.0/galaxy_1.0.13`
- `fos_v6.0.5/galaxy_1.0.12`
- `fos_v6.4.0/galaxy_1.0.11`
- `fos_v6.2.0/galaxy_1.0.10`

### 11.21.2 New Modules

#	Module Name	New in 6.2	New in 6.4
1	<code>fortios_cifs_domain_controller</code>	yes	yes
2	<code>fortios_cifs_profile</code>	yes	yes
3	<code>fortios_dlp_sensitivity</code>	yes	yes
4	<code>fortios_emailfilter_bwl</code>	yes	yes
5	<code>fortios_emailfilter_bword</code>	yes	yes
6	<code>fortios_emailfilter_dnsbl</code>	yes	yes
7	<code>fortios_emailfilter_fortishield</code>	yes	yes
8	<code>fortios_emailfilter_iptrust</code>	yes	yes
9	<code>fortios_emailfilter_mheader</code>	yes	yes
10	<code>fortios_emailfilter_options</code>	yes	yes
11	<code>fortios_emailfilter_profile</code>	yes	yes
12	<code>fortios_endpoint_control_fctems</code>	yes	yes
13	<code>fortios_firewall_consolidated_policy</code>	yes	yes
14	<code>fortios_firewall_internet_service_addition</code>	yes	yes
15	<code>fortios_firewall_internet_service_cat_definition</code>	yes	no

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
16	fortios_firewall_internet_service_definition	yes	yes
17	fortios_firewall_internet_service_extension	yes	yes
18	fortios_log_fortianalyzer2_override_filter	yes	yes
19	fortios_log_fortianalyzer2_override_setting	yes	yes
20	fortios_log_fortianalyzer3_override_filter	yes	yes
21	fortios_log_fortianalyzer3_override_setting	yes	yes
22	fortios_log_fortianalyzer_cloud_filter	yes	yes
23	fortios_log_fortianalyzer_cloud_override_filter	yes	yes
24	fortios_log_fortianalyzer_cloud_override_setting	yes	yes
25	fortios_log_fortianalyzer_cloud_setting	yes	yes
26	fortios_log_syslogd2_override_filter	yes	yes
27	fortios_log_syslogd2_override_setting	yes	yes
28	fortios_log_syslogd3_override_filter	yes	yes
29	fortios_log_syslogd3_override_setting	yes	yes
30	fortios_log_syslogd4_override_filter	yes	yes
31	fortios_log_syslogd4_override_setting	yes	yes
32	fortios_switch_controller_auto_config_custom	yes	yes
33	fortios_switch_controller_auto_config_default	yes	yes
34	fortios_switch_controller_auto_config_policy	yes	yes
35	fortios_switch_controller_flow_tracking	yes	yes
36	fortios_switch_controller_location	yes	yes
37	fortios_switch_controller_security_policy_local_access	yes	yes
38	fortios_switch_controller_storm_control_policy	yes	yes
39	fortios_switch_controller_stp_instance	yes	yes
40	fortios_switch_controller_traffic_policy	yes	yes
41	fortios_switch_controller_traffic_sniffer	yes	yes
42	fortios_system_ipsec_aggregate	yes	yes
43	fortios_system_lldp_network_policy	yes	yes
44	fortios_system_nd_proxy	yes	yes
45	fortios_system_npu	yes	yes
46	fortios_system_ptp	yes	yes
47	fortios_system_saml	yes	yes
48	fortios_system_speed_test_server	yes	yes
49	fortios_system_sso_admin	yes	yes
50	fortios_user_exchange	yes	yes
51	fortios_wireless_controller_address	yes	yes
52	fortios_wireless_controller_addrgrp	yes	yes
53	fortios_wireless_controller_log	yes	yes
54	fortios_wireless_controller_region	yes	yes
55	fortios_wireless_controller_snmp	yes	yes
56	fortios_certificate_remote	no	yes
57	fortios_credential_store_domain_controller	no	yes
58	fortios_dpdk_cpus	no	yes
59	fortios_dpdk_global	no	yes
60	fortios_extender_modem_status	no	yes
61	fortios_extender_sys_info	no	yes
62	fortios_firewall_city	no	yes
63	fortios_firewall_country	no	yes
64	fortios_firewall_decrypted_traffic_mirror	no	yes

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
65	fortios_firewall_internet_service_botnet	no	yes
66	fortios_firewall_internet_service_ipbl_reason	no	yes
67	fortios_firewall_internet_service_ipbl_vendor	no	yes
68	fortios_firewall_internet_service_list	no	yes
69	fortios_firewall_internet_service_name	no	yes
70	fortios_firewall_internet_service_owner	no	yes
71	fortios_firewall_internet_service_reputation	no	yes
72	fortios_firewall_internet_service_sld	no	yes
73	fortios_firewall_iprope_list	no	yes
74	fortios_firewall_proute	no	yes
75	fortios_firewall_region	no	yes
76	fortios_firewall_security_policy	no	yes
77	fortios_firewall_traffic_class	no	yes
78	fortios_firewall_vendor_mac	no	yes
79	fortios_hardware_nic	no	yes
80	fortios_ips_view_map	no	yes
81	fortios_switch_controller_initial_config_template	no	yes
82	fortios_switch_controller_initial_config_vlans	no	yes
83	fortios_switch_controller_mac_policy	no	yes
84	fortios_switch_controller_nac_device	no	yes
85	fortios_switch_controller_nac_settings	no	yes
86	fortios_switch_controller_poe	no	yes
87	fortios_switch_controller_port_policy	no	yes
88	fortios_switch_controller_remote_log	no	yes
89	fortios_switch_controller_snmp_community	no	yes
90	fortios_switch_controller_snmp_sysinfo	no	yes
91	fortios_switch_controller_snmp_trap_threshold	no	yes
92	fortios_switch_controller_snmp_user	no	yes
93	fortios_switch_controller_vlan_policy	no	yes
94	fortios_system_geneve	no	yes
95	fortios_system_geoip_country	no	yes
96	fortios_system_performance_top	no	yes
97	fortios_system_standalone_cluster	no	yes
98	fortios_test_acd	no	yes
99	fortios_test_acid	no	yes
100	fortios_test_autod	no	yes
101	fortios_test_awsd	no	yes
102	fortios_test_azd	no	yes
103	fortios_test_bfd	no	yes
104	fortios_test_csfd	no	yes
105	fortios_test_ddnsd	no	yes
106	fortios_test_dhcp6c	no	yes
107	fortios_test_dhcp6r	no	yes
108	fortios_test_dhcprelay	no	yes
109	fortios_test_dlpfingerprint	no	yes
110	fortios_test_dlpfpocache	no	yes
111	fortios_test_dnsproxy	no	yes
112	fortios_test_dsd	no	yes
113	fortios_test_fas	no	yes

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
114	fortios_test_fcnacd	no	yes
115	fortios_test_fnbamd	no	yes
116	fortios_test_forticldd	no	yes
117	fortios_test_forticron	no	yes
118	fortios_test_fsd	no	yes
119	fortios_test_fsvrd	no	yes
120	fortios_test_ftpd	no	yes
121	fortios_test_gcpd	no	yes
122	fortios_test_harelay	no	yes
123	fortios_test_hasync	no	yes
124	fortios_test_hataalk	no	yes
125	fortios_test_imap	no	yes
126	fortios_test_info_sslvpnd	no	yes
127	fortios_test_init	no	yes
128	fortios_test_iotd	no	yes
129	fortios_test_ipamd	no	yes
130	fortios_test_ipldbdb	no	yes
131	fortios_test_ipsengine	no	yes
132	fortios_test_ipsmonitor	no	yes
133	fortios_test_ipsufd	no	yes
134	fortios_test_kubed	no	yes
135	fortios_test_l2tpcd	no	yes
136	fortios_test_lnkmtcd	no	yes
137	fortios_test_lted	no	yes
138	fortios_test_miglogd	no	yes
139	fortios_test_mrd	no	yes
140	fortios_test_netxd	no	yes
141	fortios_test_nntp	no	yes
142	fortios_test_ocid	no	yes
143	fortios_test_openstackd	no	yes
144	fortios_test_ovrd	no	yes
145	fortios_test_pop3	no	yes
146	fortios_test_pptpcd	no	yes
147	fortios_test_quarantined	no	yes
148	fortios_test_radius_das	no	yes
149	fortios_test_radiusd	no	yes
150	fortios_test_radvd	no	yes
151	fortios_test_reportd	no	yes
152	fortios_test_sdncd	no	yes
153	fortios_test_sepmd	no	yes
154	fortios_test_sessionsync	no	yes
155	fortios_test_sflowd	no	yes
156	fortios_test_smtp	no	yes
157	fortios_test_snmpd	no	yes
158	fortios_test_uploadd	no	yes
159	fortios_test_urlfilter	no	yes
160	fortios_test_vmwd	no	yes
161	fortios_test_wad	no	yes
162	fortios_test_wccpd	no	yes

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
163	fortios_test_wf_monitor	no	yes
164	fortios_test_zebos_launcher	no	yes
165	fortios_user_nac_policy	no	yes
166	fortios_user_saml	no	yes
167	fortios_vpn_ike_gateway	no	yes
168	fortios_webfilter_status	no	yes
169	fortios_wireless_controller_access_control_list	no	yes
170	fortios_wireless_controller_apcfg_profile	no	yes
171	fortios_wireless_controller_client_info	no	yes
172	fortios_wireless_controller_rf_analysis	no	yes
173	fortios_wireless_controller_spectral_info	no	yes
174	fortios_wireless_controller_status	no	yes
175	fortios_wireless_controller_vap_status	no	yes
176	fortios_wireless_controller_wag_profile	no	yes
177	fortios_wireless_controller_wtp_status	no	yes

### 11.21.3 Features

- Support special identifier validation and restoration in Ansible modules.
- Support more valid identifiers: 3gpp\_plmn, 802\_1X\_settings, 802.1\_tlvs and 802.3\_tlvs.
- Support revision\_change in response since fortigate 6.2.3.
- Support Underscore to hyphen conversion.
- Support licence modules: fortios\_system\_vmlicense, fortios\_registration\_forticare and fortios\_registration\_vdom.
- Support raw json encoding for generic module.

### 11.21.4 Bug Fixes

- Fix fgd\_alert\_subscription multiple choices problem for module fortios\_system\_global.
- Fix proposal exceptional multilist for module fortios\_vpn\_ipsec\_phase2\_interface.
- Fix issue #26 of ansible\_fgt\_modules.
- Fix issue #24 of ansible\_fgt\_modules.
- Fix events exceptional multilist for module fortios\_system\_snmp\_community.
- Fix py2/py3 compability issue for httpapi plugin fortios.
- Fix the mkey encoding in fortios api URL.
- Fix banned\_cipher exceptional multilist for module fortios\_vpn\_ssl\_settings.