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# **Ansible Galaxy FortiOS Collection**

***Release 1.0***

**Jun 22, 2020**



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## FortiOS/Galaxy Version Mapping Guide

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



# CHAPTER 1

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## FortiOS Galaxy Versioning

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The [FortiOS galaxy collection](#) is accommodating for all major FortiOS releases. Please choose the right Galaxy collection to install from the following table in case of any compatibility issues.

FOS version	Galaxy Version	Release date	Path to Install
6.0.0	1.0.9	2020/5/6	<code>ansible-galaxy collection install fortinet.fortios:1.0.9</code>
6.0.0	1.0.13 latest	2020/5/26	<code>ansible-galaxy collection install fortinet.fortios:1.0.13</code>
6.0.5	1.0.6	2019/12/9	<code>ansible-galaxy collection install fortinet.fortios:1.0.6</code>
6.0.5	1.0.7	2020/2/23	<code>ansible-galaxy collection install fortinet.fortios:1.0.7</code>
6.0.5	1.0.8	2020/5/6	<code>ansible-galaxy collection install fortinet.fortios:1.0.8</code>
6.0.5	1.0.12 latest	2020/5/26	<code>ansible-galaxy collection install fortinet.fortios:1.0.12</code>
6.2.0	1.0.10 latest	2020/5/6	<code>ansible-galaxy collection install fortinet.fortios:1.0.10</code>
6.4.0	1.0.11 latest	2020/5/11	<code>ansible-galaxy collection install fortinet.fortios:1.0.11</code>

**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 [versioning 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"
fortigate01 ansible_host=192.168.190.131 ansible_user="admin" ansible_password=
↪ "password"

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

### 3.2 Write the playbook

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

```
- hosts: fortigates
  connection: httpapi
  collections:
    - fortinet.fortios
  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:
        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: module `fortios_system_vmlicense` allows you to upload the licence with http, in this case, you should set `ansible_httpapi_use_ssl: no` and `ansible_httpapi_port: 80`
- Don't specify host, username, password, https or ssl\_verify under second level options(`fortios_system_global` in the above example)

### 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`.

### 4.1 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](#)

### 4.2 Filing issues.

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



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

New in version 2.9.

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

#### 5.1.1 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 v6.0.5

#### 5.1.2 Requirements

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

- ansible>=2.9.0

### 5.1.3 Parameters

### 5.1.4 Notes

---

**Note:**

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

### 5.1.5 Examples

```
- hosts: fortigates
collections:
  - 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: "4"
      amc_interface_bypass_mode: "enable"
      antivirus_logs: "enable"
      configuration_changes_logs: "enable"
      critical_interval: "8"
      debug_interval: "9"
      email_interval: "10"
      emergency_interval: "11"
      error_interval: "12"
      FDS_license_expiring_days: "13"
      FDS_license_expiring_warning: "enable"
      FDS_update_logs: "enable"
      filter_mode: "category"
      FIPS_CC_errors: "enable"
      firewall_authentication_failure_logs: "enable"
      fortiguard_log_quota_warning: "enable"
      FSSO_disconnect_logs: "enable"
      HA_logs: "enable"
      information_interval: "22"
      IPS_logs: "enable"
      IPsec_errors_logs: "enable"
      local_disk_usage: "25"
      log_disk_usage_warning: "enable"
      mailto1: "<your_own_value>"
      mailto2: "<your_own_value>"
      mailto3: "<your_own_value>"
```

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```

notification_interval: "30"
PPP_errors_logs: "enable"
severity: "emergency"
ssh_logs: "enable"
sslvpn_authentication_errors_logs: "enable"
username: "<your_own_value>"
violation_traffic_logs: "enable"
warning_interval: "37"
webfilter_logs: "enable"

```

### 5.1.6 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:

### 5.1.7 Status

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

### 5.1.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.2 fortios\_antivirus\_heuristic – Configure global heuristic options in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

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

## 5.2.1 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 v6.0.5

## 5.2.2 Requirements

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

- ansible>=2.9.0

## 5.2.3 Parameters

## 5.2.4 Notes

---

### Note:

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

## 5.2.5 Examples

```
- hosts: fortigates
collections:
  - 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"
```

## 5.2.6 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:

### 5.2.7 Status

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

### 5.2.8 Authors

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

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

New in version 2.8.

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

### 5.3.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.3.2 Requirements

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

- ansible>=2.9.0

### 5.3.3 Parameters

### 5.3.4 Notes

---

**Note:**

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

### 5.3.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    antivirus_profile:
      analytics_bl_filetype: "3 (source dlp.filepattern.id)"
      analytics_db: "disable"
      analytics_max_upload: "5"
      analytics_wl_filetype: "6 (source dlp.filepattern.id)"
      av_block_log: "enable"
      av_virus_log: "enable"
      comment: "Comment."
      content_disarm:
        cover_page: "disable"
        detect_only: "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"
        pdf_hyperlink: "disable"
        pdf_javacode: "disable"
      extended_log: "enable"
      ftgd_analytics: "disable"
    ftp:
      archive_block: "encrypted"
      archive_log: "encrypted"
```

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```

    emulator: "enable"
    options: "scan"
    outbreak_prevention: "disabled"
http:
    archive_block: "encrypted"
    archive_log: "encrypted"
    content_disarm: "disable"
    emulator: "enable"
    options: "scan"
    outbreak_prevention: "disabled"
imap:
    archive_block: "encrypted"
    archive_log: "encrypted"
    content_disarm: "disable"
    emulator: "enable"
    executables: "default"
    options: "scan"
    outbreak_prevention: "disabled"
inspection_mode: "proxy"
mapi:
    archive_block: "encrypted"
    archive_log: "encrypted"
    emulator: "enable"
    executables: "default"
    options: "scan"
    outbreak_prevention: "disabled"
mobile_malware_db: "disable"
nac_quar:
    expiry: "<your_own_value>"
    infected: "none"
    log: "enable"
name: "default_name_63"
nntp:
    archive_block: "encrypted"
    archive_log: "encrypted"
    emulator: "enable"
    options: "scan"
    outbreak_prevention: "disabled"
pop3:
    archive_block: "encrypted"
    archive_log: "encrypted"
    content_disarm: "disable"
    emulator: "enable"
    executables: "default"
    options: "scan"
    outbreak_prevention: "disabled"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name) "
scan_mode: "quick"
smb:
    archive_block: "encrypted"
    archive_log: "encrypted"
    emulator: "enable"
    options: "scan"
    outbreak_prevention: "disabled"
smtp:
    archive_block: "encrypted"
    archive_log: "encrypted"

```

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```
content_disarm: "disable"  
emulator: "enable"  
executables: "default"  
options: "scan"  
outbreak_prevention: "disabled"
```

### 5.3.6 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:

### 5.3.7 Status

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

### 5.3.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.4 fortios\_antivirus\_quarantine – Configure quarantine options in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.4.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and quarantine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.4.2 Requirements

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

- ansible>=2.9.0

### 5.4.3 Parameters

### 5.4.4 Notes

---

**Note:**

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

### 5.4.5 Examples

```
- hosts: fortigates
collections:
  - 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: "3"
      destination: "NULL"
      drop_blocked: "imap"
      drop_heuristic: "imap"
      drop_infected: "imap"
      lowspace: "drop-new"
      maxfilesize: "9"
      quarantine_quota: "10"
      store_blocked: "imap"
      store_heuristic: "imap"
      store_infected: "imap"
```

### 5.4.6 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:

### 5.4.7 Status

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

### 5.4.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.5 fortios\_antivirus\_settings – Configure AntiVirus settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.5.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify antivirus feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5



## 5.5.2 Requirements

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

- ansible>=2.9.0

## 5.5.3 Parameters

## 5.5.4 Notes

---

**Note:**

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

## 5.5.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      default_db: "normal"
      grayware: "enable"
      override_timeout: "5"
```

## 5.5.6 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:

## 5.5.7 Status

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

## 5.5.8 Authors

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

- Jie Xue (@JieX19)
- 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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## 5.6 fortios\_application\_custom – Configure custom application signatures in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.6.1 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 v6.0.5

### 5.6.2 Requirements

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

- ansible>=2.9.0

### 5.6.3 Parameters

### 5.6.4 Notes

---

**Note:**

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

## 5.6.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    application_custom:
      behavior: "<your_own_value>"
      category: "4"
      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>"
```

## 5.6.6 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:

## 5.6.7 Status

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

## 5.6.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.7 fortios\_application\_group – Configure firewall application groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.7.1 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 v6.0.5

### 5.7.2 Requirements

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

- ansible>=2.9.0

### 5.7.3 Parameters

### 5.7.4 Notes

---

**Note:**

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

### 5.7.5 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 firewall application groups.
  fortios_application_group:
    vdom: "{{ vdom }}"
    state: "present"
    application_group:
      application:
        -
          id: "4"
          category:
            -
              id: "6"
              comment: "Comment"
              name: "default_name_8"
              type: "application"

```

### 5.7.6 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:

### 5.7.7 Status

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

### 5.7.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.8 fortios\_application\_list – Configure application control lists in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.8.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.8.2 Requirements

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

- ansible>=2.9.0

### 5.8.3 Parameters

### 5.8.4 Notes

---

**Note:**

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

### 5.8.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
state: "present"
application_list:
  app_replacemsg: "disable"
  comment: "comments"
  deep_app_inspection: "disable"
  entries:
    -
      action: "pass"
      application:
        -
          id: "9"
          behavior: "<your_own_value>"
          category:
            -
              id: "12"
            id: "13"
            log: "disable"
            log_packet: "disable"
            parameters:
              -
                id: "17"
                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: "25"
            rate_duration: "26"
            rate_mode: "periodical"
            rate_track: "none"
            risk:
              -
                level: "30"
                session_ttl: "31"
                shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name) "
                shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-shaper.
↪name) "
                sub_category:
                  -
                    id: "35"
                    technology: "<your_own_value>"
                    vendor: "<your_own_value>"
            extended_log: "enable"
            name: "default_name_39"
            options: "allow-dns"
            other_application_action: "pass"
            other_application_log: "disable"
            p2p_black_list: "skype"
            replacemsg_group: "<your_own_value> (source system.replacemsg-group.name) "
            unknown_application_action: "pass"
            unknown_application_log: "disable"

```

## 5.8.6 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:

## 5.8.7 Status

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

## 5.8.8 Authors

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

---

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

---

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

New in version 2.8.

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

## 5.9.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5



## 5.9.2 Requirements

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

- ansible>=2.9.0

## 5.9.3 Parameters

## 5.9.4 Notes

### Note:

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

## 5.9.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    state: "present"
    application_name:
      behavior: "<your_own_value>"
      category: "4"
      id: "5"
      metadata:
        -
          id: "7"
          metaid: "8"
          valueid: "9"
      name: "default_name_10"
      parameter: "<your_own_value>"
      popularity: "12"
      protocol: "<your_own_value>"
      risk: "14"
      sub_category: "15"
      technology: "<your_own_value>"
      vendor: "<your_own_value>"
      weight: "18"
```

## 5.9.6 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:

## 5.9.7 Status

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

## 5.9.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.10.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify application feature and rule\_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.10.2 Requirements

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

- ansible>=2.9.0

### 5.10.3 Parameters

### 5.10.4 Notes

---

**Note:**

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

### 5.10.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    application_rule_settings:
      id: "3"
```

### 5.10.6 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:

### 5.10.7 Status

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

### 5.10.8 Authors

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

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

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

---

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

New in version 2.8.

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

### 5.11.1 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 v6.0.5

### 5.11.2 Requirements

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

- ansible>=2.9.0

### 5.11.3 Parameters

### 5.11.4 Notes

---

**Note:**

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

### 5.11.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    authentication_rule:
      active_auth_method: "<your_own_value> (source authentication.scheme.name)"
      comments: "<your_own_value>"
      ip_based: "enable"
      name: "default_name_6"
      protocol: "http"
      srcaddr:
        -
          name: "default_name_9 (source firewall.address.name firewall.addrgrp.name_
↪ firewall.proxy-address.name firewall.proxy-addrgrp.name)"
          srcaddr6:
            -
              name: "default_name_11 (source firewall.address6.name firewall.addrgrp6.
↪ name)"
      sso_auth_method: "<your_own_value> (source authentication.scheme.name)"
      status: "enable"
      transaction_based: "enable"
      web_auth_cookie: "enable"
```

### 5.11.6 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:

### 5.11.7 Status

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

### 5.11.8 Authors

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

- Nicolas Thomas (@thomnico)

---

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

---

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

New in version 2.8.

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

### 5.12.1 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 v6.0.5

### 5.12.2 Requirements

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

- ansible>=2.9.0

### 5.12.3 Parameters

### 5.12.4 Notes

---

**Note:**

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

### 5.12.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    authentication_scheme:
      domain_controller: "<your_own_value> (source user.domain-controller.name)"
      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_8"
      negotiate_ntlm: "enable"
      require_tfa: "enable"
      ssh_ca: "<your_own_value> (source firewall.ssh.local-ca.name)"
      user_database:
        -
          name: "default_name_13 (source system.datasourcesource.name user.radius.name_
↵user.tacacs+.name user.ldap.name user.group.name)"
```

### 5.12.6 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:

### 5.12.7 Status

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

### 5.12.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.13.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify authentication feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.13.2 Requirements

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

- ansible>=2.9.0

### 5.13.3 Parameters

### 5.13.4 Notes

---

**Note:**

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



### 5.13.5 Examples

```
- hosts: fortigates
collections:
  - 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) "
      captive_portal: "<your_own_value> (source firewall.address.name) "
      captive_portal_ip: "<your_own_value>"
      captive_portal_ip6: "<your_own_value>"
      captive_portal_port: "7"
      captive_portal_type: "fqdn"
      captive_portal6: "<your_own_value> (source firewall.address6.name) "
      sso_auth_scheme: "<your_own_value> (source authentication.scheme.name) "
```

### 5.13.6 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:

### 5.13.7 Status

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

### 5.13.8 Authors

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

---

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

---

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

New in version 2.9.

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

### 5.14.1 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 v6.0.5

### 5.14.2 Requirements

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

- ansible>=2.9.0

### 5.14.3 Parameters

### 5.14.4 Notes

---

**Note:**

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

### 5.14.5 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: CA certificate.
  fortios_certificate_ca:
    vdom: "{{ vdom }}"
    state: "present"
    certificate_ca:
      auto_update_days: "3"
      auto_update_days_warning: "4"
      ca: "<your_own_value>"
      last_updated: "6"
      name: "default_name_7"
      range: "global"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      trusted: "enable"

```

### 5.14.6 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:

### 5.14.7 Status

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

### 5.14.8 Authors

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

---

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

---

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

New in version 2.9.

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

### 5.15.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify certificate feature and crt category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.15.2 Requirements

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

- ansible>=2.9.0

### 5.15.3 Parameters

### 5.15.4 Notes

---

#### Note:

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

### 5.15.5 Examples

```
- hosts: fortigates
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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
certificate_crl:
  crl: "<your_own_value>"
  http_url: "<your_own_value>"
  last_updated: "5"
  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: "15"
  update_vdom: "<your_own_value> (source system.vdom.name)"

```

### 5.15.6 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:

### 5.15.7 Status

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

### 5.15.8 Authors

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

---

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

---

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

New in version 2.9.

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

### 5.16.1 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 v6.0.5

### 5.16.2 Requirements

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

- ansible>=2.9.0

### 5.16.3 Parameters

### 5.16.4 Notes

---

#### Note:

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

### 5.16.5 Examples

```
- hosts: fortigates
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 }}"
```

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```

state: "present"
certificate_local:
  auto_regenerate_days: "3"
  auto_regenerate_days_warning: "4"
  ca_identifier: "myId_5"
  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)"
  comments: "<your_own_value>"
  csr: "<your_own_value>"
  enroll_protocol: "none"
  ike_localid: "<your_own_value>"
  ike_localid_type: "asn1dn"
  last_updated: "16"
  name: "default_name_17"
  name_encoding: "printable"
  password: "<your_own_value>"
  private_key: "<your_own_value>"
  range: "global"
  scep_password: "<your_own_value>"
  scep_url: "<your_own_value>"
  source: "factory"
  source_ip: "84.230.14.43"
  state: "<your_own_value>"

```

### 5.16.6 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:

### 5.16.7 Status

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

### 5.16.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.17.1 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 v6.0.5

### 5.17.2 Requirements

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

- ansible>=2.9.0

### 5.17.3 Parameters

### 5.17.4 Notes

---

**Note:**

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

### 5.17.5 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 file patterns used by DLP blocking.
  fortios_dlp_filepattern:
    vdom: "{{ vdom }}"
    state: "present"
    dlp_filepattern:
      comment: "Optional comments."
      entries:
        -
          file_type: "7z"
          filter_type: "pattern"
          pattern: "<your_own_value>"
      id: "8"
      name: "default_name_9"

```

### 5.17.6 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:

### 5.17.7 Status

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

### 5.17.8 Authors

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

---

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

---

## 5.18 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 2.8.

---

**5.18. 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.**

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

### 5.18.1 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 v6.0.5

### 5.18.2 Requirements

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

- ansible>=2.9.0

### 5.18.3 Parameters

### 5.18.4 Notes

---

#### Note:

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

### 5.18.5 Examples

```
- hosts: fortigates
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.
```

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```

fortios_dlp_fp_doc_source:
  vdom: "{{ vdom }}"
  state: "present"
  dlp_fp_doc_source:
    date: "3"
    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.fp-sensitivity.name)"
    server: "192.168.100.40"
    server_type: "samba"
    tod_hour: "16"
    tod_min: "17"
    username: "<your_own_value>"
    vdom: "mgmt"
    weekday: "sunday"

```

### 5.18.6 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:

### 5.18.7 Status

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

### 5.18.8 Authors

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

---

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

---

## 5.19 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 2.8.

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

### 5.19.1 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 v6.0.5

### 5.19.2 Requirements

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

- ansible>=2.9.0

### 5.19.3 Parameters

### 5.19.4 Notes

---

**Note:**

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

### 5.19.5 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: 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"
    dlp_fp_sensitivity:
      name: "default_name_3"

```

### 5.19.6 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:

### 5.19.7 Status

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

### 5.19.8 Authors

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

---

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

---

## 5.20 fortios\_dlp\_sensor – Configure DLP sensors in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*

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

### 5.20.1 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 v6.0.5

### 5.20.2 Requirements

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

- ansible>=2.9.0

### 5.20.3 Parameters

### 5.20.4 Notes

---

#### Note:

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

### 5.20.5 Examples

```
- hosts: fortigates
collections:
  - 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 sensors.
  fortios_dlp_sensor:
    vdom: "{{ vdom }}"
    state: "present"
    dlp_sensor:
      comment: "Comment."
      dlp_log: "enable"
      extended_log: "enable"
      filter:
```

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```

-
  action: "allow"
  archive: "disable"
  company_identifier: "myId_9"
  expiry: "<your_own_value>"
  file_size: "11"
  file_type: "12 (source dlp.filepattern.id)"
  filter_by: "credit-card"
  fp_sensitivity:
    -
      name: "default_name_15 (source dlp.fp-sensitivity.name)"
      id: "16"
      match_percentage: "17"
      name: "default_name_18"
      proto: "smtp"
      regexp: "<your_own_value>"
      severity: "info"
      type: "file"
  flow_based: "enable"
  full_archive_proto: "smtp"
  nac_quar_log: "enable"
  name: "default_name_26"
  options: "<your_own_value>"
  replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
  summary_proto: "smtp"

```

## 5.20.6 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:

## 5.20.7 Status

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

## 5.20.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.21.1 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 v6.0.5

### 5.21.2 Requirements

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

- ansible>=2.9.0

### 5.21.3 Parameters

### 5.21.4 Notes

---

**Note:**

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

### 5.21.5 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: Designate logical storage for DLP fingerprint database.
  fortios_dlp_settings:
    vdom: "{{ vdom }}"
    dlp_settings:
      cache_mem_percent: "3"
      chunk_size: "4"
      db_mode: "stop-adding"
      size: "6"
      storage_device: "<your_own_value> (source system.storage.name) "

```

### 5.21.6 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:

### 5.21.7 Status

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

### 5.21.8 Authors

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

---

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

---

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

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*

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

### 5.22.1 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 v6.0.5

### 5.22.2 Requirements

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

- ansible>=2.9.0

### 5.22.3 Parameters

### 5.22.4 Notes

---

**Note:**

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

### 5.22.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    dnsfilter_domain_filter:
      comment: "Optional comments."
      entries:
        -
          action: "block"
```

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```

    domain: "<your_own_value>"
    id:     "7"
    status: "enable"
    type:   "simple"
  id:     "10"
  name:   "default_name_11"

```

### 5.22.6 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:

### 5.22.7 Status

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

### 5.22.8 Authors

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

---

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

---

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

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

---

### 5.23.1 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 v6.0.5

### 5.23.2 Requirements

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

- ansible>=2.9.0

### 5.23.3 Parameters

### 5.23.4 Notes

---

**Note:**

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

### 5.23.5 Examples

```
- hosts: fortigates
collections:
  - 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 profiles.
  fortios_dnsfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    dnsfilter_profile:
      block_action: "block"
      block_botnet: "disable"
      comment: "Comment."
      domain_filter:
        domain_filter_table: "7 (source dnsfilter.domain-filter.id)"
      external_ip_blocklist:
        -
          name: "default_name_9 (source system.external-resource.name)"
    ftgd_dns:
      filters:
```

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```

-
    action: "block"
    category: "13"
    id: "14"
    log: "enable"
    options: "error-allow"
    log_all_domain: "enable"
    name: "default_name_18"
    redirect_portal: "<your_own_value>"
    safe_search: "disable"
    sdns_domain_log: "enable"
    sdns_ftgd_err_log: "enable"
    youtube_restrict: "strict"

```

### 5.23.6 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:

### 5.23.7 Status

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

### 5.23.8 Authors

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

---

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

---

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

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*

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

- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

## 5.24.1 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 v6.0.5

## 5.24.2 Requirements

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

- ansible>=2.9.0

## 5.24.3 Parameters

## 5.24.4 Notes

---

### Note:

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

## 5.24.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    endpoint_control_client:
      ad_groups: "<your_own_value>"
      ftcl_uid: "<your_own_value>"
      id: "5"
      info: "<your_own_value>"
```

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```
src_ip: "<your_own_value>"
src_mac: "<your_own_value>"
```

### 5.24.6 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:

### 5.24.7 Status

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

### 5.24.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.25.1 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 v6.0.5

### 5.25.2 Requirements

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

- ansible>=2.9.0

### 5.25.3 Parameters

### 5.25.4 Notes

---

**Note:**

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

### 5.25.5 Examples

```
- hosts: fortigates
collections:
  - 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_forticlient_ems:
    vdom: "{{ vdom }}"
    state: "present"
    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: "7"
      listen_port: "8"
      name: "default_name_9"
      rest_api_auth: "disable"
      serial_number: "<your_own_value>"
      upload_port: "12"
```



### 5.25.6 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:

### 5.25.7 Status

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

### 5.25.8 Authors

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

---

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

---

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

New in version 2.8.

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

### 5.26.1 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 v6.0.5

---

**5.26. fortios\_endpoint\_control\_forticlient\_registration\_sync – Configure FortiClient registration 61 synchronization settings in Fortinet’s FortiOS and FortiGate.**

## 5.26.2 Requirements

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

- ansible>=2.9.0

## 5.26.3 Parameters

## 5.26.4 Notes

---

### Note:

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

## 5.26.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    endpoint_control_forticlient_registration_sync:
      peer_ip: "<your_own_value>"
      peer_name: "<your_own_value>"
```

## 5.26.6 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:

## 5.26.7 Status

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

## 5.26.8 Authors

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

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

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

---

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

New in version 2.8.

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

### 5.27.1 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 v6.0.5

### 5.27.2 Requirements

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

- ansible>=2.9.0

### 5.27.3 Parameters

### 5.27.4 Notes

---

**Note:**

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

## 5.27.5 Examples

```

- hosts: fortigates
  collections:
    - 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"
        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: "16"
              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: "28"
              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)"

```

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```

forticlient_winmac_settings:
  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: "85"
  forticlient_vuln_scan_exempt: "enable"
  forticlient_wf: "enable"
  forticlient_wf_profile: "<your_own_value> (source webfilter.profile.name)"
  forticlient_win_ver: "<your_own_value>"

```

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```
    os_av_software_installed: "enable"
    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) "
```

### 5.27.6 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:

### 5.27.7 Status

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

### 5.27.8 Authors

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

---

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

---

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

New in version 2.9.

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

### 5.28.1 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 v6.0.5

### 5.28.2 Requirements

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

- ansible>=2.9.0

### 5.28.3 Parameters

### 5.28.4 Notes

---

#### Note:

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

### 5.28.5 Examples

```
- hosts: fortigates
  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:
```

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```
vdom: "{{ vdom }}"
state: "present"
endpoint_control_registered_forticlient:
  flag: "3"
  ip: "<your_own_value>"
  mac: "<your_own_value>"
  reg_fortigate: "<your_own_value>"
  status: "7"
  uid: "<your_own_value>"
  vdom: "<your_own_value>"
```

## 5.28.6 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:

## 5.28.7 Status

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

## 5.28.8 Authors

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

---

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

---

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

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*



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

### 5.29.1 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 v6.0.5

### 5.29.2 Requirements

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

- ansible>=2.9.0

### 5.29.3 Parameters

### 5.29.4 Notes

#### Note:

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

### 5.29.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "5"
          forticlient_dereg_unsupported_client: "enable"
          forticlient_ems_rest_api_call_timeout: "7"
          forticlient_keepalive_interval: "8"
```

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```
forticlient_offline_grace: "enable"
forticlient_offline_grace_interval: "10"
forticlient_reg_key: "<your_own_value>"
forticlient_reg_key_enforce: "enable"
forticlient_reg_timeout: "13"
forticlient_sys_update_interval: "14"
forticlient_user_avatar: "enable"
forticlient_warning_interval: "16"
```

### 5.29.6 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:

### 5.29.7 Status

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

### 5.29.8 Authors

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

---

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

---

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

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.30.1 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 v6.0.5

### 5.30.2 Requirements

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

- `ansible>=2.9.0`

### 5.30.3 Parameters

### 5.30.4 Notes

#### Note:

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

### 5.30.5 Examples

```
- hosts: fortigates
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"
    extender_controller_extender:
      aaa_shared_secret: "<your_own_value>"
      access_point_name: "<your_own_value>"
      admin: "disable"
      at_dial_script: "<your_own_value>"
      billing_start_day: "7"
      cdma_aaa_spi: "<your_own_value>"
      cdma_ha_spi: "<your_own_value>"
      cdma_nai: "<your_own_value>"
      conn_status: "11"
```

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```
description: "<your_own_value>"
dial_mode: "dial-on-demand"
dial_status: "14"
ext_name: "<your_own_value>"
ha_shared_secret: "<your_own_value>"
id: "17"
ifname: "<your_own_value>"
initiated_update: "enable"
mode: "standalone"
modem_passwd: "<your_own_value>"
modem_type: "cdma"
multi_mode: "auto"
ppp_auth_protocol: "auto"
ppp_echo_request: "enable"
ppp_password: "<your_own_value>"
ppp_username: "<your_own_value>"
primary_ha: "<your_own_value>"
quota_limit_mb: "29"
redial: "none"
redundant_intf: "<your_own_value>"
roaming: "enable"
role: "none"
secondary_ha: "<your_own_value>"
sim_pin: "<your_own_value>"
vdom: "36"
wimax_auth_protocol: "tls"
wimax_carrier: "<your_own_value>"
wimax_realm: "<your_own_value>"
```

### 5.30.6 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:

### 5.30.7 Status

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

### 5.30.8 Authors

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

---

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

---

## 5.31 fortios\_facts – Get facts about fortios devices.

New in version 2.9.

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

### 5.31.1 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.

### 5.31.2 Requirements

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

- fortiosapi>=0.9.8

### 5.31.3 Parameters

### 5.31.4 Notes

---

#### Note:

- Support both legacy mode (local\_action) and httpapi
  - Legacy mode run as a local\_action in your playbook, requires fortiosapi library developed by Fortinet
  - httpapi mode is the new recommend way for network modules
- 

### 5.31.5 Examples

```
- hosts: localhost
  vars:
    host: "192.168.122.40"
    username: "admin"
    password: ""
```

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```

vdom: "root"
ssl_verify: "False"

tasks:
- name: gather basic system status facts
  fortios_facts:
    host: "{{ host }}"
    username: "{{ username }}"
    password: "{{ password }}"
    vdom: "{{ vdom }}"
    gather_subset:
      - fact: 'system_status_select'

- name: gather all physical interfaces status facts
  fortios_facts:
    host: "{{ host }}"
    username: "{{ username }}"
    password: "{{ password }}"
    vdom: "{{ vdom }}"
    gather_subset:
      - fact: 'system_interface_select'

- name: gather gather all physical and vlan interfaces status facts
  fortios_facts:
    host: "{{ host }}"
    username: "{{ username }}"
    password: "{{ password }}"
    vdom: "{{ vdom }}"
    gather_subset:
      - fact: 'system_interface_select'
      filters:
        - include_vlan: true

- name: gather basic system info and physical interface port3 status facts
  fortios_facts:
    host: "{{ host }}"
    username: "{{ username }}"
    password: "{{ password }}"
    vdom: "{{ vdom }}"
    gather_subset:
      - fact: 'system_status_select'
      - fact: 'system_interface_select'
      filters:
        - interface_name: 'port3'

```

### 5.31.6 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:

### 5.31.7 Status

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

### 5.31.8 Authors

- Don Yao (@fortinetps)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

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

---

## 5.32 fortios\_firewall\_address – Configure IPv4 addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.32.1 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 v6.0.5

### 5.32.2 Requirements

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

- ansible>=2.9.0

### 5.32.3 Parameters

### 5.32.4 Notes

---

**Note:**

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

### 5.32.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_address:
      allow_routing: "enable"
      associated_interface: "<your_own_value> (source system.interface.name system.
↪zone.name)"
      cache_ttl: "5"
      color: "6"
      comment: "Comment."
      country: "<your_own_value>"
      end_ip: "<your_own_value>"
      epg_name: "<your_own_value>"
      filter: "<your_own_value>"
      fqdn: "<your_own_value>"
      list:
        -
          ip: "<your_own_value>"
          name: "default_name_15"
          obj_id: "<your_own_value>"
          organization: "<your_own_value>"
          policy_group: "<your_own_value>"
          sdn: "aci"
          sdn_tag: "<your_own_value>"
          start_ip: "<your_own_value>"
          subnet: "<your_own_value>"
          subnet_name: "<your_own_value>"
          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)"
            tenant: "<your_own_value>"
            type: "ipmask"
            uuid: "<your_own_value>"
            visibility: "enable"
            wildcard: "<your_own_value>"
            wildcard_fqdn: "<your_own_value>"
```



### 5.32.6 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:

### 5.32.7 Status

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

### 5.32.8 Authors

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

---

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

---

## 5.33 fortios\_firewall\_address6 – Configure IPv6 firewall addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.33.1 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 to datasources before usage. Tested with FOS v6.0.5

## 5.33.2 Requirements

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

- ansible>=2.9.0

## 5.33.3 Parameters

## 5.33.4 Notes

---

**Note:**

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

## 5.33.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_address6:
      cache_ttl: "3"
      color: "4"
      comment: "Comment."
      end_ip: "<your_own_value>"
      fqdn: "<your_own_value>"
      host: "<your_own_value>"
      host_type: "any"
      ip6: "<your_own_value>"
      list:
        -
          ip: "<your_own_value>"
      name: "default_name_13"
      obj_id: "<your_own_value>"
      sdn: "nsx"
      start_ip: "<your_own_value>"
      subnet_segment:
        -
          name: "default_name_18"
          type: "any"
          value: "<your_own_value>"
      tagging:
        -
```

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```

category: "<your_own_value> (source system.object-tagging.category) "
name: "default_name_23"
tags:
-
    name: "default_name_25 (source system.object-tagging.tags.name) "
template: "<your_own_value> (source firewall.address6-template.name) "
type: "ipprefix"
uuid: "<your_own_value>"
visibility: "enable"

```

### 5.33.6 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:

### 5.33.7 Status

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

### 5.33.8 Authors

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

---

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

---

## 5.34 fortios\_firewall\_address6\_template – Configure IPv6 address templates in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

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

### 5.34.1 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 v6.0.5

### 5.34.2 Requirements

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

- ansible>=2.9.0

### 5.34.3 Parameters

### 5.34.4 Notes

---

**Note:**

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

### 5.34.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_address6_template:
      ip6: "<your_own_value>"
      name: "default_name_4"
      subnet_segment:
        -
          bits: "6"
          exclusive: "enable"
          id: "8"
```

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```

name: "default_name_9"
values:
  -
    name: "default_name_11"
    value: "<your_own_value>"
subnet_segment_count: "13"

```

### 5.34.6 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:

### 5.34.7 Status

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

### 5.34.8 Authors

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

---

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

---

## 5.35 fortios\_firewall\_addrgrp – Configure IPv4 address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

• *Authors*

### 5.35.1 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 v6.0.5

### 5.35.2 Requirements

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

- ansible>=2.9.0

### 5.35.3 Parameters

### 5.35.4 Notes

---

**Note:**

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

### 5.35.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_addrgrp:
      allow_routing: "enable"
      color: "4"
      comment: "Comment."
      member:
        -
          name: "default_name_7 (source firewall.address.name firewall.addrgrp.name)"
        -
          name: "default_name_8"
      tagging:
        -
```

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```

category: "<your_own_value> (source system.object-tagging.category) "
name: "default_name_11"
tags:
  -
    name: "default_name_13 (source system.object-tagging.tags.name) "
uuid: "<your_own_value>"
visibility: "enable"

```

### 5.35.6 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:

### 5.35.7 Status

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

### 5.35.8 Authors

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

---

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

---

## 5.36 fortios\_firewall\_addrgrp6 – Configure IPv6 address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.36.1 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 v6.0.5

### 5.36.2 Requirements

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

- ansible>=2.9.0

### 5.36.3 Parameters

### 5.36.4 Notes

---

**Note:**

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

### 5.36.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_addrgrp6:
      color: "3"
      comment: "Comment."
      member:
        -
          name: "default_name_6 (source firewall.address6.name firewall.addrgrp6.
↪name)"
          name: "default_name_7"
          tagging:
            -
```

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```
category: "<your_own_value> (source system.object-tagging.category) "  
name: "default_name_10"  
tags:  
  -  
    name: "default_name_12 (source system.object-tagging.tags.name) "  
uuid: "<your_own_value>"  
visibility: "enable"
```

### 5.36.6 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:

### 5.36.7 Status

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

### 5.36.8 Authors

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

---

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

---

## 5.37 fortios\_firewall\_auth\_portal – Configure firewall authentication portals in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.37.1 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 v6.0.5

### 5.37.2 Requirements

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

- ansible>=2.9.0

### 5.37.3 Parameters

### 5.37.4 Notes

---

**Note:**

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

### 5.37.5 Examples

```
- hosts: fortigates
collections:
  - 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:
        -
          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>"
```

### 5.37.6 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:

### 5.37.7 Status

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

### 5.37.8 Authors

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

---

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

---

## 5.38 fortios\_firewall\_central\_snat\_map – Configure central SNAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.38.1 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 v6.0.5

## 5.38.2 Requirements

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

- ansible>=2.9.0

## 5.38.3 Parameters

## 5.38.4 Notes

---

### Note:

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

## 5.38.5 Examples

```
- hosts: fortigates
collections:
  - 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 SNAT policies.
  fortios_firewall_central_snat_map:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_central_snat_map:
      comments: "<your_own_value>"
      dst_addr:
        -
          name: "default_name_5 (source firewall.address.name firewall.addrgrp.name)
↪"
      dstintf:
        -
          name: "default_name_7 (source system.interface.name system.zone.name)"
      nat: "disable"
      nat_ippool:
        -
          name: "default_name_10 (source firewall.ippool.name)"
      nat_port: "<your_own_value>"
      orig_addr:
        -
          name: "default_name_13 (source firewall.address.name firewall.addrgrp.
↪name)"
      orig_port: "<your_own_value>"
      policyid: "15"
      protocol: "16"
      srcintf:
        -
```

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```

    name: "default_name_18 (source system.interface.name system.zone.name) "
    status: "enable"

```

### 5.38.6 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:

### 5.38.7 Status

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

### 5.38.8 Authors

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

---

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

---

## 5.39 fortios\_firewall\_dnstranslation – Configure DNS translation in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.39.1 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 v6.0.5

### 5.39.2 Requirements

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

- ansible>=2.9.0

### 5.39.3 Parameters

### 5.39.4 Notes

---

**Note:**

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

### 5.39.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_dnstranslation:
      dst: "<your_own_value>"
      id: "4"
      netmask: "<your_own_value>"
      src: "<your_own_value>"
```

### 5.39.6 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:

### 5.39.7 Status

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

### 5.39.8 Authors

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

---

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

---

## 5.40 fortios\_firewall\_dos\_policy – Configure IPv4 DoS policies in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

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

### 5.40.1 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 v6.0.5

### 5.40.2 Requirements

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

- ansible>=2.9.0

### 5.40.3 Parameters

### 5.40.4 Notes

---

**Note:**

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

### 5.40.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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: "11"
              threshold(default): "12"
              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) "
                  policyid: "17"
                  service:
                    -
                      name: "default_name_19 (source firewall.service.custom.name firewall.
↪service.group.name) "
                      srcaddr:
                        -
                          name: "default_name_21 (source firewall.address.name firewall.addrgrp.
↪name) "
                          status: "enable"
```



### 5.40.6 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:

### 5.40.7 Status

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

### 5.40.8 Authors

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

---

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

---

## 5.41 fortios\_firewall\_dos\_policy6 – Configure IPv6 DoS policies in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

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

### 5.41.1 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 v6.0.5

## 5.41.2 Requirements

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

- ansible>=2.9.0

## 5.41.3 Parameters

## 5.41.4 Notes

---

### Note:

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

## 5.41.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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: "11"
          threshold(default): "12"
          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) "
              policyid: "17"
              service:
                -
                  name: "default_name_19 (source firewall.service.custom.name firewall.
↪service.group.name) "
```

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```

srcaddr:
-
  name: "default_name_21 (source firewall.address6.name firewall.addrgrp6.
↪name) "
  status: "enable"

```

### 5.41.6 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:

### 5.41.7 Status

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

### 5.41.8 Authors

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

---

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

---

## 5.42 fortios\_firewall\_identity\_based\_route – Configure identity based routing in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.42.1 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 v6.0.5

### 5.42.2 Requirements

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

- ansible>=2.9.0

### 5.42.3 Parameters

### 5.42.4 Notes

---

**Note:**

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

### 5.42.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```

### 5.42.6 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:

### 5.42.7 Status

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

### 5.42.8 Authors

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

---

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

---

## 5.43 fortios\_firewall\_interface\_policy – Configure IPv4 interface policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.43.1 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 v6.0.5

## 5.43.2 Requirements

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

- ansible>=2.9.0

## 5.43.3 Parameters

## 5.43.4 Notes

---

### Note:

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

## 5.43.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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_sensor: "<your_own_value> (source dlp.sensor.name)"
      dlp_sensor_status: "enable"
      dsri: "enable"
      dstaddr:
        -
          name: "default_name_13 (source firewall.address.name firewall.addrgrp.
↪name) "
      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: "19"
      scan_botnet_connections: "disable"
      service:
        -
```

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```

        name: "default_name_22 (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_26 (source firewall.address.name firewall.addrgrp.
↪name) "
            status: "enable"
            webfilter_profile: "<your_own_value> (source webfilter.profile.name) "
            webfilter_profile_status: "enable"

```

### 5.43.6 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:

### 5.43.7 Status

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

### 5.43.8 Authors

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

---

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

---

## 5.44 fortios\_firewall\_interface\_policy6 – Configure IPv6 interface policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

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

### 5.44.1 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 v6.0.5

### 5.44.2 Requirements

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

- ansible>=2.9.0

### 5.44.3 Parameters

### 5.44.4 Notes

---

**Note:**

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

### 5.44.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```

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```

    comments: "<your_own_value>"
    dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
    dlp_sensor_status: "enable"
    dsri: "enable"
    dstaddr6:
    -
        name: "default_name_13 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        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: "19"
        scan_botnet_connections: "disable"
        service6:
        -
            name: "default_name_22 (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_26 (source firewall.address6.name firewall.addrgrp6.
↪name)"
                status: "enable"
                webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
                webfilter_profile_status: "enable"

```

### 5.44.6 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:

### 5.44.7 Status

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

### 5.44.8 Authors

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

---

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

---

## 5.45 fortios\_firewall\_internet\_service – Show Internet Service application in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.45.1 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 v6.0.5

### 5.45.2 Requirements

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

- ansible>=2.9.0

### 5.45.3 Parameters

### 5.45.4 Notes

---

**Note:**

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

### 5.45.5 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 Internet Service application.
  fortios_firewall_internet_service:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_internet_service:
      database: "isdb"
      direction: "src"
      entry:
        -
          id: "6"
          ip_number: "7"
          ip_range_number: "8"
          port: "9"
          protocol: "10"
      icon_id: "11"
      id: "12"
      name: "default_name_13"
      offset: "14"
      reputation: "15"
      sld_id: "16"

```

### 5.45.6 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:

### 5.45.7 Status

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

### 5.45.8 Authors

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

---

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

---

## 5.46 fortios\_firewall\_internet\_service\_custom – Configure custom Internet Services in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.46.1 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 v6.0.5

### 5.46.2 Requirements

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

- ansible>=2.9.0

### 5.46.3 Parameters

### 5.46.4 Notes

---

**Note:**

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

### 5.46.5 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 custom Internet Services.
  fortios_firewall_internet_service_custom:
    vdom: "{{ vdom }}"
    state: "present"
    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: "10"
              protocol: "11"
          entry:
            -
              dst:
                -
                  name: "default_name_14 (source firewall.address.name firewall.addrgrp.
↪name) "
                  id: "15"
                  port_range:
                    -
                      end_port: "17"
                      id: "18"
                      start_port: "19"
                  protocol: "20"
              master_service_id: "21 (source firewall.internet-service.id) "
              name: "default_name_22"

```

### 5.46.6 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:

### 5.46.7 Status

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

### 5.46.8 Authors

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

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

---

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

---

## 5.47 fortios\_firewall\_internet\_service\_custom\_group – Configure custom Internet Service group in Fortinet’s FortiOS and Forti-Gate.

New in version 2.9.

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

### 5.47.1 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 v6.0.5

### 5.47.2 Requirements

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

- ansible>=2.9.0

### 5.47.3 Parameters

### 5.47.4 Notes

---

**Note:**

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

### 5.47.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    state: "present"
    firewall_internet_service_custom_group:
      comment: "Comment."
      member:
        -
          name: "default_name_5 (source firewall.internet-service-custom.name)"
          name: "default_name_6"
```

### 5.47.6 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:

### 5.47.7 Status

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

### 5.47.8 Authors

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

---

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

---

## 5.48 fortios\_firewall\_internet\_service\_group – Configure group of Internet Service in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.48.1 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 v6.0.5

### 5.48.2 Requirements

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

- ansible>=2.9.0

### 5.48.3 Parameters

### 5.48.4 Notes

---

**Note:**

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

### 5.48.5 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 group of Internet Service.
  fortios_firewall_internet_service_group:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_internet_service_group:
      comment: "Comment."
      member:
        -
          id: "5 (source firewall.internet-service.id)"
          name: "default_name_6"

```

### 5.48.6 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:

### 5.48.7 Status

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

### 5.48.8 Authors

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

---

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

---

## 5.49 fortios\_firewall\_ip\_translation – Configure firewall IP-translation in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

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

### 5.49.1 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 v6.0.5

### 5.49.2 Requirements

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

- ansible>=2.9.0

### 5.49.3 Parameters

### 5.49.4 Notes

---

**Note:**

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

### 5.49.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_ip_translation:
      endip: "<your_own_value>"
      map_startip: "<your_own_value>"
```

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```

startip: "<your_own_value>"
transid: "6"
type: "SCTP"

```

### 5.49.6 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:

### 5.49.7 Status

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

### 5.49.8 Authors

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

---

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

---

## 5.50 fortios\_firewall\_ipmacbinding\_setting – Configure IP to MAC binding settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.50.1 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 v6.0.5

### 5.50.2 Requirements

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

- ansible>=2.9.0

### 5.50.3 Parameters

### 5.50.4 Notes

---

**Note:**

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

### 5.50.5 Examples

```
- hosts: fortigates
collections:
  - 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"
```

### 5.50.6 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:

### 5.50.7 Status

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

### 5.50.8 Authors

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

---

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

---

## 5.51 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 2.8.

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

### 5.51.1 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 v6.0.5

### 5.51.2 Requirements

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

- ansible>=2.9.0

### 5.51.3 Parameters

### 5.51.4 Notes

---

**Note:**

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

### 5.51.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_ipmacbinding_table:
      ip: "<your_own_value>"
      mac: "<your_own_value>"
      name: "default_name_5"
      seq_num: "6"
      status: "enable"
```

### 5.51.6 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:

### 5.51.7 Status

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

### 5.51.8 Authors

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

- Nicolas Thomas (@thomnico)

---

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

---

## 5.52 fortios\_firewall\_ippool – Configure IPv4 IP pools in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.52.1 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 v6.0.5

### 5.52.2 Requirements

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

- ansible>=2.9.0

### 5.52.3 Parameters

### 5.52.4 Notes

---

**Note:**

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

### 5.52.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_ippool:
      arp_intf: "<your_own_value> (source system.interface.name)"
      arp_reply: "disable"
      associated_interface: "<your_own_value> (source system.interface.name)"
      block_size: "6"
      comments: "<your_own_value>"
      endip: "<your_own_value>"
      name: "default_name_9"
      num_blocks_per_user: "10"
      pba_timeout: "11"
      permit_any_host: "disable"
      source_endip: "<your_own_value>"
      source_startip: "<your_own_value>"
      startip: "<your_own_value>"
      type: "overload"
```

### 5.52.6 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:

### 5.52.7 Status

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

### 5.52.8 Authors

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



---

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

---

## 5.53 fortios\_firewall\_ippool6 – Configure IPv6 IP pools in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.53.1 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 v6.0.5

### 5.53.2 Requirements

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

- ansible>=2.9.0

### 5.53.3 Parameters

### 5.53.4 Notes

---

**Note:**

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

### 5.53.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_ippool6:
      comments: "<your_own_value>"
      endip: "<your_own_value>"
      name: "default_name_5"
      startip: "<your_own_value>"
```

### 5.53.6 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:

### 5.53.7 Status

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

### 5.53.8 Authors

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

---

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

---

## 5.54 fortios\_firewall\_ipv6\_eh\_filter – Configure IPv6 extension header filter in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.54.1 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 v6.0.5

### 5.54.2 Requirements

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

- ansible>=2.9.0

### 5.54.3 Parameters

### 5.54.4 Notes

---

#### Note:

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

### 5.54.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
```

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```
vdom: "{{ vdom }}"
firewall_ip6_eh_filter:
  auth: "enable"
  dest_opt: "enable"
  fragment: "enable"
  hdopt_type: "6"
  hop_opt: "enable"
  no_next: "enable"
  routing: "enable"
  routing_type: "10"
```

### 5.54.6 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:

### 5.54.7 Status

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

### 5.54.8 Authors

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

---

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

---

## 5.55 fortios\_firewall\_ldb\_monitor – Configure server load balancing health monitors in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

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

### 5.55.1 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 v6.0.5

### 5.55.2 Requirements

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

- ansible>=2.9.0

### 5.55.3 Parameters

### 5.55.4 Notes

#### Note:

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

### 5.55.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_ldb_monitor:
          http_get: "<your_own_value>"
          http_match: "<your_own_value>"
          http_max_redirects: "5"
          interval: "6"
          name: "default_name_7"
```

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```
port: "8"
retry: "9"
timeout: "10"
type: "ping"
```

### 5.55.6 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:

### 5.55.7 Status

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

### 5.55.8 Authors

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

---

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

---

## 5.56 fortios\_firewall\_local\_in\_policy – Configure user defined IPv4 local-in policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.56.1 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 v6.0.5

### 5.56.2 Requirements

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

- ansible>=2.9.0

### 5.56.3 Parameters

### 5.56.4 Notes

---

**Note:**

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

### 5.56.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_local_in_policy:
      action: "accept"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.address.name firewall.addrgrp.name)
↪"
      ha_mgmt_intf_only: "enable"
      intf: "<your_own_value> (source system.zone.name system.interface.name)"
      policyid: "9"
      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)"
```

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```
srcaddr:
-
  name: "default_name_14 (source firewall.address.name firewall.addrgrp.
↔name) "
  status: "enable"
```

### 5.56.6 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:

### 5.56.7 Status

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

### 5.56.8 Authors

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

---

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

---

## 5.57 fortios\_firewall\_local\_in\_policy6 – Configure user defined IPv6 local-in policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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



### 5.57.1 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 v6.0.5

### 5.57.2 Requirements

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

- ansible>=2.9.0

### 5.57.3 Parameters

### 5.57.4 Notes

---

**Note:**

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

### 5.57.5 Examples

```
- hosts: fortigates
collections:
  - 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 IPv6 local-in policies.
  fortios_firewall_local_in_policy6:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_local_in_policy6:
      action: "accept"
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.address6.name firewall.addrgrp6.
↪name) "
          intf: "<your_own_value> (source system.zone.name system.interface.name) "
          policyid: "8"
          schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name) "
          service:
            -
              name: "default_name_11 (source firewall.service.custom.name firewall.
↪service.group.name) "
              srcaddr:
```

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```
-  
    name: "default_name_13 (source firewall.address6.name firewall.addrgrp6.  
↪name) "  
    status: "enable"
```

### 5.57.6 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:

### 5.57.7 Status

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

### 5.57.8 Authors

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

---

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

---

## 5.58 fortios\_firewall\_multicast\_address – Configure multicast addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.58.1 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 v6.0.5

### 5.58.2 Requirements

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

- ansible>=2.9.0

### 5.58.3 Parameters

### 5.58.4 Notes

---

**Note:**

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

### 5.58.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_multicast_address:
      associated_interface: "<your_own_value> (source system.interface.name)"
      color: "4"
      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)"
```

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```
type: "multicastrange"
visibility: "enable"
```

### 5.58.6 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:

### 5.58.7 Status

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

### 5.58.8 Authors

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

---

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

---

## 5.59 fortios\_firewall\_multicast\_address6 – Configure IPv6 multicast address in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.59.1 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 v6.0.5

### 5.59.2 Requirements

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

- ansible>=2.9.0

### 5.59.3 Parameters

### 5.59.4 Notes

---

**Note:**

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

### 5.59.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_multicast_address6:
      color: "3"
      comment: "Comment."
      ip6: "<your_own_value>"
      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)"
    visibility: "enable"
```

### 5.59.6 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:

### 5.59.7 Status

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

### 5.59.8 Authors

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

---

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

---

## 5.60 fortios\_firewall\_multicast\_policy – Configure multicast NAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.60.1 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 v6.0.5

## 5.60.2 Requirements

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

- ansible>=2.9.0

## 5.60.3 Parameters

## 5.60.4 Notes

### Note:

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

## 5.60.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_multicast_policy:
      action: "accept"
      dnat: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_6 (source firewall.multicast-address.name)"
          dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
          end_port: "8"
          id: "9"
          logtraffic: "enable"
          protocol: "11"
          snat: "enable"
          snat_ip: "<your_own_value>"
          srcaddr:
            -
              name: "default_name_15 (source firewall.address.name firewall.addrgrp.
↪name)"
              srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
              start_port: "17"
              status: "enable"
```

### 5.60.6 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:

### 5.60.7 Status

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

### 5.60.8 Authors

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

---

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

---

## 5.61 fortios\_firewall\_multicast\_policy6 – Configure IPv6 multicast NAT policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.61.1 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 v6.0.5



### 5.61.2 Requirements

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

- ansible>=2.9.0

### 5.61.3 Parameters

### 5.61.4 Notes

---

**Note:**

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

### 5.61.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_multicast_policy6:
      action: "accept"
      dstaddr:
        -
          name: "default_name_5 (source firewall.multicast-address6.name)"
      dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
      end_port: "7"
      id: "8"
      logtraffic: "enable"
      protocol: "10"
      srcaddr:
        -
          name: "default_name_12 (source firewall.address6.name firewall.addrgrp6.
↪name)"
      srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
      start_port: "14"
      status: "enable"
```

### 5.61.6 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:

### 5.61.7 Status

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

### 5.61.8 Authors

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

---

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

---

## 5.62 fortios\_firewall\_policy – Configure IPv4 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.62.1 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 policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.62.2 Requirements

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

- ansible>=2.9.0

### 5.62.3 Parameters

### 5.62.4 Notes

#### Note:

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

### 5.62.5 Examples

```
- hosts: fortigates
  collections:
    - 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 policies.
      fortios_firewall_policy:
        vdom: "{{ vdom }}"
        state: "present"
        firewall_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)"
          auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
          auth_path: "enable"
          auth_redirect_addr: "<your_own_value>"
          av_profile: "<your_own_value> (source antivirus.profile.name)"
          block_notification: "enable"
          captive_portal_exempt: "enable"
          capture_packet: "enable"
          comments: "<your_own_value>"
          custom_log_fields:
            -
              field_id: "<your_own_value> (source log.custom-field.id)"
          delay_tcp_npu_session: "enable"
          devices:
            -
              name: "default_name_23 (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>"
disclaimer: "enable"
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_36 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name)"
  dstaddr_negate: "enable"
  dstintf:
-
  name: "default_name_39 (source system.interface.name system.zone.name)"
  firewall_session_dirty: "check-all"
  fixedport: "enable"
  fsso: "enable"
  fsso_agent_for_ntlm: "<your_own_value> (source user.fsso.name)"
  global_label: "<your_own_value>"
  groups:
-
  name: "default_name_46 (source user.group.name)"
  icap_profile: "<your_own_value> (source icap.profile.name)"
  identity_based_route: "<your_own_value> (source firewall.identity-based-route.
↪name)"
  inbound: "enable"
  internet_service: "enable"
  internet_service_custom:
-
  name: "default_name_52 (source firewall.internet-service-custom.name)"
  internet_service_id:
-
  id: "54 (source firewall.internet-service.id)"
  internet_service_negate: "enable"
  internet_service_src: "enable"
  internet_service_src_custom:
-
  name: "default_name_58 (source firewall.internet-service-custom.name)"
  internet_service_src_id:
-
  id: "60 (source firewall.internet-service.id)"
  internet_service_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"
  name: "default_name_69"
  nat: "enable"
  natinbound: "enable"
  natip: "<your_own_value>"
  natoutbound: "enable"

```

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```

ntlm: "enable"
ntlm_enabled_browsers:
-
    user_agent_string: "<your_own_value>"
ntlm_guest: "enable"
outbound: "enable"
per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
permit_any_host: "enable"
permit_stun_host: "enable"
policyid: "82"
poolname:
-
    name: "default_name_84 (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"
    radius_mac_auth_bypass: "enable"
    redirect_url: "<your_own_value>"
    replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↪name)"
    rsso: "enable"
    rtp_addr:
-
    name: "default_name_93 (source firewall.address.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"
    send_deny_packet: "disable"
    service:
-
    name: "default_name_100 (source firewall.service.custom.name firewall.
↪service.group.name)"
    service_negate: "enable"
    session_ttl: "102"
    spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
    srcaddr:
-
    name: "default_name_105 (source firewall.address.name firewall.addrgrp.
↪name)"
    srcaddr_negate: "enable"
    srcintf:
-
    name: "default_name_108 (source system.interface.name system.zone.name)"
    ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
    ssl_mirror: "enable"
    ssl_mirror_intf:
-
    name: "default_name_112 (source system.interface.name system.zone.name)"
    ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
    status: "enable"
    tcp_mss_receiver: "115"
    tcp_mss_sender: "116"
    tcp_session_without_syn: "all"

```

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```

    timeout_send_rst: "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: "122"
    users:
      -
        name: "default_name_124 (source user.local.name)"
    utm_status: "enable"
    uuid: "<your_own_value>"
    vlan_cos_fwd: "127"
    vlan_cos_rev: "128"
    vlan_filter: "<your_own_value>"
    voip_profile: "<your_own_value> (source voip.profile.name)"
    vpngateway: "<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)"
    wso: "enable"

```

### 5.62.6 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:

### 5.62.7 Status

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

### 5.62.8 Authors

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

---

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

---

## 5.63 fortios\_firewall\_policy46 – Configure IPv4 to IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.63.1 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 v6.0.5

### 5.63.2 Requirements

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

- ansible>=2.9.0

### 5.63.3 Parameters

### 5.63.4 Notes

---

**Note:**

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

### 5.63.5 Examples

```

- hosts: fortigates
  collections:
    - 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 }}"
        state: "present"
        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"
              per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
              permit_any_host: "enable"
              policyid: "13"
              poolname:
                -
                  name: "default_name_15 (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_18 (source firewall.service.custom.name firewall.
↪service.group.name)"
                      srcaddr:
                        -
                          name: "default_name_20 (source firewall.address.name firewall.addrgrp.
↪name)"
                          srcintf: "<your_own_value> (source system.zone.name system.interface.name)"
                          status: "enable"
                          tcp_mss_receiver: "23"
                          tcp_mss_sender: "24"
                          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>"

```

### 5.63.6 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:



### 5.63.7 Status

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

### 5.63.8 Authors

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

---

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

---

## 5.64 fortios\_firewall\_policy6 – Configure IPv6 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.64.1 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 v6.0.5

### 5.64.2 Requirements

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

- ansible>=2.9.0

### 5.64.3 Parameters

### 5.64.4 Notes

---

**Note:**

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

### 5.64.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_policy6:
          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)"
              comments: "<your_own_value>"
              custom_log_fields:
                -
                  field_id: "<your_own_value> (source log.custom-field.id)"
          devices:
            -
              name: "default_name_16 (source user.device.alias user.device-group.name_
↵user.device-category.name)"
              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)"
              dscp_match: "enable"
              dscp_negate: "enable"
              dscp_value: "<your_own_value>"
              dsri: "enable"
```

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```

    dstaddr:
    -
        name: "default_name_27 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name)"
        dstaddr_negate: "enable"
        dstintf:
        -
            name: "default_name_30 (source system.interface.name system.zone.name)"
            firewall_session_dirty: "check-all"
            fixedport: "enable"
            global_label: "<your_own_value>"
            groups:
            -
                name: "default_name_35 (source user.group.name)"
                icap_profile: "<your_own_value> (source icap.profile.name)"
                inbound: "enable"
                ippool: "enable"
                ips_sensor: "<your_own_value> (source ips.sensor.name)"
                label: "<your_own_value>"
                logtraffic: "all"
                logtraffic_start: "enable"
                name: "default_name_43"
                nat: "enable"
                natinbound: "enable"
                natoutbound: "enable"
                outbound: "enable"
                per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
                policyid: "49"
                poolname:
                -
                    name: "default_name_51 (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)"
                    send_deny_packet: "enable"
                    service:
                    -
                        name: "default_name_60 (source firewall.service.custom.name firewall.
↪service.group.name)"
                        service_negate: "enable"
                        session_ttl: "62"
                        spamfilter_profile: "<your_own_value> (source spamfilter.profile.name)"
                        srcaddr:
                        -
                            name: "default_name_65 (source firewall.address6.name firewall.addrgrp6.
↪name)"
                            srcaddr_negate: "enable"
                            srcintf:
                            -
                                name: "default_name_68 (source system.zone.name system.interface.name)"
                                ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"

```

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```

    ssl_mirror: "enable"
    ssl_mirror_intf:
    -
        name: "default_name_72 (source system.zone.name system.interface.name)"
    ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
    status: "enable"
    tcp_mss_receiver: "75"
    tcp_mss_sender: "76"
    tcp_session_without_syn: "all"
    timeout_send_rst: "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: "82"
    users:
    -
        name: "default_name_84 (source user.local.name)"
    utm_status: "enable"
    uuid: "<your_own_value>"
    vlan_cos_fwd: "87"
    vlan_cos_rev: "88"
    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)"
    webfilter_profile: "<your_own_value> (source webfilter.profile.name)"

```

### 5.64.6 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:

### 5.64.7 Status

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

### 5.64.8 Authors

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

---

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

---

## 5.65 fortios\_firewall\_policy64 – Configure IPv6 to IPv4 policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.65.1 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 v6.0.5

### 5.65.2 Requirements

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

- ansible>=2.9.0

### 5.65.3 Parameters

### 5.65.4 Notes

---

**Note:**

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

## 5.65.5 Examples

```

- hosts: fortigates
  collections:
    - 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"
        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)"
              dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
              fixedport: "enable"
              ippool: "enable"
              logtraffic: "enable"
              per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
              permit_any_host: "enable"
              policyid: "13"
              poolname:
                -
                  name: "default_name_15 (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_18 (source firewall.service.custom.name firewall.
↳ service.group.name)"
                      srcaddr:
                        -
                          name: "default_name_20 (source firewall.address6.name firewall.addrgrp6.
↳ name)"
                          srcintf: "<your_own_value> (source system.zone.name system.interface.name)"
                          status: "enable"
                          tcp_mss_receiver: "23"
                          tcp_mss_sender: "24"
                          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>"

```

### 5.65.6 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:

### 5.65.7 Status

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

### 5.65.8 Authors

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

---

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

---

## 5.66 fortios\_firewall\_profile\_group – Configure profile groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.66.1 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 v6.0.5

## 5.66.2 Requirements

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

- ansible>=2.9.0

## 5.66.3 Parameters

## 5.66.4 Notes

---

### Note:

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

## 5.66.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_profile_group:
      application_list: "<your_own_value> (source application.list.name)"
      av_profile: "<your_own_value> (source antivirus.profile.name)"
      dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
      dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
      icap_profile: "<your_own_value> (source icap.profile.name)"
      ips_sensor: "<your_own_value> (source ips.sensor.name)"
      name: "default_name_9"
      profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.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)"
      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)"
```

## 5.66.6 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:



### 5.66.7 Status

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

### 5.66.8 Authors

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

---

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

---

## 5.67 fortios\_firewall\_profile\_protocol\_options – Configure protocol options in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.67.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and profile\_protocol\_options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.67.2 Requirements

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

- ansible>=2.9.0

---

**5.67. fortios\_firewall\_profile\_protocol\_options – Configure protocol options in Fortinet’s FortiOS and FortiGate.**

### 5.67.3 Parameters

### 5.67.4 Notes

---

**Note:**

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

### 5.67.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_profile_protocol_options:
          comment: "Optional comments."
          dns:
            ports: "5"
            status: "enable"
          ftp:
            comfort_amount: "8"
            comfort_interval: "9"
            inspect_all: "enable"
            options: "clientcomfort"
            oversize_limit: "12"
            ports: "13"
            scan_bzip2: "enable"
            status: "enable"
            uncompressed_nest_limit: "16"
            uncompressed_oversize_limit: "17"
          http:
            block_page_status_code: "19"
            comfort_amount: "20"
            comfort_interval: "21"
            fortinet_bar: "enable"
            fortinet_bar_port: "23"
            http_policy: "disable"
            inspect_all: "enable"
            options: "clientcomfort"
            oversize_limit: "27"
            ports: "28"
            post_lang: "jisx0201"
            range_block: "disable"
            retry_count: "31"
```

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```

    scan_bzip2: "enable"
    status: "enable"
    streaming_content_bypass: "enable"
    strip_x_forwarded_for: "disable"
    switching_protocols: "bypass"
    uncompressed_nest_limit: "37"
    uncompressed_oversize_limit: "38"
imap:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "42"
    ports: "43"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "46"
    uncompressed_oversize_limit: "47"
mail_signature:
    signature: "<your_own_value>"
    status: "disable"
mapi:
    options: "fragmail"
    oversize_limit: "53"
    ports: "54"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "57"
    uncompressed_oversize_limit: "58"
name: "default_name_59"
nntp:
    inspect_all: "enable"
    options: "oversize"
    oversize_limit: "63"
    ports: "64"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "67"
    uncompressed_oversize_limit: "68"
oversize_log: "disable"
pop3:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "73"
    ports: "74"
    scan_bzip2: "enable"
    status: "enable"
    uncompressed_nest_limit: "77"
    uncompressed_oversize_limit: "78"
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
rpc_over_http: "enable"
smtp:
    inspect_all: "enable"
    options: "fragmail"
    oversize_limit: "84"
    ports: "85"
    scan_bzip2: "enable"
    server_busy: "enable"
    status: "enable"

```

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```
uncompressed_nest_limit: "89"
uncompressed_oversize_limit: "90"
switching_protocols_log: "disable"
```

### 5.67.6 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:

### 5.67.7 Status

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

### 5.67.8 Authors

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

---

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

---

## 5.68 fortios\_firewall\_proxy\_address – Web proxy address configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.68.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.68.2 Requirements

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

- ansible>=2.9.0

### 5.68.3 Parameters

### 5.68.4 Notes

---

**Note:**

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

### 5.68.5 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Web proxy address configuration.
  fortios_firewall_proxy_address:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_proxy_address:
      case_sensitivity: "disable"
      category:
        -
          id: "5"
          color: "6"
          comment: "Optional comments."
          header: "<your_own_value>"
          header_group:
            -
              case_sensitivity: "disable"
              header: "<your_own_value>"
              header_name: "<your_own_value>"
              id: "13"
              header_name: "<your_own_value>"
```

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```
host: "myhostname (source firewall.address.name firewall.addrgrp.name_
↪firewall.proxy-address.name)"
host_regex: "myhostname"
method: "get"
name: "default_name_18"
path: "<your_own_value>"
query: "<your_own_value>"
referrer: "enable"
tagging:
  -
    category: "<your_own_value> (source system.object-tagging.category)"
    name: "default_name_24"
    tags:
      -
        name: "default_name_26 (source system.object-tagging.tags.name)"
type: "host-regex"
ua: "chrome"
uuid: "<your_own_value>"
visibility: "enable"
```

### 5.68.6 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:

### 5.68.7 Status

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

### 5.68.8 Authors

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

---

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

---

## 5.69 fortios\_firewall\_proxy\_addrgrp – Web proxy address group configuration in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.69.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.69.2 Requirements

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

- ansible>=2.9.0

### 5.69.3 Parameters

### 5.69.4 Notes

---

#### Note:

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

### 5.69.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Web proxy address group configuration.
      fortios_firewall_proxy_addrgrp:
```

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```
vdom: "{{ vdom }}"
state: "present"
firewall_proxy_addrgrp:
  color: "3"
  comment: "Optional comments."
  member:
    -
      name: "default_name_6 (source firewall.proxy-address.name firewall.proxy-
↪addrgrp.name)"
      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"
```

### 5.69.6 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:

### 5.69.7 Status

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

### 5.69.8 Authors

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

---

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

---

## 5.70 fortios\_firewall\_proxy\_policy – Configure proxy policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.



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

### 5.70.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.70.2 Requirements

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

- ansible>=2.9.0

### 5.70.3 Parameters

### 5.70.4 Notes

---

#### Note:

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

### 5.70.5 Examples

```
- hosts: fortigates
collections:
  - 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 policies.
    fortios_firewall_proxy_policy:
```

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```

vdom: "{{ vdom }}"
state: "present"
firewall_proxy_policy:
  action: "accept"
  application_list: "<your_own_value> (source application.list.name)"
  av_profile: "<your_own_value> (source antivirus.profile.name)"
  comments: "<your_own_value>"
  disclaimer: "disable"
  dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
  dstaddr:
    -
      name: "default_name_10 (source firewall.address.name firewall.addrgrp.
↪name firewall.proxy-address.name firewall.proxy-addrgrp.name firewall.vip
      .name firewall.vipgrp.name firewall.vip46.name firewall.vipgrp46.name_
↪system.external-resource.name)"
      dstaddr_negate: "enable"
      dstaddr6:
        -
          name: "default_name_13 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name firewall.vip64.name firewall
          .vipgrp64.name system.external-resource.name)"
      dstintf:
        -
          name: "default_name_15 (source system.interface.name system.zone.name)"
      global_label: "<your_own_value>"
      groups:
        -
          name: "default_name_18 (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_23 (source firewall.internet-service-custom.name)"
      internet_service_id:
        -
          id: "25 (source firewall.internet-service.id)"
      internet_service_negate: "enable"
      ips_sensor: "<your_own_value> (source ips.sensor.name)"
      label: "<your_own_value>"
      logtraffic: "all"
      logtraffic_start: "enable"
      policyid: "31"
      poolname:
        -
          name: "default_name_33 (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)"

```

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```

    service:
    -
        name: "default_name_43 (source firewall.service.custom.name firewall.
↪service.group.name) "
        service_negate: "enable"
        session_ttl: "45"
        spamfilter_profile: "<your_own_value> (source spamfilter.profile.name) "
        srcaddr:
        -
            name: "default_name_48 (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_51 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name) "
                srcintf:
                -
                    name: "default_name_53 (source system.interface.name system.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"
                    transparent: "enable"
                    users:
                    -
                        name: "default_name_59 (source user.local.name) "
                    utm_status: "enable"
                    uuid: "<your_own_value>"
                    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) "

```

### 5.70.6 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:

### 5.70.7 Status

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

### 5.70.8 Authors

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

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

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

---

## 5.71 fortios\_firewall\_schedule\_group – Schedule group configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.71.1 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 v6.0.5

### 5.71.2 Requirements

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

- ansible>=2.9.0

### 5.71.3 Parameters

### 5.71.4 Notes

---

**Note:**

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

### 5.71.5 Examples

```
- hosts: fortigates
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"
    firewall_schedule_group:
      color: "3"
      member:
        -
          name: "default_name_5 (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name) "
          name: "default_name_6"
```

### 5.71.6 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:

### 5.71.7 Status

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

### 5.71.8 Authors

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

---

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

---

## 5.72 fortios\_firewall\_schedule\_onetime – Onetime schedule configuration in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.72.1 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 v6.0.5

### 5.72.2 Requirements

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

- ansible>=2.9.0

### 5.72.3 Parameters

### 5.72.4 Notes

---

**Note:**

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

### 5.72.5 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: Onetime schedule configuration.
  fortios_firewall_schedule_onetime:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_schedule_onetime:
      color: "3"
      end: "<your_own_value>"
      expiration_days: "5"
      name: "default_name_6"
      start: "<your_own_value>"

```

### 5.72.6 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:

### 5.72.7 Status

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

### 5.72.8 Authors

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

---

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

---

## 5.73 fortios\_firewall\_schedule\_recurring – Recurring schedule configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

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

### 5.73.1 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 v6.0.5

### 5.73.2 Requirements

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

- ansible>=2.9.0

### 5.73.3 Parameters

### 5.73.4 Notes

---

**Note:**

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

### 5.73.5 Examples

```
- hosts: fortigates
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"
    firewall_schedule_recurring:
      color: "3"
      day: "sunday"
```

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```
end: "<your_own_value>"
name: "default_name_6"
start: "<your_own_value>"
```

### 5.73.6 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:

### 5.73.7 Status

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

### 5.73.8 Authors

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

---

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

---

## 5.74 fortios\_firewall\_service\_category – Configure service categories in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.74.1 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 v6.0.5

### 5.74.2 Requirements

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

- ansible>=2.9.0

### 5.74.3 Parameters

### 5.74.4 Notes

---

**Note:**

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

### 5.74.5 Examples

```
- hosts: fortigates
collections:
  - 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.
  fortios_firewall_service_category:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_service_category:
      comment: "Comment."
      name: "default_name_4"
```

### 5.74.6 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:

### 5.74.7 Status

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

### 5.74.8 Authors

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

---

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

---

## 5.75 fortios\_firewall\_service\_custom – Configure custom services in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.75.1 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 v6.0.5

### 5.75.2 Requirements

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

- ansible>=2.9.0

### 5.75.3 Parameters

### 5.75.4 Notes

---

**Note:**

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

### 5.75.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    state: "present"
    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: "10"
              comment: "Comment."
              fqdn: "<your_own_value>"
              helper: "auto"
              icmpcode: "14"
              icmptype: "15"
              iprange: "<your_own_value>"
              name: "default_name_17"
              protocol: "TCP/UDP/SCTP"
              protocol_number: "19"
              proxy: "enable"
              sctp_portrange: "<your_own_value>"
              session_ttl: "22"
              tcp_halfclose_timer: "23"
              tcp_halfopen_timer: "24"
              tcp_portrange: "<your_own_value>"
              tcp_timewait_timer: "26"
              udp_idle_timer: "27"
              udp_portrange: "<your_own_value>"
              visibility: "enable"
```

### 5.75.6 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:

### 5.75.7 Status

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

### 5.75.8 Authors

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

---

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

---

## 5.76 fortios\_firewall\_service\_group – Configure service groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.76.1 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 v6.0.5

## 5.76.2 Requirements

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

- ansible>=2.9.0

## 5.76.3 Parameters

## 5.76.4 Notes

---

**Note:**

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

## 5.76.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_service_group:
      color: "3"
      comment: "Comment."
      member:
        -
          name: "default_name_6 (source firewall.service.custom.name firewall.
↪service.group.name)"
          name: "default_name_7"
          proxy: "enable"
```

## 5.76.6 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:

## 5.76.7 Status

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

## 5.76.8 Authors

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

---

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

---

## 5.77 fortios\_firewall\_shaper\_per\_ip\_shaper – Configure per-IP traffic shaper in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.77.1 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 v6.0.5

### 5.77.2 Requirements

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

- ansible<=2.9.0

### 5.77.3 Parameters

### 5.77.4 Notes

---

**Note:**

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

### 5.77.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    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: "8"
      max_concurrent_session: "9"
      name: "default_name_10"
```

### 5.77.6 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:

### 5.77.7 Status

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

### 5.77.8 Authors

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



- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

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

---

## 5.78 fortios\_firewall\_shaper\_traffic\_shaper – Configure shared traffic shaper in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.78.1 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 v6.0.5

### 5.78.2 Requirements

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

- ansible>=2.9.0

### 5.78.3 Parameters

### 5.78.4 Notes

---

**Note:**

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

## 5.78.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_shaper_traffic_shaper:
      bandwidth_unit: "kbps"
      diffserv: "enable"
      diffservcode: "<your_own_value>"
      guaranteed_bandwidth: "6"
      maximum_bandwidth: "7"
      name: "default_name_8"
      per_policy: "disable"
      priority: "low"
```

## 5.78.6 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:

## 5.78.7 Status

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

## 5.78.8 Authors

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

---

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

---

## 5.79 fortios\_firewall\_shaping\_policy – Configure shaping policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.79.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and shaping\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.79.2 Requirements

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

- ansible>=2.9.0

### 5.79.3 Parameters

### 5.79.4 Notes

---

#### Note:

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

### 5.79.5 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 shaping policies.
    fortios_firewall_shaping_policy:
      vdom: "{{ vdom }}"
      state: "present"
      firewall_shaping_policy:
        app_category:
          -
            id: "4"
            application:
              -
                id: "6"
                class_id: "7"
                comment: "Comments."
                dstaddr:
                  -
                    name: "default_name_10 (source firewall.address.name firewall.addrgrp.
↪name) "
                dstaddr6:
                  -
                    name: "default_name_12 (source firewall.address6.name firewall.addrgrp6.
↪name) "
                dstintf:
                  -
                    name: "default_name_14 (source system.interface.name system.zone.name) "
                groups:
                  -
                    name: "default_name_16 (source user.group.name) "
                id: "17"
                internet_service: "enable"
                internet_service_custom:
                  -
                    name: "default_name_20 (source firewall.internet-service-custom.name) "
                internet_service_id:
                  -
                    id: "22 (source firewall.internet-service.id) "
                internet_service_src: "enable"
                internet_service_src_custom:
                  -
                    name: "default_name_25 (source firewall.internet-service-custom.name) "
                internet_service_src_id:
                  -
                    id: "27 (source firewall.internet-service.id) "
                ip_version: "4"
                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_32 (source firewall.service.custom.name firewall.
↪service.group.name) "
                srcaddr:
                  -
                    name: "default_name_34 (source firewall.address.name firewall.addrgrp.
↪name) "

```

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```

srcaddr6:
-
  name: "default_name_36 (source firewall.address6.name firewall.addrgrp6.
↪name) "
  status: "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: "41"
  users:
-
    name: "default_name_43 (source user.local.name) "

```

### 5.79.6 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:

### 5.79.7 Status

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

### 5.79.8 Authors

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

---

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

---

## 5.80 fortios\_firewall\_shaping\_profile – Configure shaping profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*

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

### 5.80.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and shaping\_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.80.2 Requirements

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

- ansible>=2.9.0

### 5.80.3 Parameters

### 5.80.4 Notes

---

**Note:**

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

### 5.80.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_shaping_profile:
      comment: "Comment."
```

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```

default_class_id: "4"
profile_name: "<your_own_value>"
shaping_entries:
-
  class_id: "7"
  guaranteed_bandwidth_percentage: "8"
  id: "9"
  maximum_bandwidth_percentage: "10"
  priority: "high"

```

### 5.80.6 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:

### 5.80.7 Status

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

### 5.80.8 Authors

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

---

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

---

## 5.81 fortios\_firewall\_sniffer – Configure sniffer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

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

### 5.81.1 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 v6.0.5

### 5.81.2 Requirements

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

- ansible>=2.9.0

### 5.81.3 Parameters

### 5.81.4 Notes

---

**Note:**

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

### 5.81.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_sniffer:
      anomaly:
        -
          action: "pass"
          log: "enable"
          name: "default_name_6"
          quarantine: "none"
          quarantine_expiry: "<your_own_value>"
```

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```

    quarantine_log: "disable"
    status: "disable"
    threshold: "11"
    threshold(default): "12"
    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_sensor: "<your_own_value> (source dlp.sensor.name)"
    dlp_sensor_status: "enable"
    dsri: "enable"
    host: "myhostname"
    id: "21"
    interface: "<your_own_value> (source system.interface.name)"
    ips_dos_status: "enable"
    ips_sensor: "<your_own_value> (source ips.sensor.name)"
    ips_sensor_status: "enable"
    ipv6: "enable"
    logtraffic: "all"
    max_packet_count: "28"
    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"

```

### 5.81.6 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:

### 5.81.7 Status

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

### 5.81.8 Authors

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

---

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

---

## 5.82 fortios\_firewall\_ssh\_host\_key – SSH proxy host public keys in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.82.1 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 v6.0.5

### 5.82.2 Requirements

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

- ansible>=2.9.0

### 5.82.3 Parameters

### 5.82.4 Notes

---

**Note:**

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

### 5.82.5 Examples

```
- hosts: fortigates
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"
    firewall_ssh_host_key:
      hostname: "myhostname"
      ip: "<your_own_value>"
      name: "default_name_5"
      nid: "256"
      port: "7"
      public_key: "<your_own_value>"
      status: "trusted"
      type: "RSA"
```

### 5.82.6 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:

### 5.82.7 Status

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

### 5.82.8 Authors

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

---

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

---

## 5.83 fortios\_firewall\_ssh\_local\_ca – SSH proxy local CA in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.83.1 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 v6.0.5

### 5.83.2 Requirements

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

- ansible>=2.9.0

### 5.83.3 Parameters

### 5.83.4 Notes

---

**Note:**

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

### 5.83.5 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: SSH proxy local CA.
  fortios_firewall_ssh_local_ca:
    vdom: "{{ vdom }}"
    state: "present"
    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"

```

### 5.83.6 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:

### 5.83.7 Status

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

### 5.83.8 Authors

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

---

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

---

## 5.84 fortios\_firewall\_ssh\_local\_key – SSH proxy local keys in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

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

### 5.84.1 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 v6.0.5

### 5.84.2 Requirements

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

- ansible>=2.9.0

### 5.84.3 Parameters

### 5.84.4 Notes

---

**Note:**

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

### 5.84.5 Examples

```
- hosts: fortigates
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"
    firewall_ssh_local_key:
      name: "default_name_3"
      password: "<your_own_value>"
```

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```
private_key: "<your_own_value>"
public_key: "<your_own_value>"
source: "built-in"
```

### 5.84.6 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:

### 5.84.7 Status

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

### 5.84.8 Authors

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

---

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

---

## 5.85 fortios\_firewall\_ssh\_setting – SSH proxy settings in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.85.1 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 v6.0.5

### 5.85.2 Requirements

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

- ansible>=2.9.0

### 5.85.3 Parameters

### 5.85.4 Notes

---

**Note:**

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

### 5.85.5 Examples

```
- hosts: fortigates
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) "
```

### 5.85.6 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:



### 5.85.7 Status

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

### 5.85.8 Authors

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

---

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

---

## 5.86 fortios\_firewall\_ssl\_server – Configure SSL servers in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.86.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ssl\_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.86.2 Requirements

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

- ansible>=2.9.0

### 5.86.3 Parameters

### 5.86.4 Notes

---

**Note:**

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

### 5.86.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_ssl_server:
          add_header_x_forwarded_proto: "enable"
          ip: "<your_own_value>"
          mapped_port: "5"
          name: "default_name_6"
          port: "7"
          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"
```

### 5.86.6 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:

### 5.86.7 Status

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

### 5.86.8 Authors

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

---

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

---

## 5.87 fortios\_firewall\_ssl\_setting – SSL proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.87.1 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 v6.0.5

### 5.87.2 Requirements

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

- ansible>=2.9.0

### 5.87.3 Parameters

### 5.87.4 Notes

---

**Note:**

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

### 5.87.5 Examples

```
- hosts: fortigates
  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: "4"
          cert_cache_timeout: "5"
          kxp_queue_threshold: "6"
          no_matching_cipher_action: "bypass"
          proxy_connect_timeout: "8"
          session_cache_capacity: "9"
          session_cache_timeout: "10"
          ssl_dh_bits: "768"
          ssl_queue_threshold: "12"
          ssl_send_empty_frags: "enable"
```

### 5.87.6 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:

### 5.87.7 Status

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

### 5.87.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

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

---

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

---

## 5.88 fortios\_firewall\_ssl\_ssh\_profile – Configure SSL/SSH protocol options in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.88.1 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 v6.0.5

### 5.88.2 Requirements

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

- ansible>=2.9.0

### 5.88.3 Parameters

### 5.88.4 Notes

---

**Note:**

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

## 5.88.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_ssl_ssh_profile:
      caname: "<your_own_value> (source vpn.certificate.local.name)"
      comment: "Optional comments."
      ftps:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        ports: "8"
        status: "disable"
        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
      https:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        ports: "15"
        status: "disable"
        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
      imaps:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        ports: "22"
        status: "disable"
        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
      mapi_over_https: "enable"
      name: "default_name_27"
      pop3s:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        ports: "31"
        status: "disable"
        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
      rpc_over_https: "enable"
      server_cert: "<your_own_value> (source vpn.certificate.local.name)"
      server_cert_mode: "re-sign"
      smtps:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        ports: "41"
        status: "disable"
```

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```

        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
    ssh:
        inspect_all: "disable"
        ports: "47"
        ssh_algorithm: "compatible"
        ssh_policy_check: "disable"
        ssh_tun_policy_check: "disable"
        status: "disable"
        unsupported_version: "bypass"
    ssl:
        allow_invalid_server_cert: "enable"
        client_cert_request: "bypass"
        inspect_all: "disable"
        unsupported_ssl: "bypass"
        untrusted_cert: "allow"
    ssl_anomalies_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: "63"
        id: "64"
        regex: "<your_own_value>"
        type: "fortiguard-category"
        wildcard_fqdn: "<your_own_value> (source firewall.wildcard-fqdn.custom.
↪name firewall.wildcard-fqdn.group.name) "
        ssl_exemptions_log: "disable"
        ssl_server:
        -
            ftps_client_cert_request: "bypass"
            https_client_cert_request: "bypass"
            id: "72"
            imaps_client_cert_request: "bypass"
            ip: "<your_own_value>"
            pop3s_client_cert_request: "bypass"
            smtps_client_cert_request: "bypass"
            ssl_other_client_cert_request: "bypass"
        untrusted_caname: "<your_own_value> (source vpn.certificate.local.name) "
        use_ssl_server: "disable"
        whitelist: "enable"

```

### 5.88.6 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:

### 5.88.7 Status

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

### 5.88.8 Authors

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

---

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

---

## 5.89 fortios\_firewall\_ttl\_policy – Configure TTL policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.89.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ttl\_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.89.2 Requirements

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

- ansible>=2.9.0



### 5.89.3 Parameters

### 5.89.4 Notes

**Note:**

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

### 5.89.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Configure TTL policies.
      fortios_firewall_ttl_policy:
        vdom: "{{ vdom }}"
        state: "present"
        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>"
```

### 5.89.6 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:

### 5.89.7 Status

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

## 5.89.8 Authors

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

---

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

---

## 5.90 fortios\_firewall\_vip – Configure virtual IP for IPv4 in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.90.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.90.2 Requirements

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

- ansible>=2.9.0

### 5.90.3 Parameters

### 5.90.4 Notes

**Note:**

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

### 5.90.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_vip:
          arp_reply: "disable"
          color: "4"
          comment: "Comment."
          dns_mapping_ttl: "6"
          extaddr:
            -
              name: "default_name_8 (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: "12"
          http_cookie_age: "13"
          http_cookie_domain: "<your_own_value>"
          http_cookie_domain_from_host: "disable"
          http_cookie_generation: "16"
          http_cookie_path: "<your_own_value>"
          http_cookie_share: "disable"
          http_ip_header: "enable"
          http_ip_header_name: "<your_own_value>"
          http_multiplex: "enable"
          https_cookie_secure: "disable"
          id: "23"
          ldb_method: "static"
          mapped_addr: "<your_own_value> (source firewall.address.name)"
          mappedip:
            -
              range: "<your_own_value>"
          mappedport: "<your_own_value>"
```

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```

max_embryonic_connections: "29"
monitor:
  -
    name: "default_name_31 (source firewall.ldb-monitor.name)"
  name: "default_name_32"
  nat_source_vip: "disable"
  outlook_web_access: "disable"
  persistence: "none"
  portforward: "disable"
  portmapping_type: "1-to-1"
  protocol: "tcp"
  realservers:
    -
      client_ip: "<your_own_value>"
      healthcheck: "disable"
      holddown_interval: "42"
      http_host: "myhostname"
      id: "44"
      ip: "<your_own_value>"
      max_connections: "46"
      monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
      port: "48"
      status: "active"
      weight: "50"
      server_type: "http"
      service:
        -
          name: "default_name_53 (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_algorithm: "high"
          ssl_certificate: "<your_own_value> (source vpn.certificate.local.name)"
          ssl_cipher_suites:
            -
              cipher: "TLS-ECDHE-RSA-WITH-CHACHA20-POLY1305-SHA256"
              priority: "62"
              versions: "ssl-3.0"
          ssl_client_fallback: "disable"
          ssl_client_renegotiation: "allow"
          ssl_client_session_state_max: "66"
          ssl_client_session_state_timeout: "67"
          ssl_client_session_state_type: "disable"
          ssl_dh_bits: "768"
          ssl_hpkp: "disable"
          ssl_hpkp_age: "71"
          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"

```

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```

ssl_hsts_age: "77"
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-ECDHE-RSA-WITH-CHACHA20-POLY1305-SHA256"
  priority: "89"
  versions: "ssl-3.0"
ssl_server_max_version: "ssl-3.0"
ssl_server_min_version: "ssl-3.0"
ssl_server_session_state_max: "93"
ssl_server_session_state_timeout: "94"
ssl_server_session_state_type: "disable"
type: "static-nat"
uuid: "<your_own_value>"
weblogic_server: "disable"
websphere_server: "disable"

```

## 5.90.6 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:

## 5.90.7 Status

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

## 5.90.8 Authors

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

---

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

---

## 5.91 fortios\_firewall\_vip46 – Configure IPv4 to IPv6 virtual IPs in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.91.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.91.2 Requirements

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

- ansible>=2.9.0

### 5.91.3 Parameters

### 5.91.4 Notes

---

**Note:**

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

### 5.91.5 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 to IPv6 virtual IPs.
  fortios_firewall_vip46:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_vip46:
      arp_reply: "disable"
      color: "4"
      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: "20"
              id: "21"
              ip: "<your_own_value>"
              max_connections: "23"
              monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
              port: "25"
              status: "active"
              weight: "27"
              server_type: "http"
              src_filter:
                -
                  range: "<your_own_value>"
              type: "static-nat"
              uuid: "<your_own_value>"

```

### 5.91.6 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:

### 5.91.7 Status

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

### 5.91.8 Authors

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

---

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

---

## 5.92 fortios\_firewall\_vip6 – Configure virtual IP for IPv6 in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.92.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.92.2 Requirements

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

- ansible>=2.9.0



### 5.92.3 Parameters

### 5.92.4 Notes

**Note:**

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

### 5.92.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_vip6:
          arp_reply: "disable"
          color: "4"
          comment: "Comment."
          extip: "<your_own_value>"
          extport: "<your_own_value>"
          http_cookie_age: "8"
          http_cookie_domain: "<your_own_value>"
          http_cookie_domain_from_host: "disable"
          http_cookie_generation: "11"
          http_cookie_path: "<your_own_value>"
          http_cookie_share: "disable"
          http_ip_header: "enable"
          http_ip_header_name: "<your_own_value>"
          http_multiplex: "enable"
          https_cookie_secure: "disable"
          id: "18"
          ldb_method: "static"
          mappedip: "<your_own_value>"
          mappedport: "<your_own_value>"
          max_embryonic_connections: "22"
          monitor:
            -
              name: "default_name_24 (source firewall.ldb-monitor.name)"
            name: "default_name_25"
            outlook_web_access: "disable"
            persistence: "none"
            portforward: "disable"
            protocol: "tcp"
            realservers:
```

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```

-
  client_ip: "<your_own_value>"
  healthcheck: "disable"
  holddown_interval: "33"
  http_host: "myhostname"
  id: "35"
  ip: "<your_own_value>"
  max_connections: "37"
  monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
  port: "39"
  status: "active"
  weight: "41"
server_type: "http"
src_filter:
-
  range: "<your_own_value>"
ssl_algorithm: "high"
ssl_certificate: "<your_own_value> (source vpn.certificate.local.name)"
ssl_cipher_suites:
-
  cipher: "TLS-ECDHE-RSA-WITH-CHACHA20-POLY1305-SHA256"
  priority: "49"
  versions: "ssl-3.0"
ssl_client_fallback: "disable"
ssl_client_renegotiation: "allow"
ssl_client_session_state_max: "53"
ssl_client_session_state_timeout: "54"
ssl_client_session_state_type: "disable"
ssl_dh_bits: "768"
ssl_hpkp: "disable"
ssl_hpkp_age: "58"
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: "64"
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-ECDHE-RSA-WITH-CHACHA20-POLY1305-SHA256"
  priority: "76"
  versions: "ssl-3.0"
ssl_server_max_version: "ssl-3.0"
ssl_server_min_version: "ssl-3.0"
ssl_server_session_state_max: "80"
ssl_server_session_state_timeout: "81"

```

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```

ssl_server_session_state_type: "disable"
type: "static-nat"
uuid: "<your_own_value>"
weblogic_server: "disable"
websphere_server: "disable"

```

### 5.92.6 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:

### 5.92.7 Status

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

### 5.92.8 Authors

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

---

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

---

## 5.93 fortios\_firewall\_vip64 – Configure IPv6 to IPv4 virtual IPs in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.93.1 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 vip64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.93.2 Requirements

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

- ansible>=2.9.0

### 5.93.3 Parameters

### 5.93.4 Notes

---

**Note:**

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

### 5.93.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_vip64:
      arp_reply: "disable"
      color: "4"
      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"
```

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```

protocol: "tcp"
realserver:
-
  client_ip: "<your_own_value>"
  healthcheck: "disable"
  holddown_interval: "20"
  id: "21"
  ip: "<your_own_value>"
  max_connections: "23"
  monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
  port: "25"
  status: "active"
  weight: "27"
  server_type: "http"
  src_filter:
  -
    range: "<your_own_value>"
  type: "static-nat"
  uuid: "<your_own_value>"

```

### 5.93.6 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:

### 5.93.7 Status

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

### 5.93.8 Authors

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

---

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

---

## 5.94 fortios\_firewall\_vipgrp – Configure IPv4 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.94.1 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 v6.0.5

### 5.94.2 Requirements

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

- ansible>=2.9.0

### 5.94.3 Parameters

### 5.94.4 Notes

---

#### Note:

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

### 5.94.5 Examples

```
- hosts: fortigates
collections:
  - 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 virtual IP groups.
  fortios_firewall_vipgrp:
```

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```

vdom: "{{ vdom }}"
state: "present"
firewall_vipgrp:
  color: "3"
  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>"

```

### 5.94.6 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:

### 5.94.7 Status

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

### 5.94.8 Authors

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

---

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

---

## 5.95 fortios\_firewall\_vipgrp46 – Configure IPv4 to IPv6 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

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

### 5.95.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.95.2 Requirements

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

- ansible>=2.9.0

### 5.95.3 Parameters

### 5.95.4 Notes

---

**Note:**

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

### 5.95.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_vipgrp46:
      color: "3"
      comments: "<your_own_value>"
      member:
        -
          name: "default_name_6 (source firewall.vip46.name)"
```

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```
name: "default_name_7"
uuid: "<your_own_value>"
```

### 5.95.6 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:

### 5.95.7 Status

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

### 5.95.8 Authors

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

---

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

---

## 5.96 fortios\_firewall\_vipgrp6 – Configure IPv6 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.96.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.96.2 Requirements

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

- ansible>=2.9.0

### 5.96.3 Parameters

### 5.96.4 Notes

---

**Note:**

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

### 5.96.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    firewall_vipgrp6:
      color: "3"
      comments: "<your_own_value>"
      member:
        -
          name: "default_name_6 (source firewall.vip6.name)"
          name: "default_name_7"
          uuid: "<your_own_value>"
```

### 5.96.6 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:

### 5.96.7 Status

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

### 5.96.8 Authors

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

---

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

---

## 5.97 fortios\_firewall\_vipgrp64 – Configure IPv6 to IPv4 virtual IP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.97.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.97.2 Requirements

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

- ansible>=2.9.0

### 5.97.3 Parameters

### 5.97.4 Notes

---

**Note:**

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

### 5.97.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        firewall_vipgrp64:
          color: "3"
          comments: "<your_own_value>"
          member:
            -
              name: "default_name_6 (source firewall.vip64.name) "
            name: "default_name_7"
            uuid: "<your_own_value>"
```

### 5.97.6 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:

### 5.97.7 Status

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

### 5.97.8 Authors

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

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

---

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

---

## 5.98 fortios\_firewall\_wildcard\_fqdn\_custom – Config global/VDOM Wildcard FQDN address in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.98.1 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 v6.0.5

### 5.98.2 Requirements

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

- ansible>=2.9.0

### 5.98.3 Parameters

### 5.98.4 Notes

---

**Note:**

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

## 5.98.5 Examples

```
- hosts: fortigates
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"
    firewall_wildcard_fqdn_custom:
      color: "3"
      comment: "Comment."
      name: "default_name_5"
      uuid: "<your_own_value>"
      visibility: "enable"
      wildcard_fqdn: "<your_own_value>"
```

## 5.98.6 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:

## 5.98.7 Status

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

## 5.98.8 Authors

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

---

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

---

## 5.99 fortios\_firewall\_wildcard\_fqdn\_group – Config global Wildcard FQDN address groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.99.1 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 v6.0.5

### 5.99.2 Requirements

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

- ansible>=2.9.0

### 5.99.3 Parameters

### 5.99.4 Notes

---

#### Note:

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

### 5.99.5 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: Config global Wildcard FQDN address groups.
  fortios_firewall_wildcard_fqdn_group:
    vdom: "{{ vdom }}"
    state: "present"
    firewall_wildcard_fqdn_group:
      color: "3"
      comment: "Comment."
      member:
        -
          name: "default_name_6 (source firewall.wildcard-fqdn.custom.name) "
      name: "default_name_7"
      uuid: "<your_own_value>"
      visibility: "enable"
```

### 5.99.6 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:

### 5.99.7 Status

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

### 5.99.8 Authors

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

---

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

---

## 5.100 fortios\_ftp\_proxy\_explicit – Configure explicit FTP proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.



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

### 5.100.1 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 v6.0.5

### 5.100.2 Requirements

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

- ansible>=2.9.0

### 5.100.3 Parameters

### 5.100.4 Notes

---

#### Note:

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

### 5.100.5 Examples

```
- hosts: fortigates
collections:
  - 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_ftp_proxy_explicit:
    vdom: "{{ vdom }}"
```

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```
ftp_proxy_explicit:
  incoming_ip: "<your_own_value>"
  incoming_port: "<your_own_value>"
  outgoing_ip: "<your_own_value>"
  sec_default_action: "accept"
  status: "enable"
```

### 5.100.6 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:

### 5.100.7 Status

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

### 5.100.8 Authors

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

---

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

---

## 5.101 fortios\_icap\_profile – Configure ICAP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 5.101.1 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 v6.0.5

### 5.101.2 Requirements

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

- ansible>=2.9.0

### 5.101.3 Parameters

### 5.101.4 Notes

---

**Note:**

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

### 5.101.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        icap_profile:
          methods: "delete"
          name: "default_name_4"
          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)"
          response: "disable"
          response_failure: "error"
          response_path: "<your_own_value>"
```

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```
response_server: "<your_own_value> (source icap.server.name) "  
streaming_content_bypass: "disable"
```

### 5.101.6 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:

### 5.101.7 Status

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

### 5.101.8 Authors

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

---

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

---

## 5.102 fortios\_icap\_server – Configure ICAP servers in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.102.1 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 v6.0.5

### 5.102.2 Requirements

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

- ansible>=2.9.0

### 5.102.3 Parameters

### 5.102.4 Notes

---

**Note:**

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

### 5.102.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    icap_server:
      ip_address: "<your_own_value>"
      ip_version: "4"
      ip6_address: "<your_own_value>"
      max_connections: "6"
      name: "default_name_7"
      port: "8"
```

### 5.102.6 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:

## 5.102.7 Status

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

## 5.102.8 Authors

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

---

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

---

## 5.103 fortios\_ips\_custom – Configure IPS custom signature in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.103.1 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 v6.0.5

### 5.103.2 Requirements

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

- ansible>=2.9.0

### 5.103.3 Parameters

### 5.103.4 Notes

**Note:**

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

### 5.103.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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: "11"
          severity: "<your_own_value>"
          sig_name: "<your_own_value>"
          signature: "<your_own_value>"
          status: "disable"
          tag: "<your_own_value>"
```

### 5.103.6 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:

### 5.103.7 Status

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

### 5.103.8 Authors

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

---

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

---

## 5.104 fortios\_ips\_decoder – Configure IPS decoder in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.104.1 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 v6.0.5

### 5.104.2 Requirements

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

- ansible>=2.9.0



### 5.104.3 Parameters

### 5.104.4 Notes

**Note:**

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

### 5.104.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        ips_decoder:
          name: "default_name_3"
          parameter:
            -
              name: "default_name_5"
              value: "<your_own_value>"
```

### 5.104.6 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:

### 5.104.7 Status

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

### 5.104.8 Authors

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

- Nicolas Thomas (@thomnico)

---

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

---

## 5.105 fortios\_ips\_global – Configure IPS global parameter in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.105.1 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 v6.0.5

### 5.105.2 Requirements

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

- ansible>=2.9.0

### 5.105.3 Parameters

### 5.105.4 Notes

---

**Note:**

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

## 5.105.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      database: "regular"
      deep_app_insp_db_limit: "5"
      deep_app_insp_timeout: "6"
      engine_count: "7"
      exclude_signatures: "none"
      fail_open: "enable"
      intelligent_mode: "enable"
      session_limit_mode: "accurate"
      skype_client_public_ipaddr: "<your_own_value>"
      socket_size: "13"
      sync_session_ttl: "enable"
      traffic_submit: "enable"
```

## 5.105.6 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:

## 5.105.7 Status

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

## 5.105.8 Authors

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

---

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

---

## 5.106 fortios\_ips\_rule – Configure IPS rules in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.106.1 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 v6.0.5

### 5.106.2 Requirements

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

- ansible>=2.9.0

### 5.106.3 Parameters

### 5.106.4 Notes

---

**Note:**

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

### 5.106.5 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 IPS rules.
  fortios_ips_rule:
    vdom: "{{ vdom }}"
    state: "present"
    ips_rule:
      action: "pass"
      application: "<your_own_value>"
      date: "5"
      group: "<your_own_value>"
      location: "<your_own_value>"
      log: "disable"
      log_packet: "disable"
      metadata:
        -
          id: "11"
          metaid: "12"
          valueid: "13"
      name: "default_name_14"
      os: "<your_own_value>"
      rev: "16"
      rule_id: "17"
      service: "<your_own_value>"
      severity: "<your_own_value>"
      status: "disable"

```

### 5.106.6 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:

### 5.106.7 Status

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

### 5.106.8 Authors

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

---

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

---

## 5.107 fortios\_ips\_rule\_settings – Configure IPS rule setting in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.107.1 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 v6.0.5

### 5.107.2 Requirements

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

- ansible>=2.9.0

### 5.107.3 Parameters

### 5.107.4 Notes

---

**Note:**

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

### 5.107.5 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 IPS rule setting.
  fortios_ips_rule_settings:
    vdom: "{{ vdom }}"
    state: "present"
    ips_rule_settings:
      id: "3"

```

### 5.107.6 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:

### 5.107.7 Status

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

### 5.107.8 Authors

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

---

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

---

## 5.108 fortios\_ips\_sensor – Configure IPS sensor in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

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

## 5.108.1 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 v6.0.5

## 5.108.2 Requirements

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

- ansible>=2.9.0

## 5.108.3 Parameters

## 5.108.4 Notes

---

### Note:

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

## 5.108.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    ips_sensor:
      block_malicious_url: "disable"
      comment: "Comment."
      entries:
        -
          action: "pass"
```

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```

    application: "<your_own_value>"
    exempt_ip:
      -
        dst_ip: "<your_own_value>"
        id: "10"
        src_ip: "<your_own_value>"
    id: "12"
    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: "22"
    rate_duration: "23"
    rate_mode: "periodical"
    rate_track: "none"
    rule:
      -
        id: "27"
        severity: "<your_own_value>"
        status: "disable"
    extended_log: "enable"
    filter:
      -
        action: "pass"
        application: "<your_own_value>"
        location: "<your_own_value>"
        log: "disable"
        log_packet: "disable"
        name: "default_name_37"
        os: "<your_own_value>"
        protocol: "<your_own_value>"
        quarantine: "none"
        quarantine_expiry: "41"
        quarantine_log: "disable"
        severity: "<your_own_value>"
        status: "disable"
    name: "default_name_45"
    override:
      -
        action: "pass"
        exempt_ip:
          -
            dst_ip: "<your_own_value>"
            id: "50"
            src_ip: "<your_own_value>"
        log: "disable"
        log_packet: "disable"
        quarantine: "none"
        quarantine_expiry: "55"
        quarantine_log: "disable"
        rule_id: "57"
        status: "disable"

```

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```
replacemsg_group: "<your_own_value> (source system.replacemsg-group.name) "
```

## 5.108.6 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:

## 5.108.7 Status

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

## 5.108.8 Authors

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

---

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

---

## 5.109 fortios\_ips\_settings – Configure IPS VDOM parameter in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.109.1 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 v6.0.5

### 5.109.2 Requirements

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

- ansible>=2.9.0

### 5.109.3 Parameters

### 5.109.4 Notes

---

**Note:**

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

### 5.109.5 Examples

```
- hosts: fortigates
collections:
  - 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: "3"
      packet_log_history: "4"
      packet_log_memory: "5"
      packet_log_post_attack: "6"
```

### 5.109.6 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:

### 5.109.7 Status

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

## 5.109.8 Authors

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

---

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

---

## 5.110 fortios\_log\_custom\_field – Configure custom log fields in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.110.1 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 v6.0.5

### 5.110.2 Requirements

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

- ansible>=2.9.0

### 5.110.3 Parameters

### 5.110.4 Notes

**Note:**

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

### 5.110.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        log_custom_field:
          id: "3"
          name: "default_name_4"
          value: "<your_own_value>"
```

### 5.110.6 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:

### 5.110.7 Status

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

### 5.110.8 Authors

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

---

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

---

## 5.111 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 2.8.

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

### 5.111.1 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 v6.0.5

### 5.111.2 Requirements

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

- ansible>=2.9.0

### 5.111.3 Parameters

### 5.111.4 Notes

---

**Note:**

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

### 5.111.5 Examples

```
- hosts: fortigates
collections:
  - 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"
        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>"
        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"
```

### 5.111.6 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:

### 5.111.7 Status

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

### 5.111.8 Authors

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

---

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

---

## 5.112 fortios\_log\_disk\_setting – Settings for local disk logging in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.112.1 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 v6.0.5

### 5.112.2 Requirements

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

- ansible>=2.9.0



### 5.112.3 Parameters

### 5.112.4 Notes

**Note:**

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

### 5.112.5 Examples

```
- hosts: fortigates
  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 local disk logging.
      fortios_log_disk_setting:
        vdom: "{{ vdom }}"
        log_disk_setting:
          diskfull: "overwrite"
          dlp_archive_quota: "4"
          full_final_warning_threshold: "5"
          full_first_warning_threshold: "6"
          full_second_warning_threshold: "7"
          ips_archive: "enable"
          log_quota: "9"
          max_log_file_size: "10"
          max_policy_packet_capture_size: "11"
          maximum_log_age: "12"
          report_quota: "13"
          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: "26"
          uploadsched: "disable"
          uploadtime: "<your_own_value>"
          uploadtype: "traffic"
          uploaduser: "<your_own_value>"
```

### 5.112.6 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:

### 5.112.7 Status

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

### 5.112.8 Authors

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

---

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

---

## 5.113 fortios\_log\_eventfilter – Configure log event filters in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.113.1 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 v6.0.5

### 5.113.2 Requirements

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

- ansible>=2.9.0

### 5.113.3 Parameters

### 5.113.4 Notes

---

**Note:**

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

### 5.113.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
      compliance_check: "enable"
      endpoint: "enable"
      event: "enable"
      ha: "enable"
      router: "enable"
      security_rating: "enable"
      system: "enable"
      user: "enable"
      vpn: "enable"
      wan_opt: "enable"
      wireless_activity: "enable"
```

### 5.113.6 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:

### 5.113.7 Status

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

### 5.113.8 Authors

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

---

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

---

## 5.114 fortios\_log\_fortianalyzer2\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.114.1 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 v6.0.5

### 5.114.2 Requirements

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

- ansible>=2.9.0

### 5.114.3 Parameters

### 5.114.4 Notes

**Note:**

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

### 5.114.5 Examples

```
- hosts: fortigates
  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"
          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"
```

### 5.114.6 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:

### 5.114.7 Status

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

### 5.114.8 Authors

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

---

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

---

## 5.115 fortios\_log\_fortianalyzer2\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.115.1 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 v6.0.5

### 5.115.2 Requirements

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

- ansible>=2.9.0

### 5.115.3 Parameters

### 5.115.4 Notes

**Note:**

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

### 5.115.5 Examples

```
- hosts: fortigates
  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: "3"
      certificate: "<your_own_value> (source certificate.local.name)"
      conn_timeout: "5"
      enc_algorithm: "high-medium"
      faz_type: "7"
      hmac_algorithm: "sha256"
      ips_archive: "enable"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "11"
      monitor_keepalive_period: "12"
      reliable: "enable"
      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>"
```

### 5.115.6 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:

### 5.115.7 Status

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

## 5.115.8 Authors

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

---

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

---

## 5.116 fortios\_log\_fortianalyzer3\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.116.1 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 v6.0.5

### 5.116.2 Requirements

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

- ansible>=2.9.0



### 5.116.3 Parameters

### 5.116.4 Notes

**Note:**

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

### 5.116.5 Examples

```
- hosts: fortigates
  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 }}"
        log_fortianalyzer3_filter:
          anomaly: "enable"
          dlp_archive: "enable"
          dns: "enable"
          filter: "<your_own_value>"
          filter_type: "include"
          forward_traffic: "enable"
          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"
```

### 5.116.6 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:

### 5.116.7 Status

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

### 5.116.8 Authors

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

---

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

---

## 5.117 fortios\_log\_fortianalyzer3\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.117.1 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 v6.0.5

### 5.117.2 Requirements

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

- ansible>=2.9.0

### 5.117.3 Parameters

### 5.117.4 Notes

**Note:**

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

### 5.117.5 Examples

```
- hosts: fortigates
  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: "3"
      certificate: "<your_own_value> (source certificate.local.name)"
      conn_timeout: "5"
      enc_algorithm: "high-medium"
      faz_type: "7"
      hmac_algorithm: "sha256"
      ips_archive: "enable"
      mgmt_name: "<your_own_value>"
      monitor_failure_retry_period: "11"
      monitor_keepalive_period: "12"
      reliable: "enable"
      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>"
```

### 5.117.6 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:

### 5.117.7 Status

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

## 5.117.8 Authors

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

---

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

---

## 5.118 fortios\_log\_fortianalyzer\_filter – Filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.118.1 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 v6.0.5

### 5.118.2 Requirements

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

- ansible>=2.9.0

### 5.118.3 Parameters

### 5.118.4 Notes

**Note:**

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

### 5.118.5 Examples

```
- hosts: fortigates
  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"
          dns: "enable"
          filter: "<your_own_value>"
          filter_type: "include"
          forward_traffic: "enable"
          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"
```

### 5.118.6 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:

### 5.118.7 Status

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

## 5.118.8 Authors

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- Frank Shen (@frankshen01)
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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.

---

## 5.119 fortios\_log\_fortianalyzer\_override\_filter – Override filters for FortiAnalyzer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.119.1 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 v6.0.5

### 5.119.2 Requirements

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

- ansible>=2.9.0

### 5.119.3 Parameters

### 5.119.4 Notes

**Note:**

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

### 5.119.5 Examples

```
- hosts: fortigates
  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"
          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"
```

### 5.119.6 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:

### 5.119.7 Status

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

## 5.119.8 Authors

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

---

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

---

## 5.120 fortios\_log\_fortianalyzer\_override\_setting – Override FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.120.1 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 v6.0.5

### 5.120.2 Requirements

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

- ansible>=2.9.0



### 5.120.3 Parameters

### 5.120.4 Notes

#### Note:

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

### 5.120.5 Examples

```
- hosts: fortigates
  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: "3"
          certificate: "<your_own_value> (source certificate.local.name)"
          conn_timeout: "5"
          enc_algorithm: "high-medium"
          faz_type: "7"
          hmac_algorithm: "sha256"
          ips_archive: "enable"
          mgmt_name: "<your_own_value>"
          monitor_failure_retry_period: "11"
          monitor_keepalive_period: "12"
          override: "enable"
          reliable: "enable"
          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"
```

### 5.120.6 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:

## 5.120.7 Status

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

## 5.120.8 Authors

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

---

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

---

## 5.121 fortios\_log\_fortianalyzer\_setting – Global FortiAnalyzer settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.121.1 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 v6.0.5

### 5.121.2 Requirements

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

- ansible>=2.9.0

### 5.121.3 Parameters

### 5.121.4 Notes

#### Note:

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

### 5.121.5 Examples

```
- hosts: fortigates
  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: "3"
          certificate: "<your_own_value> (source certificate.local.name) "
          conn_timeout: "5"
          enc_algorithm: "high-medium"
          faz_type: "7"
          hmac_algorithm: "sha256"
          ips_archive: "enable"
          mgmt_name: "<your_own_value>"
          monitor_failure_retry_period: "11"
          monitor_keepalive_period: "12"
          reliable: "enable"
          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>"
```

### 5.121.6 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:

### 5.121.7 Status

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

## 5.121.8 Authors

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

---

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

---

## 5.122 fortios\_log\_fortiguard\_filter – Filters for FortiCloud in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.122.1 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 v6.0.5

### 5.122.2 Requirements

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

- ansible>=2.9.0

### 5.122.3 Parameters

### 5.122.4 Notes

**Note:**

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

### 5.122.5 Examples

```
- hosts: fortigates
  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"
          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"
```

### 5.122.6 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:

### 5.122.7 Status

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

## 5.122.8 Authors

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

---

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

---

## 5.123 fortios\_log\_fortiguard\_override\_filter – Override filters for FortiCloud in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.123.1 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 v6.0.5

### 5.123.2 Requirements

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

- ansible<=2.9.0

### 5.123.3 Parameters

### 5.123.4 Notes

**Note:**

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

### 5.123.5 Examples

```
- hosts: fortigates
  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"
          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"
```

### 5.123.6 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:

### 5.123.7 Status

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

### 5.123.8 Authors

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

---

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

---

## 5.124 fortios\_log\_fortiguard\_override\_setting – Override global FortiCloud logging settings for this VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.124.1 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 v6.0.5

### 5.124.2 Requirements

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

- ansible>=2.9.0



### 5.124.3 Parameters

### 5.124.4 Notes

**Note:**

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

### 5.124.5 Examples

```
- hosts: fortigates
  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:
          override: "enable"
          status: "enable"
          upload_day: "<your_own_value>"
          upload_interval: "daily"
          upload_option: "store-and-upload"
          upload_time: "<your_own_value>"
```

### 5.124.6 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:

### 5.124.7 Status

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

### 5.124.8 Authors

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

- Nicolas Thomas (@thomnico)

---

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

---

## 5.125 fortios\_log\_fortiguard\_setting – Configure logging to Forti-Cloud in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.125.1 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 v6.0.5

### 5.125.2 Requirements

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

- ansible>=2.9.0

### 5.125.3 Parameters

### 5.125.4 Notes

---

**Note:**

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

### 5.125.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      enc_algorithm: "high-medium"
      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>"
```

### 5.125.6 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:

### 5.125.7 Status

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

### 5.125.8 Authors

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

---

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

---

## 5.126 fortios\_log\_gui\_display – Configure how log messages are displayed on the GUI in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.126.1 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 v6.0.5

### 5.126.2 Requirements

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

- ansible>=2.9.0

### 5.126.3 Parameters

### 5.126.4 Notes

---

#### Note:

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

### 5.126.5 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 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"

```

### 5.126.6 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:

### 5.126.7 Status

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

### 5.126.8 Authors

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

---

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

---

## 5.127 fortios\_log\_memory\_filter – Filters for memory buffer in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

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

### 5.127.1 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 v6.0.5

### 5.127.2 Requirements

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

- ansible>=2.9.0

### 5.127.3 Parameters

### 5.127.4 Notes

---

**Note:**

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

### 5.127.5 Examples

```
- hosts: fortigates
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"
```

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```
event: "enable"
filter: "<your_own_value>"
filter_type: "include"
forward_traffic: "enable"
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>"
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"
```

## 5.127.6 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:

## 5.127.7 Status

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

## 5.127.8 Authors

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

---

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

---

## 5.128 fortios\_log\_memory\_global\_setting – Global settings for memory logging in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.128.1 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 v6.0.5

### 5.128.2 Requirements

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

- ansible>=2.9.0

### 5.128.3 Parameters

### 5.128.4 Notes

---

**Note:**

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

### 5.128.5 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: Global settings for memory logging.
  fortios_log_memory_global_setting:
    vdom: "{{ vdom }}"
    log_memory_global_setting:
      full_final_warning_threshold: "3"
      full_first_warning_threshold: "4"
      full_second_warning_threshold: "5"
      max_size: "6"

```

### 5.128.6 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:

### 5.128.7 Status

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

### 5.128.8 Authors

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

---

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

---

## 5.129 fortios\_log\_memory\_setting – Settings for memory buffer in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*

- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.129.1 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 v6.0.5

### 5.129.2 Requirements

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

- ansible>=2.9.0

### 5.129.3 Parameters

### 5.129.4 Notes

---

**Note:**

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

### 5.129.5 Examples

```
- hosts: fortigates
  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"
```

### 5.129.6 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:

### 5.129.7 Status

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

### 5.129.8 Authors

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

---

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

---

## 5.130 fortios\_log\_null\_device\_filter – Filters for null device logging in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.130.1 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 v6.0.5

## 5.130.2 Requirements

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

- ansible>=2.9.0

## 5.130.3 Parameters

## 5.130.4 Notes

---

**Note:**

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

## 5.130.5 Examples

```
- hosts: fortigates
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"
      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"
```

## 5.130.6 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:

### 5.130.7 Status

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

### 5.130.8 Authors

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

---

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

---

## 5.131 fortios\_log\_null\_device\_setting – Settings for null device logging in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

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

### 5.131.1 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 v6.0.5

### 5.131.2 Requirements

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

- ansible>=2.9.0

### 5.131.3 Parameters

### 5.131.4 Notes

---

**Note:**

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

### 5.131.5 Examples

```
- hosts: fortigates
  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"
```

### 5.131.6 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:

### 5.131.7 Status

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

### 5.131.8 Authors

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

---

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

---

## 5.132 fortios\_log\_setting – Configure general log settings in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.132.1 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 v6.0.5

### 5.132.2 Requirements

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

- ansible>=2.9.0

### 5.132.3 Parameters

### 5.132.4 Notes

---

**Note:**

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

### 5.132.5 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 general log settings.
  fortios_log_setting:
    vdom: "{{ vdom }}"
    log_setting:
      brief_traffic_format: "enable"
      custom_log_fields:
        -
          field_id: "<your_own_value> (source log.custom-field.id)"
      daemon_log: "enable"
      expolicy_implicit_log: "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"
      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"
      user_anonymize: "enable"
```

### 5.132.6 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:

### 5.132.7 Status

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

### 5.132.8 Authors

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

---

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

---



## 5.133 fortios\_log\_syslogd2\_filter – Filters for remote system server in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

### 5.133.1 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 v6.0.5

### 5.133.2 Requirements

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

- ansible>=2.9.0

### 5.133.3 Parameters

### 5.133.4 Notes

---

#### Note:

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

### 5.133.5 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: 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"
      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"
```

### 5.133.6 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:

### 5.133.7 Status

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

### 5.133.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.134 fortios\_log\_syslogd2\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.134.1 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 v6.0.5

### 5.134.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.134.3 Parameters

### 5.134.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.134.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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(continued from previous page)

```
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"
      mode: "udp"
      port: "12"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

### 5.134.6 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:

### 5.134.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.134.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.135 fortios\_log\_syslogd3\_filter – Filters for remote system server in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.135.1 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 v6.0.5

### 5.135.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.135.3 Parameters

### 5.135.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.135.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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(continued from previous page)

```
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"
      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"
```

### 5.135.6 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:

### 5.135.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.135.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.136 fortios\_log\_syslogd3\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.136.1 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 v6.0.5

### 5.136.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.136.3 Parameters

### 5.136.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.136.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

(continues on next page)

(continued from previous page)

```
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"
      mode: "udp"
      port: "12"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

### 5.136.6 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:

### 5.136.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.136.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.137 fortios\_log\_syslogd4\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.137.1 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 v6.0.5

### 5.137.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.137.3 Parameters

### 5.137.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.137.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

(continues on next page)

(continued from previous page)

```
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"
      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"
```

### 5.137.6 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:

### 5.137.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.137.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.138 fortios\_log\_syslogd4\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.138.1 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 v6.0.5

### 5.138.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.138.3 Parameters

### 5.138.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.138.5 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: 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"
      mode: "udp"
      port: "12"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

## 5.138.6 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:

## 5.138.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.138.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.139 fortios\_log\_syslogd\_filter – Filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.139.1 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 v6.0.5

### 5.139.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.139.3 Parameters

### 5.139.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.139.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

(continues on next page)

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```
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"
      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"
```

## 5.139.6 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:

## 5.139.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.139.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.140 fortios\_log\_syslogd\_override\_filter – Override filters for remote system server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.140.1 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 v6.0.5

### 5.140.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.140.3 Parameters

### 5.140.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.140.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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(continued from previous page)

```
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:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      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"
```

### 5.140.6 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:

### 5.140.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.140.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.141 fortios\_log\_syslogd\_override\_setting – Override settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.141.1 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 v6.0.5

### 5.141.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.141.3 Parameters

### 5.141.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.141.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

(continues on next page)

(continued from previous page)

```
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"
      mode: "udp"
      override: "enable"
      port: "13"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

## 5.141.6 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:

## 5.141.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.141.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.142 fortios\_log\_syslogd\_setting – Global settings for remote syslog server in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.142.1 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 v6.0.5

### 5.142.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.142.3 Parameters

### 5.142.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.142.5 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: 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"
      mode: "udp"
      port: "12"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

## 5.142.6 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:

## 5.142.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.142.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.143 fortios\_log\_threat\_weight – Configure threat weight settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.143.1 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 v6.0.5

### 5.143.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.143.3 Parameters

### 5.143.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.143.5 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 threat weight settings.
  fortios_log_threat_weight:
    vdom: "{{ vdom }}"
    log_threat_weight:
      application:
        -
          category: "4"
          id: "5"
          level: "disable"
      blocked_connection: "disable"
      failed_connection: "disable"
      geolocation:
        -
          country: "<your_own_value>"
          id: "11"
          level: "disable"
      ips:
        critical_severity: "disable"
        high_severity: "disable"
        info_severity: "disable"
        low_severity: "disable"
        medium_severity: "disable"
      level:
        critical: "20"
        high: "21"
        low: "22"
        medium: "23"
      malware:
        botnet_connection: "disable"
        command_blocked: "disable"
        content_disarm: "disable"
        mimefragmented: "disable"
        oversized: "disable"
        switch_proto: "disable"
        virus_blocked: "disable"
        virus_file_type_executable: "disable"
        virus_infected: "disable"
        virus_outbreak_prevention: "disable"
        virus_scan_error: "disable"
      status: "enable"
      url_block_detected: "disable"
      web:
        -
          category: "39"
          id: "40"
          level: "disable"

```

### 5.143.6 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:

### 5.143.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.143.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.144 fortios\_log\_webtrends\_filter – Filters for WebTrends in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.144.1 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 v6.0.5

### 5.144.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.144.3 Parameters

### 5.144.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.144.5 Examples

```
- hosts: fortigates
  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.
  fortios_log_webtrends_filter:
    vdom: "{{ vdom }}"
    log_webtrends_filter:
      anomaly: "enable"
      dns: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      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"
```

### 5.144.6 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:

### 5.144.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.144.8 Authors

- Link Zheng (@chillancezen)



- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.145 fortios\_log\_webtrends\_setting – Settings for WebTrends in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.145.1 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 v6.0.5

### 5.145.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.145.3 Parameters

### 5.145.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.145.5 Examples

```
- hosts: fortigates
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"
```

### 5.145.6 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:

### 5.145.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.145.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.146 fortios\_registration\_forticare – Add a FortiCare license in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.146.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify registration feature and forticare category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.146.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.146.3 Parameters

### 5.146.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.146.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
```

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```
ansible_httpapi_use_ssl: no
ansible_httpapi_validate_certs: no
ansible_httpapi_port: 80
tasks:
- name: Add a FortiCare license.
  fortios_registration_forticare:
    vdom: "{{ vdom }}"
    registration_forticare:
      registration_code: "<your_own_value>"
```

### 5.146.6 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:

### 5.146.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.146.8 Authors

- Frank Shen (@frankshen01)
- Link Zheng (@chillancezen)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.147 fortios\_registration\_vdom – Add a VDOM license in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 5.147.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify registration feature and vdom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.147.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.147.3 Parameters

### 5.147.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.147.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: no
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 80
  tasks:
    - name: Add a VDOM license.
      fortios_registration_vdom:
        vdom: "{{ vdom }}"
        registration_vdom:
          license: "<your_own_value>"
```

### 5.147.6 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:

### 5.147.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.147.8 Authors

- Frank Shen (@frankshen01)
- Link Zheng (@chillancezen)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.148 fortios\_report\_chart – Report chart widget configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.148.1 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 v6.0.5

### 5.148.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.148.3 Parameters

### 5.148.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.148.5 Examples

```
- hosts: fortigates
  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"
        report_chart:
          background: "<your_own_value>"
          category: "misc"
          category_series:
            databind: "<your_own_value>"
            font_size: "7"
          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"
```

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```

    status: "enable"
    favorite: "no"
    graph_type: "none"
    legend: "enable"
    legend_font_size: "33"
    name: "default_name_34"
    period: "last24h"
    policy: "36"
    style: "auto"
    title: "<your_own_value>"
    title_font_size: "39"
    type: "graph"
    value_series:
      databind: "<your_own_value>"
    x_series:
      caption: "<your_own_value>"
      caption_font_size: "45"
      databind: "<your_own_value>"
      font_size: "47"
      is_category: "yes"
      label_angle: "45-degree"
      scale_direction: "decrease"
      scale_format: "YYYY-MM-DD-HH-MM"
      scale_step: "52"
      scale_unit: "minute"
      unit: "<your_own_value>"
    y_series:
      caption: "<your_own_value>"
      caption_font_size: "57"
      databind: "<your_own_value>"
      extra_databind: "<your_own_value>"
      extra_y: "enable"
      extra_y_legend: "<your_own_value>"
      font_size: "62"
      group: "<your_own_value>"
      label_angle: "45-degree"
      unit: "<your_own_value>"
      y_legend: "<your_own_value>"

```

### 5.148.6 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:

### 5.148.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.148.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)



- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.149 fortios\_report\_dataset – Report dataset configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.149.1 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 v6.0.5

### 5.149.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.149.3 Parameters

### 5.149.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.149.5 Examples

```
- hosts: fortigates
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"
    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: "14"
    query: "<your_own_value>"
```

## 5.149.6 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:

## 5.149.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.149.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.150 fortios\_report\_layout – Report layout configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.150.1 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 v6.0.5

### 5.150.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.150.3 Parameters

### 5.150.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.150.5 Examples

```
- hosts: fortigates
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"
    report_layout:
      body_item:
        -
          chart: "<your_own_value>"
          chart_options: "include-no-data"
          column: "6"
          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:
            -
              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: "31"
                  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"
```

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```

max_pdf_report: "40"
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>"
subtitle: "<your_own_value>"
time: "<your_own_value>"
title: "<your_own_value>"

```

## 5.150.6 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:

## 5.150.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.150.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.151 fortios\_report\_setting – Report setting configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.151.1 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 v6.0.5

### 5.151.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.151.3 Parameters

### 5.151.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.151.5 Examples

```
- hosts: fortigates
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"
      top_n: "6"
      web_browsing_threshold: "7"
```

### 5.151.6 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:

### 5.151.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.151.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.152 fortios\_report\_style – Report style configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.152.1 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 v6.0.5

### 5.152.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.152.3 Parameters

### 5.152.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.152.5 Examples

```
- hosts: fortigates
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:
```

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```

vdom: "{{ vdom }}"
state: "present"
report_style:
  align: "left"
  bg_color: "<your_own_value>"
  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>"

```

### 5.152.6 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:

### 5.152.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.152.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.153 fortios\_report\_theme – Report themes configuratio in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.153.1 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 v6.0.5

### 5.153.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.153.3 Parameters

### 5.153.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.153.5 Examples

```
- hosts: fortigates
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"
    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>"
```

## 5.153.6 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:

### 5.153.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.153.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.154 fortios\_router\_access\_list – Configure access lists in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.154.1 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 v6.0.5

### 5.154.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.154.3 Parameters

### 5.154.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.154.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        router_access_list:
          comments: "<your_own_value>"
          name: "default_name_4"
          rule:
            -
              action: "permit"
              exact_match: "enable"
              flags: "8"
              id: "9"
              prefix: "<your_own_value>"
              wildcard: "<your_own_value>"
```

### 5.154.6 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:

### 5.154.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.154.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.155 fortios\_router\_access\_list6 – Configure IPv6 access lists in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.155.1 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 v6.0.5

### 5.155.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.155.3 Parameters

### 5.155.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.155.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_access_list6:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          exact_match: "enable"
          flags: "8"
          id: "9"
          prefix6: "<your_own_value>"
```

### 5.155.6 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:

### 5.155.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.155.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.156 fortios\_router\_aspath\_list – Configure Autonomous System (AS) path lists in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.156.1 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 v6.0.5

### 5.156.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.156.3 Parameters

### 5.156.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.156.5 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 Autonomous System (AS) path lists.
  fortios_router_aspath_list:
    vdom: "{{ vdom }}"
    state: "present"
    router_aspath_list:
      name: "default_name_3"
      rule:
        -
          action: "deny"
          id: "6"
          regexp: "<your_own_value>"

```

### 5.156.6 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:

### 5.156.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.156.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.157 fortios\_router\_auth\_path – Configure authentication based routing in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*

- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.157.1 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 v6.0.5

### 5.157.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.157.3 Parameters

### 5.157.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.157.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        router_auth_path:
          device: "<your_own_value> (source system.interface.name) "
```

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```
gateway: "<your_own_value>"
name: "default_name_5"
```

### 5.157.6 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:

### 5.157.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.157.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.158 fortios\_router\_bfd – Configure BFD in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.158.1 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 v6.0.5

### 5.158.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.158.3 Parameters

### 5.158.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.158.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      neighbor:
        -
          interface: "<your_own_value> (source system.interface.name) "
          ip: "<your_own_value>"
```

### 5.158.6 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:

### 5.158.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.158.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.159 fortios\_router\_bfd6 – Configure IPv6 BFD in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.159.1 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 v6.0.5

### 5.159.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.159.3 Parameters

### 5.159.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.159.5 Examples

```
- hosts: fortigates
  collections:
    - 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 BFD.
      fortios_router_bfd6:
        vdom: "{{ vdom }}"
        router_bfd6:
          neighbor:
            -
              interface: "<your_own_value> (source system.interface.name)"
              ip6_address: "<your_own_value>"
```

### 5.159.6 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:

### 5.159.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.159.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.160 fortios\_router\_bgp – Configure BGP in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.160.1 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 v6.0.5

### 5.160.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.160.3 Parameters

### 5.160.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.160.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      admin_distance:
        -
          distance: "4"
          id: "5"
          neighbour_prefix: "<your_own_value>"
          route_list: "<your_own_value> (source router.access-list.name)"
      aggregate_address:
        -
          as_set: "enable"
          id: "10"
          prefix: "<your_own_value>"
          summary_only: "enable"
      aggregate_address6:
        -
          as_set: "enable"
          id: "15"
          prefix6: "<your_own_value>"
          summary_only: "enable"
      always_compare_med: "enable"
      as: "19"
      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: "27"
      confederation_peers:
        -
          peer: "<your_own_value>"
      dampening: "enable"
      dampening_max_suppress_time: "31"
      dampening_reachability_half_life: "32"
      dampening_reuse: "33"
      dampening_route_map: "<your_own_value> (source router.route-map.name)"
      dampening_suppress: "35"
      dampening_unreachability_half_life: "36"
      default_local_preference: "37"
      deterministic_med: "enable"
      distance_external: "39"
```

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```

distance_internal: "40"
distance_local: "41"
ebgp_multipath: "enable"
enforce_first_as: "enable"
fast_external_failover: "enable"
graceful_end_on_timer: "enable"
graceful_restart: "enable"
graceful_restart_time: "47"
graceful_stalepath_time: "48"
graceful_update_delay: "49"
holdtime_timer: "50"
ibgp_multipath: "enable"
ignore_optional_capability: "enable"
keepalive_timer: "53"
log_neighbour_changes: "enable"
neighbor:
-
    activate: "enable"
    activate6: "enable"
    advertisement_interval: "58"
    allowas_in: "59"
    allowas_in_enable: "enable"
    allowas_in_enable6: "enable"
    allowas_in6: "62"
    as_override: "enable"
    as_override6: "enable"
    attribute_unchanged: "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_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: "<your_own_value> (source router.route-map.name)"
        condition_type: "exist"
    connect_timer: "80"
    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_in6: "<your_own_value> (source router.access-list6.name)"
    distribute_list_out: "<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: "90"
    filter_list_in: "<your_own_value> (source router.aspath-list.name)"
    filter_list_in6: "<your_own_value> (source router.aspath-list.name)"

```

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```

filter_list_out: "<your_own_value> (source router.aspath-list.name)"
filter_list_out6: "<your_own_value> (source router.aspath-list.name)"
holdtime_timer: "95"
interface: "<your_own_value> (source system.interface.name)"
ip: "<your_own_value>"
keep_alive_timer: "98"
link_down_failover: "enable"
local_as: "100"
local_as_no_prepend: "enable"
local_as_replace_as: "enable"
maximum_prefix: "103"
maximum_prefix_threshold: "104"
maximum_prefix_threshold6: "105"
maximum_prefix_warning_only: "enable"
maximum_prefix_warning_only6: "enable"
maximum_prefix6: "108"
next_hop_self: "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_in6: "<your_own_value> (source router.prefix-list6.name)"
prefix_list_out: "<your_own_value> (source router.prefix-list.name)"
prefix_list_out6: "<your_own_value> (source router.prefix-list6.name)"
remote_as: "118"
remove_private_as: "enable"
remove_private_as6: "enable"
restart_time: "121"
retain_stale_time: "122"
route_map_in: "<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_out6: "<your_own_value> (source router.route-map.name)"
route_reflector_client: "enable"
route_reflector_client6: "enable"
route_server_client: "enable"
route_server_client6: "enable"
send_community: "standard"
send_community6: "standard"
shutdown: "enable"
soft_reconfiguration: "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: "141"
neighbor_group:
-
  activate: "enable"
  activate6: "enable"
  advertisement_interval: "145"
  allowas_in: "146"
  allowas_in_enable: "enable"
  allowas_in_enable6: "enable"

```

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```

allowas_in6: "149"
as_override: "enable"
as_override6: "enable"
attribute_unchanged: "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_restart6: "enable"
capability_orf: "none"
capability_orf6: "none"
capability_route_refresh: "enable"
connect_timer: "163"
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_in6: "<your_own_value> (source router.access-list6.name)"
distribute_list_out: "<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: "173"
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: "178"
interface: "<your_own_value> (source system.interface.name)"
keep_alive_timer: "180"
link_down_failover: "enable"
local_as: "182"
local_as_no_prepend: "enable"
local_as_replace_as: "enable"
maximum_prefix: "185"
maximum_prefix_threshold: "186"
maximum_prefix_threshold6: "187"
maximum_prefix_warning_only: "enable"
maximum_prefix_warning_only6: "enable"
maximum_prefix6: "190"
name: "default_name_191"
next_hop_self: "enable"
next_hop_self6: "enable"
override_capability: "enable"
passive: "enable"
prefix_list_in: "<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_out6: "<your_own_value> (source router.prefix-list6.name)"
remote_as: "200"
remove_private_as: "enable"
remove_private_as6: "enable"
restart_time: "203"

```

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```

    retain_stale_time: "204"
    route_map_in: "<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_out6: "<your_own_value> (source router.route-map.name)"
    route_reflector_client: "enable"
    route_reflector_client6: "enable"
    route_server_client: "enable"
    route_server_client6: "enable"
    send_community: "standard"
    send_community6: "standard"
    shutdown: "enable"
    soft_reconfiguration: "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: "223"
neighbor_range:
-
    id: "225"
    max_neighbor_num: "226"
    neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name)"
    prefix: "<your_own_value>"
neighbor_range6:
-
    id: "230"
    max_neighbor_num: "231"
    neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name)"
    prefix6: "<your_own_value>"
network:
-
    backdoor: "enable"
    id: "236"
    prefix: "<your_own_value>"
    route_map: "<your_own_value> (source router.route-map.name)"
network_import_check: "enable"
network6:
-
    backdoor: "enable"
    id: "242"
    prefix6: "<your_own_value>"
    route_map: "<your_own_value> (source router.route-map.name)"
redistribute:
-
    name: "default_name_246"
    route_map: "<your_own_value> (source router.route-map.name)"
    status: "enable"
redistribute6:
-
    name: "default_name_250"
    route_map: "<your_own_value> (source router.route-map.name)"
    status: "enable"
router_id: "<your_own_value>"
scan_time: "254"

```

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`synchronization: "enable"`

## 5.160.6 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:

## 5.160.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.160.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

## 5.161 fortios\_router\_community\_list – Configure community lists in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.161.1 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 v6.0.5

### 5.161.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.161.3 Parameters

### 5.161.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.161.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_community_list:
      name: "default_name_3"
      rule:
        -
          action: "deny"
          id: "6"
          match: "<your_own_value>"
          regexp: "<your_own_value>"
          type: "standard"
```

### 5.161.6 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:

### 5.161.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.161.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel 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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## 5.162 fortios\_router\_isis – Configure IS-IS in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.162.1 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 v6.0.5

### 5.162.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.162.3 Parameters

### 5.162.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.162.5 Examples

```
- hosts: fortigates
collections:
  - 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: "30"
          csnp_interval_12: "31"
```

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```

    hello_interval_11: "32"
    hello_interval_12: "33"
    hello_multiplier_11: "34"
    hello_multiplier_12: "35"
    hello_padding: "enable"
    lsp_interval: "37"
    lsp_retransmit_interval: "38"
    mesh_group: "enable"
    mesh_group_id: "40"
    metric_11: "41"
    metric_12: "42"
    name: "default_name_43 (source system.interface.name)"
    network_type: "broadcast"
    priority_11: "45"
    priority_12: "46"
    status: "enable"
    status6: "enable"
    wide_metric_11: "49"
    wide_metric_12: "50"
isis_net:
-
    id: "52"
    net: "<your_own_value>"
lsp_gen_interval_11: "54"
lsp_gen_interval_12: "55"
lsp_refresh_interval: "56"
max_lsp_lifetime: "57"
metric_style: "narrow"
overload_bit: "enable"
overload_bit_on_startup: "60"
overload_bit_suppress: "external"
redistribute:
-
    level: "level-1-2"
    metric: "64"
    metric_type: "external"
    protocol: "<your_own_value>"
    routemap: "<your_own_value> (source router.route-map.name)"
    status: "enable"
redistribute_11: "enable"
redistribute_11_list: "<your_own_value> (source router.access-list.name)"
redistribute_12: "enable"
redistribute_12_list: "<your_own_value> (source router.access-list.name)"
redistribute6:
-
    level: "level-1-2"
    metric: "75"
    metric_type: "external"
    protocol: "<your_own_value>"
    routemap: "<your_own_value> (source router.route-map.name)"
    status: "enable"
redistribute6_11: "enable"
redistribute6_11_list: "<your_own_value> (source router.access-list6.name)"
redistribute6_12: "enable"
redistribute6_12_list: "<your_own_value> (source router.access-list6.name)"
spf_interval_exp_11: "<your_own_value>"
spf_interval_exp_12: "<your_own_value>"

```

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```
summary_address:
-
  id: "87"
  level: "level-1-2"
  prefix: "<your_own_value>"
summary_address6:
-
  id: "91"
  level: "level-1-2"
  prefix6: "<your_own_value>"
```

### 5.162.6 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:

### 5.162.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.162.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.163 fortios\_router\_key\_chain – Configure key-chain in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.163.1 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 v6.0.5

### 5.163.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.163.3 Parameters

### 5.163.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.163.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_key_chain:
      key:
        -
          accept_lifetime: "<your_own_value>"
          id: "5"
          key_string: "<your_own_value>"
```

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```
send_lifetime: "<your_own_value>"
name: "default_name_8"
```

### 5.163.6 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:

### 5.163.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.163.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.164 fortios\_router\_multicast – Configure router multicast in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.164.1 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 v6.0.5

### 5.164.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.164.3 Parameters

### 5.164.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.164.5 Examples

```
- hosts: fortigates
collections:
  - 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"
          dr_priority: "6"
          hello_holdtime: "7"
          hello_interval: "8"
          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: "12"
            last_member_query_interval: "13"
            query_interval: "14"
            query_max_response_time: "15"
```

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```

        query_timeout: "16"
        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: "26"
        rp_candidate: "enable"
        rp_candidate_group: "<your_own_value> (source router.access-list.name) "
        rp_candidate_interval: "29"
        rp_candidate_priority: "30"
        state_refresh_interval: "31"
        static_group: "<your_own_value> (source router.multicast-flow.name) "
        ttl_threshold: "33"
    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: "40"
        bsr_interface: "<your_own_value> (source system.interface.name) "
        bsr_priority: "42"
        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: "47"
        message_interval: "48"
        null_register_retries: "49"
        register_rate_limit: "50"
        register_rp_reachability: "enable"
        register_source: "disable"
        register_source_interface: "<your_own_value> (source system.interface.
↪name) "
        register_source_ip: "<your_own_value>"
        register_suppression: "55"
        rp_address:
        -
            group: "<your_own_value> (source router.access-list.name) "
            id: "58"
            ip_address: "<your_own_value>"
            rp_register_keepalive: "60"
            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: "65"
        route_threshold: "66"

```

### 5.164.6 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:

### 5.164.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.164.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.165 fortios\_router\_multicast6 – Configure IPv6 multicast in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.165.1 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 v6.0.5

## 5.165.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.165.3 Parameters

## 5.165.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.165.5 Examples

```
- hosts: fortigates
collections:
  - 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.
  fortios_router_multicast6:
    vdom: "{{ vdom }}"
    router_multicast6:
      interface:
        -
          hello_holdtime: "4"
          hello_interval: "5"
          name: "default_name_6 (source system.interface.name)"
          multicast_pmtu: "enable"
          multicast_routing: "enable"
          pim_sm_global:
            register_rate_limit: "10"
          rp_address:
            -
              id: "12"
              ip6_address: "<your_own_value>"
```

## 5.165.6 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:



### 5.165.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.165.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.166 fortios\_router\_multicast\_flow – Configure multicast-flow in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.166.1 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 v6.0.5

### 5.166.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.166.3 Parameters

### 5.166.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.166.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_multicast_flow:
      comments: "<your_own_value>"
      flows:
        -
          group_addr: "<your_own_value>"
          id: "6"
          source_addr: "<your_own_value>"
          name: "default_name_8"
```

### 5.166.6 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:

### 5.166.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.166.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.167 fortios\_router\_ospf – Configure OSPF in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.167.1 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 v6.0.5

### 5.167.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.167.3 Parameters

### 5.167.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.167.5 Examples

```

- hosts: fortigates
  collections:
    - 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"
              default_cost: "6"
              filter_list:
                -
                  direction: "in"
                  id: "9"
                  list: "<your_own_value> (source router.access-list.name router.prefix-
↪list.name) "
                  id: "11"
                  nssa_default_information Originate: "enable"
                  nssa_default_information Originate_metric: "13"
                  nssa_default_information Originate_metric_type: "1"
                  nssa_redistribution: "enable"
                  nssa_translator_role: "candidate"
                  range:
                    -
                      advertise: "disable"
                      id: "19"
                      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: "29"
                      hello_interval: "30"
                      md5_key: "<your_own_value>"
                      name: "default_name_32"
                      peer: "<your_own_value>"
                      retransmit_interval: "34"
                      transmit_delay: "35"
                  auto_cost_ref_bandwidth: "36"
                  bfd: "enable"
                  database_overflow: "enable"

```

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```

database_overflow_max_lsas: "39"
database_overflow_time_to_recover: "40"
default_information_metric: "41"
default_information_metric_type: "1"
default_information_originate: "enable"
default_information_route_map: "<your_own_value> (source router.route-map.
↪name) "
default_metric: "45"
distance: "46"
distance_external: "47"
distance_inter_area: "48"
distance_intra_area: "49"
distribute_list:
-
    access_list: "<your_own_value> (source router.access-list.name) "
    id: "52"
    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: "58"
    id: "59"
    ip: "<your_own_value>"
    poll_interval: "61"
    priority: "62"
network:
-
    area: "<your_own_value>"
    id: "65"
    prefix: "<your_own_value>"
ospf_interface:
-
    authentication: "none"
    authentication_key: "<your_own_value>"
    bfd: "global"
    cost: "71"
    database_filter_out: "enable"
    dead_interval: "73"
    hello_interval: "74"
    hello_multiplier: "75"
    interface: "<your_own_value> (source system.interface.name) "
    ip: "<your_own_value>"
    md5_key: "<your_own_value>"
    mtu: "79"
    mtu_ignore: "enable"
    name: "default_name_81"
    network_type: "broadcast"
    prefix_length: "83"
    priority: "84"
    resync_timeout: "85"
    retransmit_interval: "86"
    status: "disable"
    transmit_delay: "88"
passive_interface:

```

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```
-
  name: "default_name_90 (source system.interface.name)"
redistribute:
-
  metric: "92"
  metric_type: "1"
  name: "default_name_94"
  routemap: "<your_own_value> (source router.route-map.name)"
  status: "enable"
  tag: "97"
restart_mode: "none"
restart_period: "99"
rfc1583_compatible: "enable"
router_id: "<your_own_value>"
spf_timers: "<your_own_value>"
summary_address:
-
  advertise: "disable"
  id: "105"
  prefix: "<your_own_value>"
  tag: "107"
```

## 5.167.6 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:

## 5.167.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.167.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.168 fortios\_router\_ospf6 – Configure IPv6 OSPF in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.168.1 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 v6.0.5

### 5.168.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.168.3 Parameters

### 5.168.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.168.5 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 IPv6 OSPF.
  fortios_router_ospf6:
    vdom: "{{ vdom }}"
    router_ospf6:
      abr_type: "cisco"
      area:
        -
          default_cost: "5"
          id: "6"
          nssa_default_information_originate: "enable"
          nssa_default_information_originate_metric: "8"
          nssa_default_information_originate_metric_type: "1"
          nssa_redistribution: "enable"
          nssa_translator_role: "candidate"
          range:
            -
              advertise: "disable"
              id: "14"
              prefix6: "<your_own_value>"
              stub_type: "no-summary"
              type: "regular"
              virtual_link:
                -
                  dead_interval: "19"
                  hello_interval: "20"
                  name: "default_name_21"
                  peer: "<your_own_value>"
                  retransmit_interval: "23"
                  transmit_delay: "24"
          auto_cost_ref_bandwidth: "25"
          bfd: "enable"
          default_information_metric: "27"
          default_information_metric_type: "1"
          default_information_originate: "enable"
          default_information_route_map: "<your_own_value> (source router.route-map.
↪name) "
          default_metric: "31"
          log_neighbour_changes: "enable"
          ospf6_interface:
            -
              area_id: "<your_own_value>"
              bfd: "global"
              cost: "36"
              dead_interval: "37"
              hello_interval: "38"
              interface: "<your_own_value> (source system.interface.name) "
              mtu: "40"
              mtu_ignore: "enable"
              name: "default_name_42"
              neighbor:
                -
                  cost: "44"
                  ip6: "<your_own_value>"

```

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```

        poll_interval: "46"
        priority: "47"
        network_type: "broadcast"
        priority: "49"
        retransmit_interval: "50"
        status: "disable"
        transmit_delay: "52"
    passive_interface:
    -
        name: "default_name_54 (source system.interface.name)"
    redistribute:
    -
        metric: "56"
        metric_type: "1"
        name: "default_name_58"
        routemap: "<your_own_value> (source router.route-map.name)"
        status: "enable"
    router_id: "<your_own_value>"
    spf_timers: "<your_own_value>"
    summary_address:
    -
        advertise: "disable"
        id: "65"
        prefix6: "<your_own_value>"
        tag: "67"

```

## 5.168.6 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:

## 5.168.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.168.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.169 fortios\_router\_policy – Configure IPv4 routing policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.169.1 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 v6.0.5

### 5.169.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.169.3 Parameters

### 5.169.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.169.5 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 routing policies.
  fortios_router_policy:
    vdom: "{{ vdom }}"
    state: "present"
    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: "10"
      end_source_port: "11"
      gateway: "<your_own_value>"
      input_device:
        -
          name: "default_name_14 (source system.interface.name)"
      output_device: "<your_own_value> (source system.interface.name)"
      protocol: "16"
      seq_num: "17"
      src:
        -
          subnet: "<your_own_value>"
      src_negate: "enable"
      srcaddr:
        -
          name: "default_name_22 (source firewall.address.name firewall.addrgrp.
      ↪name)"
      start_port: "23"
      start_source_port: "24"
      status: "enable"
      tos: "<your_own_value>"
      tos_mask: "<your_own_value>"

```

### 5.169.6 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:

### 5.169.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.169.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.170 fortios\_router\_policy6 – Configure IPv6 routing policies in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.170.1 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 v6.0.5

### 5.170.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.170.3 Parameters

### 5.170.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.170.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    router_policy6:
      comments: "<your_own_value>"
      dst: "<your_own_value>"
      end_port: "5"
      gateway: "<your_own_value>"
      input_device: "<your_own_value> (source system.interface.name)"
      output_device: "<your_own_value> (source system.interface.name)"
      protocol: "9"
      seq_num: "10"
      src: "<your_own_value>"
      start_port: "12"
      status: "enable"
      tos: "<your_own_value>"
      tos_mask: "<your_own_value>"
```

### 5.170.6 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:

### 5.170.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.170.8 Authors

- Link Zheng (@chillancezen)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.171 fortios\_router\_prefix\_list – Configure IPv4 prefix lists in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.171.1 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 v6.0.5

### 5.171.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.171.3 Parameters

### 5.171.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.171.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_prefix_list:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          flags: "7"
          ge: "8"
          id: "9"
          le: "10"
          prefix: "<your_own_value>"
```

### 5.171.6 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:

### 5.171.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.171.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.172 fortios\_router\_prefix\_list6 – Configure IPv6 prefix lists in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.172.1 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 v6.0.5

### 5.172.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.172.3 Parameters

### 5.172.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 5.172.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    router_prefix_list6:
      comments: "<your_own_value>"
      name: "default_name_4"
      rule:
        -
          action: "permit"
          flags: "7"
          ge: "8"
          id: "9"
          le: "10"
          prefix6: "<your_own_value>"
```

## 5.172.6 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:

## 5.172.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.172.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.173 fortios\_router\_rip – Configure RIP in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.173.1 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 v6.0.5

### 5.173.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.173.3 Parameters

### 5.173.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.173.5 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 RIP.
  fortios_router_rip:
    vdom: "{{ vdom }}"
    router_rip:
      default_information_originate: "enable"
      default_metric: "4"
      distance:
        -
          access_list: "<your_own_value> (source router.access-list.name)"
          distance: "7"
          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: "16"
      interface:
        -
          auth_keychain: "<your_own_value> (source router.key-chain.name)"
          auth_mode: "none"
          auth_string: "<your_own_value>"
          flags: "21"
          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: "28"
      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: "40"
          status: "enable"
      passive_interface:
        -
          name: "default_name_43 (source system.interface.name)"

```

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```
recv_buffer_size: "44"
redistribute:
-
  metric: "46"
  name: "default_name_47"
  routemap: "<your_own_value> (source router.route-map.name)"
  status: "enable"
timeout_timer: "50"
update_timer: "51"
version: "1"
```

## 5.173.6 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:

## 5.173.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.173.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.174 fortios\_router\_ripng – Configure RIPng in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.174.1 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 v6.0.5

### 5.174.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.174.3 Parameters

### 5.174.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.174.5 Examples

```
- hosts: fortigates
collections:
  - 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: "7"
```

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```

distance:
-
  access_list6: "<your_own_value> (source router.access-list6.name) "
  distance: "10"
  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: "19"
interface:
-
  flags: "21"
  name: "default_name_22 (source system.interface.name) "
  split_horizon: "poisoned"
  split_horizon_status: "enable"
max_out_metric: "25"
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: "38"
  status: "enable"
passive_interface:
-
  name: "default_name_41 (source system.interface.name) "
redistribute:
-
  metric: "43"
  name: "default_name_44"
  routemap: "<your_own_value> (source router.route-map.name) "
  status: "enable"
timeout_timer: "47"
update_timer: "48"

```

## 5.174.6 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:

### 5.174.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.174.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.175 fortios\_router\_route\_map – Configure route maps in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.175.1 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 v6.0.5

### 5.175.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.175.3 Parameters

### 5.175.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.175.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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: "11"
              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: "17"
              match_origin: "none"
              match_route_type: "1"
              match_tag: "20"
              set_aggregator_as: "21"
              set_aggregator_ip: "<your_own_value>"
              set_aspath:
                -
                  as: "<your_own_value>"
              set_aspath_action: "prepend"
```

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```

set_atomic_aggregate: "enable"
set_community:
-
    community: "<your_own_value>"
set_community_additive: "enable"
set_community_delete: "<your_own_value> (source router.community-list.
↪name) "
set_dampening_max_suppress: "31"
set_dampening_reachability_half_life: "32"
set_dampening_reuse: "33"
set_dampening_suppress: "34"
set_dampening_unreachability_half_life: "35"
set_extcommunity_rt:
-
    community: "<your_own_value>"
set_extcommunity_soo:
-
    community: "<your_own_value>"
set_flags: "40"
set_ip_nexthop: "<your_own_value>"
set_ip6_nexthop: "<your_own_value>"
set_ip6_nexthop_local: "<your_own_value>"
set_local_preference: "44"
set_metric: "45"
set_metric_type: "1"
set_origin: "none"
set_originator_id: "<your_own_value>"
set_route_tag: "49"
set_tag: "50"
set_weight: "51"

```

### 5.175.6 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:

### 5.175.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.175.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.176 fortios\_router\_setting – Configure router settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.176.1 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 v6.0.5

### 5.176.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.176.3 Parameters

### 5.176.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.176.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      hostname: "myhostname"
      show_filter: "<your_own_value> (source router.prefix-list.name)"
```

### 5.176.6 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:

### 5.176.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.176.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.177 fortios\_router\_static – Configure IPv4 static routing tables in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.177.1 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 v6.0.5

### 5.177.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.177.3 Parameters

### 5.177.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.177.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```

state: "present"
router_static:
  bfd: "enable"
  blackhole: "enable"
  comment: "Optional comments."
  device: "<your_own_value> (source system.interface.name)"
  distance: "7"
  dst: "<your_own_value>"
  dstaddr: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
  dynamic_gateway: "enable"
  gateway: "<your_own_value>"
  internet_service: "12 (source firewall.internet-service.id)"
  internet_service_custom: "<your_own_value> (source firewall.internet-service-
↪custom.name)"
  link_monitor_exempt: "enable"
  priority: "15"
  seq_num: "16"
  src: "<your_own_value>"
  status: "enable"
  virtual_wan_link: "enable"
  vrf: "20"
  weight: "21"

```

## 5.177.6 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:

## 5.177.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.177.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.178 fortios\_router\_static6 – Configure IPv6 static routing tables in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.178.1 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 v6.0.5

### 5.178.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.178.3 Parameters

### 5.178.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.178.5 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 IPv6 static routing tables.
  fortios_router_static6:
    vdom: "{{ vdom }}"
    state: "present"
    router_static6:
      bfd: "enable"
      blackhole: "enable"
      comment: "Optional comments."
      device: "<your_own_value> (source system.interface.name) "
      devindex: "7"
      distance: "8"
      dst: "<your_own_value>"
      gateway: "<your_own_value>"
      priority: "11"
      seq_num: "12"
      status: "enable"
      virtual_wan_link: "enable"

```

## 5.178.6 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:

## 5.178.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.178.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.179 fortios\_spamfilter\_bwl – Configure anti-spam black/white list in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.179.1 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 v6.0.5

### 5.179.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.179.3 Parameters

### 5.179.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.179.5 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 anti-spam black/white list.
  fortios_spamfilter_bwl:
    vdom: "{{ vdom }}"
    state: "present"
    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"

```

## 5.179.6 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:

## 5.179.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.179.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.180 fortios\_spamfilter\_bword – Configure AntiSpam banned word list in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.180.1 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 v6.0.5

### 5.180.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.180.3 Parameters

### 5.180.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.180.5 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 AntiSpam banned word list.
  fortios_spamfilter_bword:
    vdom: "{{ vdom }}"
    state: "present"
    spamfilter_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"

```

## 5.180.6 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:

## 5.180.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.180.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.181 fortios\_spamfilter\_dnsbl – Configure AntiSpam DNSBL/ORBL in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.181.1 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 v6.0.5

### 5.181.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.181.3 Parameters

### 5.181.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.181.5 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 AntiSpam DNSBL/ORBL.
  fortios_spamfilter_dnsbl:
    vdom: "{{ vdom }}"
    state: "present"
    spamfilter_dnsbl:
      comment: "Optional comments."
      entries:
        -
          action: "reject"
          id: "6"
          server: "192.168.100.40"
          status: "enable"
    id: "9"
    name: "default_name_10"

```

### 5.181.6 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:

### 5.181.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.181.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.182 fortios\_spamfilter\_fortishield – Configure FortiGuard - Anti-Spam in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.182.1 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 v6.0.5

### 5.182.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.182.3 Parameters

### 5.182.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.182.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
spamfilter_fortishield:
  spam_submit_force: "enable"
  spam_submit_srv: "<your_own_value>"
  spam_submit_txt2htm: "enable"

```

### 5.182.6 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:

### 5.182.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.182.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.183 fortios\_spamfilter\_iptrust – Configure AntiSpam IP trust in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.183.1 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 v6.0.5

### 5.183.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.183.3 Parameters

### 5.183.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.183.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```



### 5.183.6 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:

### 5.183.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.183.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.184 fortios\_spamfilter\_mheader – Configure AntiSpam MIME header in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.184.1 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 v6.0.5

## 5.184.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.184.3 Parameters

## 5.184.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.184.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```

## 5.184.6 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:

## 5.184.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.184.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.185 fortios\_spamfilter\_options – Configure AntiSpam options in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.185.1 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 v6.0.5

### 5.185.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.185.3 Parameters

### 5.185.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.185.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "3"
```

### 5.185.6 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:

### 5.185.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.185.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.186 fortios\_spamfilter\_profile – Configure AntiSpam profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.186.1 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 v6.0.5

### 5.186.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.186.3 Parameters

### 5.186.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.186.5 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 AntiSpam profiles.
  fortios_spamfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    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"
        hdrip: "disable"
        local_override: "disable"
        log: "enable"
        tag_msg: "<your_own_value>"
        tag_type: "subject"
      spam_bwl_table: "33 (source spamfilter.bwl.id)"
      spam_bword_table: "34 (source spamfilter.bword.id)"
      spam_bword_threshold: "35"
      spam_filtering: "enable"
      spam_iptrust_table: "37 (source spamfilter.iptrust.id)"
      spam_log: "disable"
      spam_log_fortiguard_response: "disable"
      spam_mheader_table: "40 (source spamfilter.mheader.id)"
      spam_rbl_table: "41 (source spamfilter.dnsbl.id)"
      yahoo_mail:
        log: "enable"

```

## 5.186.6 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:

### 5.186.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.186.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.187 fortios\_ssh\_filter\_profile – SSH filter profile in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.187.1 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 v6.0.5

### 5.187.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.187.3 Parameters

### 5.187.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.187.5 Examples

```
- hosts: fortigates
  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 filter profile.
  fortios_ssh_filter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    ssh_filter_profile:
      block: "x11"
      default_command_log: "enable"
      log: "x11"
      name: "default_name_6"
      shell_commands:
        -
          action: "block"
          alert: "enable"
          id: "10"
          log: "enable"
          pattern: "<your_own_value>"
          severity: "low"
          type: "simple"
```

### 5.187.6 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:

### 5.187.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.187.8 Authors

- Link Zheng (@chillancezen)



- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.188 fortios\_switch\_controller\_802\_1x\_settings – Configure global 802.1X settings in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.188.1 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 v6.0.5

### 5.188.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.188.3 Parameters

### 5.188.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.188.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      max_reauth_attempt: "4"
      reauth_period: "5"
```

### 5.188.6 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:

### 5.188.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.188.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.189 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.189.1 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 v6.0.5

### 5.189.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.189.3 Parameters

### 5.189.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.189.5 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 the FortiGate switch controller to send custom commands to
  ↪managed FortiSwitch devices.
  fortios_switch_controller_custom_command:
    vdom: "{{ vdom }}"
    state: "present"
    switch_controller_custom_command:
      command: "<your_own_value>"
      command_name: "<your_own_value>"
      description: "<your_own_value>"
```

## 5.189.6 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:

## 5.189.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.189.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.190 fortios\_switch\_controller\_global – Configure FortiSwitch global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.190.1 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 v6.0.5

### 5.190.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.190.3 Parameters

### 5.190.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.190.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      default_virtual_switch_vlan: "<your_own_value> (source system.interface.name)"
      disable_discovery:
```

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```
-  
  name: "default_name_6"  
  https_image_push: "enable"  
  log_mac_limit_violations: "enable"  
  mac_aging_interval: "9"  
  mac_retention_period: "10"  
  mac_violation_timer: "11"
```

### 5.190.6 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:

### 5.190.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.190.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.191 fortios\_switch\_controller\_igmp\_snooping – Configure FortiSwitch IGMP snooping global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

### 5.191.1 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 v6.0.5

### 5.191.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.191.3 Parameters

### 5.191.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.191.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "3"
          flood_unknown_multicast: "enable"
```

### 5.191.6 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:

**5.191. fortios\_switch\_controller\_igmp\_snooping – Configure FortiSwitch IGMP snooping global settings in Fortinet’s FortiOS and FortiGate.**

### 5.191.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.191.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.192 fortios\_switch\_controller\_lddp\_profile – Configure FortiSwitch LLDP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.192.1 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 v6.0.5

### 5.192.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0



### 5.192.3 Parameters

### 5.192.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.192.5 Examples

```
- hosts: fortigates
  collections:
    - 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_lddp_profile:
        vdom: "{{ vdom }}"
        state: "present"
        switch_controller_lddp_profile:
          tlvs_802dot1: "port-vlan-id"
          tlvs_802dot3: "max-frame-size"
          auto_isl: "disable"
          auto_isl_hello_timer: "6"
          auto_isl_port_group: "7"
          auto_isl_receive_timeout: "8"
          custom_tlvs:
            -
              information_string: "<your_own_value>"
              name: "default_name_11"
              oui: "<your_own_value>"
              subtype: "13"
        med_network_policy:
          -
            dscp: "15"
            name: "default_name_16"
            priority: "17"
            status: "disable"
            vlan: "19"
        med_tlvs: "inventory-management"
        name: "default_name_21"
```

### 5.192.6 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:

### 5.192.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.192.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.193 fortios\_switch\_controller\_lddp\_settings – Configure FortiSwitch LLDP settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.193.1 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 v6.0.5

### 5.193.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.193.3 Parameters

### 5.193.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.193.5 Examples

```
- hosts: fortigates
  collections:
    - 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_lddp_settings:
        vdom: "{{ vdom }}"
        switch_controller_lddp_settings:
          fast_start_interval: "3"
          management_interface: "internal"
          status: "enable"
          tx_hold: "6"
          tx_interval: "7"
```

### 5.193.6 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:

### 5.193.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.193.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.194 fortios\_switch\_controller\_mac\_sync\_settings – Configure global MAC synchronization settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.194.1 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 v6.0.5

### 5.194.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.194.3 Parameters

### 5.194.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.194.5 Examples

```
- hosts: fortigates
  collections:
    - 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 MAC synchronization settings.
      fortios_switch_controller_mac_sync_settings:
        vdom: "{{ vdom }}"
        switch_controller_mac_sync_settings:
          mac_sync_interval: "3"
```

### 5.194.6 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:

### 5.194.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.194.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.195 fortios\_switch\_controller\_managed\_switch – Configure FortiSwitch devices that are managed by this FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.195.1 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 v6.0.5

### 5.195.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.195.3 Parameters

### 5.195.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.195.5 Examples

```
- hosts: fortigates
collections:
  - 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 devices that are managed by this FortiGate.
  fortios_switch_controller_managed_switch:
```

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```

vdom: "{{ vdom }}"
state: "present"
switch_controller_managed_switch:
  settings_802_1X:
    link_down_auth: "set-unauth"
    local_override: "enable"
    max_reauth_attempt: "6"
    reauth_period: "7"
  custom_command:
    -
      command_entry: "<your_own_value>"
      command_name: "<your_own_value> (source switch-controller.custom-command.
↪command-name)"
      delayed_restart_trigger: "11"
      description: "<your_own_value>"
      directly_connected: "13"
      dynamic_capability: "14"
      dynamically_discovered: "15"
      fsw_wan1_admin: "discovered"
      fsw_wan1_peer: "<your_own_value>"
      fsw_wan2_admin: "discovered"
      fsw_wan2_peer: "<your_own_value>"
      igmp_snooping:
        aging_time: "21"
        flood_unknown_multicast: "enable"
        local_override: "enable"
      max_allowed_trunk_members: "24"
      mirror:
        -
          dst: "<your_own_value>"
          name: "default_name_27"
          src_egress:
            -
              name: "default_name_29"
          src_ingress:
            -
              name: "default_name_31"
              status: "active"
              switching_packet: "enable"
      name: "default_name_34"
      owner_vdom: "<your_own_value>"
      poe_detection_type: "36"
      poe_pre_standard_detection: "enable"
      ports:
        -
          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:

```

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```

-
    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: "53"
    fgt_peer_device_name: "<your_own_value>"
    fgt_peer_port_name: "<your_own_value>"
    fiber_port: "56"
    flags: "57"
    fortilink_port: "58"
    igmp_snooping: "enable"
    igmps_flood_reports: "enable"
    igmps_flood_traffic: "enable"
    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: "66"
    lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.
↪name)"
    lldp_status: "disable"
    loop_guard: "enabled"
    loop_guard_timeout: "70"
    max_bundle: "71"
    mclag: "enable"
    member_withdrawal_behavior: "forward"
    members:
    -
        member_name: "<your_own_value>"
        min_bundle: "76"
        mode: "static"
        poe_capable: "78"
        poe_pre_standard_detection: "enable"
        poe_status: "enable"
        port_name: "<your_own_value>"
        port_number: "82"
        port_owner: "<your_own_value>"
        port_prefix_type: "84"
        port_security_policy: "<your_own_value> (source switch-controller.
↪security-policy.802-1X.name switch-controller.security-policy.captive-portal
        .name)"
        port_selection_criteria: "src-mac"
        qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.
↪name)"
        sample_direction: "tx"
        sflow_counter_interval: "89"
        sflow_sample_rate: "90"
        sflow_sampler: "enabled"
        speed: "10half"
        speed_mask: "93"
        stacking_port: "94"
        status: "up"
        stp_bpdu_guard: "enabled"
        stp_bpdu_guard_timeout: "97"
        stp_root_guard: "enabled"

```

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```

    stp_state: "enabled"
    switch_id: "<your_own_value>"
    type: "physical"
    untagged_vlans:
    -
        vlan_name: "<your_own_value> (source system.interface.name)"
        virtual_port: "104"
        vlan: "<your_own_value> (source system.interface.name)"
    pre_provisioned: "106"
    staged_image_version: "<your_own_value>"
    storm_control:
        broadcast: "enable"
        local_override: "enable"
        rate: "111"
        unknown_multicast: "enable"
        unknown_unicast: "enable"
    stp_settings:
        forward_time: "115"
        hello_time: "116"
        local_override: "enable"
        max_age: "118"
        max_hops: "119"
        name: "default_name_120"
        pending_timer: "121"
        revision: "122"
        status: "enable"
    switch_device_tag: "<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"
    type: "virtual"
    version: "134"

```

### 5.195.6 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:

### 5.195.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.195.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.196 fortios\_switch\_controller\_network\_monitor\_settings – Configure network monitor settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.196.1 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 v6.0.5

### 5.196.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.196.3 Parameters

### 5.196.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.196.5 Examples

```
- hosts: fortigates
collections:
  - 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"
```

### 5.196.6 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:

### 5.196.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.196.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.197 fortios\_switch\_controller\_qos\_dot1p\_map – Configure FortiSwitch QoS 802.1p in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

---

**5.197. fortios\_switch\_controller\_qos\_dot1p\_map – Configure FortiSwitch QoS 802.1p in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.197.1 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 v6.0.5

### 5.197.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.197.3 Parameters

### 5.197.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.197.5 Examples

```
- hosts: fortigates
collections:
  - 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 802.1p.
  fortios_switch_controller_qos_dot1p_map:
```

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```

vdom:  "{{ vdom }}"
state: "present"
switch_controller_qos_dot1p_map:
  description: "<your_own_value>"
  name: "default_name_4"
  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"

```

### 5.197.6 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:

### 5.197.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.197.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.198 fortios\_switch\_controller\_qos\_ip\_dscp\_map – Configure FortiSwitch QoS IP precedence/DSCP in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.198.1 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 v6.0.5

## 5.198.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.198.3 Parameters

## 5.198.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.198.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_qos_ip_dscp_map:
      description: "<your_own_value>"
      map:
```

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```

-
  cos_queue: "5"
  diffserv: "CS0"
  ip_precedence: "network-control"
  name: "default_name_8"
  value: "<your_own_value>"
name: "default_name_10"

```

### 5.198.6 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:

### 5.198.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.198.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.199 fortios\_switch\_controller\_qos\_qos\_policy – Configure FortiSwitch QoS policy in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.199.1 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 v6.0.5

### 5.199.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.199.3 Parameters

### 5.199.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.199.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        switch_controller_qos_qos_policy:
          default_cos: "3"
          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) "
```



### 5.199.6 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:

### 5.199.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.199.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.200 fortios\_switch\_controller\_qos\_queue\_policy – Configure FortiSwitch QoS egress queue policy in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.200.1 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 v6.0.5

---

**5.200. fortios\_switch\_controller\_qos\_queue\_policy – Configure FortiSwitch QoS egress queue policy in Fortinet’s FortiOS and FortiGate.**

## 5.200.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.200.3 Parameters

## 5.200.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.200.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_qos_queue_policy:
      cos_queue:
        -
          description: "<your_own_value>"
          drop_policy: "taildrop"
          max_rate: "6"
          min_rate: "7"
          name: "default_name_8"
          weight: "9"
    name: "default_name_10"
    schedule: "strict"
```

## 5.200.6 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:

## 5.200.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.200.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.201 fortios\_switch\_controller\_quarantine – Configure FortiSwitch quarantine support in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.201.1 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 v6.0.5

### 5.201.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.201.3 Parameters

### 5.201.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.201.5 Examples

```
- hosts: fortigates
collections:
  - 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: "6"
          mac: "<your_own_value>"
          tag:
            -
              tags: "<your_own_value>"
```

### 5.201.6 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:

### 5.201.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.201.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.202 fortios\_switch\_controller\_security\_policy\_802\_1x – Configure 802.1x MAC Authentication Bypass (MAB) policies in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.202.1 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 v6.0.5

### 5.202.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.202.3 Parameters

### 5.202.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.202.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_security_policy_802_1x:
      auth_fail_vlan: "disable"
      auth_fail_vlan_id: "<your_own_value> (source system.interface.name)"
      auth_fail_vlanid: "5"
      eap_passthru: "disable"
      guest_auth_delay: "7"
      guest_vlan: "disable"
      guest_vlan_id: "<your_own_value> (source system.interface.name)"
      guest_vlanid: "10"
      mac_auth_bypass: "disable"
      name: "default_name_12"
      open_auth: "disable"
      policy_type: "802.1X"
      radius_timeout_overwrite: "disable"
      security_mode: "802.1X"
      user_group:
        -
          name: "default_name_18 (source user.group.name)"
```

## 5.202.6 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:

## 5.202.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.202.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.203 fortios\_switch\_controller\_security\_policy\_captive\_portal – Names of VLANs that use captive portal authentication in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.203.1 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 v6.0.5

### 5.203.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.203.3 Parameters

### 5.203.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.203.5 Examples

```
- hosts: fortigates
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"
    switch_controller_security_policy_captive_portal:
      name: "default_name_3"
      policy_type: "captive-portal"
      vlan: "<your_own_value> (source system.interface.name)"
```

### 5.203.6 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:

### 5.203.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.203.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.204 fortios\_switch\_controller\_sflow – Configure FortiSwitch sFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.204.1 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 v6.0.5

### 5.204.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.204.3 Parameters

### 5.204.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.204.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```
vdom: "{{ vdom }}"
switch_controller_sflow:
  collector_ip: "<your_own_value>"
  collector_port: "4"
```

## 5.204.6 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:

## 5.204.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.204.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.205 fortios\_switch\_controller\_storm\_control – Configure FortiSwitch storm control in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.205.1 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 v6.0.5

### 5.205.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.205.3 Parameters

### 5.205.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.205.5 Examples

```
- hosts: fortigates
collections:
  - 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 storm control.
  fortios_switch_controller_storm_control:
    vdom: "{{ vdom }}"
    switch_controller_storm_control:
      broadcast: "enable"
      rate: "4"
      unknown_multicast: "enable"
      unknown_unicast: "enable"
```

### 5.205.6 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:

### 5.205.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.205.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.206 fortios\_switch\_controller\_stp\_settings – Configure FortiSwitch spanning tree protocol (STP) in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.206.1 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 v6.0.5

### 5.206.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.206.3 Parameters

### 5.206.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.206.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "3"
          hello_time: "4"
          max_age: "5"
          max_hops: "6"
          name: "default_name_7"
          pending_timer: "8"
          revision: "9"
          status: "enable"
```

### 5.206.6 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:

### 5.206.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.206.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.207 fortios\_switch\_controller\_switch\_group – Configure FortiSwitch switch groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.207.1 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 v6.0.5

### 5.207.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.207.3 Parameters

### 5.207.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.207.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_switch_group:
      description: "<your_own_value>"
      members:
        -
          name: "default_name_5 (source switch-controller.managed-switch.switch-id)"
          name: "default_name_6"
```

## 5.207.6 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:

## 5.207.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.207.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.208 fortios\_switch\_controller\_switch\_interface\_tag – Configure switch object tags in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.208.1 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 v6.0.5

### 5.208.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.208.3 Parameters

### 5.208.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.208.5 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 switch object tags.
  fortios_switch_controller_switch_interface_tag:
    vdom: "{{ vdom }}"
    state: "present"
    switch_controller_switch_interface_tag:
      name: "default_name_3"

```

## 5.208.6 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:

## 5.208.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.208.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.209 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

---

**5.209. fortios\_switch\_controller\_switch\_log – Configure FortiSwitch logging (logs are transferred to and inserted into FortiGate event log) in Fortinet’s FortiOS and FortiGate.**

- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

## 5.209.1 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 v6.0.5

## 5.209.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.209.3 Parameters

## 5.209.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.209.5 Examples

```
- hosts: fortigates
collections:
  - 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"
```

## 5.209.6 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:

## 5.209.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.209.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.210 fortios\_switch\_controller\_switch\_profile – Configure FortiSwitch switch profile in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.210.1 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 v6.0.5

## 5.210.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.210.3 Parameters

## 5.210.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.210.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_switch_profile:
      login_passwd: "<your_own_value>"
      login_passwd_override: "enable"
      name: "default_name_5"
```

## 5.210.6 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:

## 5.210.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.210.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.211 fortios\_switch\_controller\_system – Configure system-wide switch controller settings in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.211.1 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 v6.0.5

### 5.211.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.211.3 Parameters

### 5.211.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.211.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      parallel_process: "3"
      parallel_process_override: "disable"
```

## 5.211.6 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:

## 5.211.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.211.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.212 fortios\_switch\_controller\_virtual\_port\_pool – Configure virtual pool in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.212.1 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 v6.0.5

### 5.212.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.212.3 Parameters

### 5.212.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.212.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```
state: "present"
switch_controller_virtual_port_pool:
  description: "<your_own_value>"
  name: "default_name_4"
```

### 5.212.6 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:

### 5.212.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.212.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.213 fortios\_switch\_controller\_vlan – Configure VLANs for switch controller in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 5.213.1 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 v6.0.5

### 5.213.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.213.3 Parameters

### 5.213.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.213.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    switch_controller_vlan:
      auth: "radius"
      color: "4"
      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:
        -
```

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```
name: "default_name_16 (source user.group.name) "  
usergroup: "<your_own_value> (source user.group.name) "  
vdom: "<your_own_value>"  
vlanid: "19"
```

### 5.213.6 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:

### 5.213.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.213.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.214 fortios\_system\_3g\_modem\_custom – 3G MODEM custom in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.214.1 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 v6.0.5

### 5.214.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.214.3 Parameters

### 5.214.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.214.5 Examples

```
- hosts: fortigates
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"
    system_3g_modem_custom:
      class_id: "<your_own_value>"
      id: "4"
      init_string: "<your_own_value>"
      model: "<your_own_value>"
      product_id: "<your_own_value>"
      vendor: "<your_own_value>"
      vendor_id: "<your_own_value>"
```

### 5.214.6 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:

### 5.214.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.214.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.215 fortios\_system\_accprofile – Configure access profiles for system administrators in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.215.1 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 v6.0.5

### 5.215.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.215.3 Parameters

### 5.215.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.215.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        system_accprofile:
          admintimeout: "3"
          admintimeout_override: "enable"
          authgrp: "none"
          comments: "<your_own_value>"
          ftviewgrp: "none"
          fwgrp: "none"
          fwgrp_permission:
            address: "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_20"
          netgrp: "none"
          netgrp_permission:
            cfg: "none"
            packet_capture: "none"
            route_cfg: "none"
          scope: "vdom"
          secfabgrp: "none"
          sysgrp: "none"
          sysgrp_permission:
            admin: "none"
            cfg: "none"
```

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```
    mnt: "none"
    upd: "none"
    utmgrp: "none"
    utmgrp_permission:
      antivirus: "none"
      application_control: "none"
      data_loss_prevention: "none"
      dnsfilter: "none"
      endpoint_control: "none"
      icap: "none"
      ips: "none"
      spamfilter: "none"
      voip: "none"
      waf: "none"
      webfilter: "none"
    vpngrp: "none"
    wanoptgrp: "none"
    wifi: "none"
```

### 5.215.6 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:

### 5.215.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.215.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.216 fortios\_system\_admin – Configure admin users in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.216.1 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 v6.0.5

### 5.216.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.216.3 Parameters

### 5.216.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.216.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
state: "present"
system_admin:
  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: "15"
    id: "16"
    layout_type: "responsive"
    name: "default_name_18"
    scope: "global"
    widget:
      -
        fabric_device: "<your_own_value>"
        fortiview_filters:
          -
            id: "23"
            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: "30"
            id: "31"
            industry: "default"
            interface: "<your_own_value> (source system.interface.name)"
            region: "default"
            title: "<your_own_value>"
            type: "sysinfo"
            width: "37"
            x_pos: "38"
            y_pos: "39"
gui_global_menu_favorites:
  -
    id: "41"
gui_vdom_menu_favorites:
  -
    id: "43"
hidden: "44"
history0: "<your_own_value>"
history1: "<your_own_value>"
ip6_trusthost1: "<your_own_value>"
ip6_trusthost10: "<your_own_value>"
ip6_trusthost2: "<your_own_value>"
ip6_trusthost3: "<your_own_value>"

```

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```

ip6_trusthost4: "<your_own_value>"
ip6_trusthost5: "<your_own_value>"
ip6_trusthost6: "<your_own_value>"
ip6_trusthost7: "<your_own_value>"
ip6_trusthost8: "<your_own_value>"
ip6_trusthost9: "<your_own_value>"
login_time:
-
  last_failed_login: "<your_own_value>"
  last_login: "<your_own_value>"
  usr_name: "<your_own_value>"
name: "default_name_61"
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.local.name) "
ssh_public_key1: "<your_own_value>"
ssh_public_key2: "<your_own_value>"
ssh_public_key3: "<your_own_value>"
trusthost1: "<your_own_value>"
trusthost10: "<your_own_value>"
trusthost2: "<your_own_value>"
trusthost3: "<your_own_value>"
trusthost4: "<your_own_value>"
trusthost5: "<your_own_value>"
trusthost6: "<your_own_value>"
trusthost7: "<your_own_value>"
trusthost8: "<your_own_value>"
trusthost9: "<your_own_value>"
two_factor: "disable"
vdom:
-
  name: "default_name_89 (source system.vdom.name) "
wildcard: "enable"

```

## 5.216.6 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:

## 5.216.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.216.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.217 fortios\_system\_affinity\_interrupt – Configure interrupt affinity in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.217.1 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 v6.0.5

### 5.217.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.217.3 Parameters

### 5.217.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.217.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        system_affinity_interrupt:
          affinity_cpumask: "<your_own_value>"
          id: "4"
          interrupt: "<your_own_value>"
```

### 5.217.6 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:

### 5.217.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.217.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.218 fortios\_system\_affinity\_packet\_redistribution – Configure packet redistribution in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.218.1 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 v6.0.5

### 5.218.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.218.3 Parameters

### 5.218.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.218.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_affinity_packet_redistribution:
      affinity_cpumask: "<your_own_value>"
      id: "4"
      interface: "<your_own_value> (source system.interface.name)"
      rxqid: "6"
```

## 5.218.6 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:

## 5.218.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.218.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.219 fortios\_system\_alarm – Configure alarm in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.219.1 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 v6.0.5

### 5.219.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.219.3 Parameters

### 5.219.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.219.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom:  "{{ vdom }}"
system_alarm:
  audible: "enable"
  groups:
    -
      admin_auth_failure_threshold: "5"
      admin_auth_lockout_threshold: "6"
      decryption_failure_threshold: "7"
      encryption_failure_threshold: "8"
      fw_policy_id: "9"
      fw_policy_id_threshold: "10"
      fw_policy_violations:
        -
          dst_ip: "<your_own_value>"
          dst_port: "13"
          id: "14"
          src_ip: "<your_own_value>"
          src_port: "16"
          threshold: "17"
      id: "18"
      log_full_warning_threshold: "19"
      period: "20"
      replay_attempt_threshold: "21"
      self_test_failure_threshold: "22"
      user_auth_failure_threshold: "23"
      user_auth_lockout_threshold: "24"
  status: "enable"

```

## 5.219.6 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:

## 5.219.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.219.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.220 fortios\_system\_alias – Configure alias command in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.220.1 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 v6.0.5

### 5.220.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.220.3 Parameters

### 5.220.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.220.5 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 alias command.
  fortios_system_alias:
    vdom: "{{ vdom }}"
    state: "present"
    system_alias:
      command: "<your_own_value>"
      name: "default_name_4"

```

## 5.220.6 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:

## 5.220.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.220.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.221 fortios\_system\_api\_user – Configure API users in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.221.1 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 v6.0.5

## 5.221.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.221.3 Parameters

## 5.221.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.221.5 Examples

```
- hosts: fortigates
collections:
  - 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.
  fortios_system_api_user:
    vdom: "{{ vdom }}"
    state: "present"
    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"
```

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```

peer_auth: "enable"
peer_group: "<your_own_value>"
schedule: "<your_own_value>"
trusthost:
  -
    id: "12"
    ipv4_trusthost: "<your_own_value>"
    ipv6_trusthost: "<your_own_value>"
    type: "ipv4-trusthost"
vdom:
  -
    name: "default_name_17 (source system.vdom.name) "

```

## 5.221.6 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:

## 5.221.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.221.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.222 fortios\_system\_arp\_table – Configure ARP table in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.222.1 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 v6.0.5

### 5.222.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.222.3 Parameters

### 5.222.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.222.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_arp_table:
      id: "3"
      interface: "<your_own_value> (source system.interface.name)"
      ip: "<your_own_value>"
      mac: "<your_own_value>"
```

### 5.222.6 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:

### 5.222.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.222.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.223 fortios\_system\_auto\_install – Configure USB auto installation in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.223.1 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 v6.0.5

## 5.223.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.223.3 Parameters

## 5.223.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.223.5 Examples

```
- hosts: fortigates
collections:
  - 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>"
```

## 5.223.6 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:

## 5.223.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.223.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.224 fortios\_system\_auto\_script – Configure auto script in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.224.1 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 v6.0.5

### 5.224.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.224.3 Parameters

### 5.224.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.224.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_auto_script:
      interval: "3"
      name: "default_name_4"
      output_size: "5"
      repeat: "6"
      script: "<your_own_value>"
      start: "manual"
```

## 5.224.6 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:

## 5.224.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.224.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.225 fortios\_system\_automation\_action – Action for automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.225.1 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 v6.0.5

### 5.225.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.225.3 Parameters

### 5.225.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.225.5 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: Action for automation stitches.
  fortios_system_automation_action:
    vdom: "{{ vdom }}"
    state: "present"
    system_automation_action:
      action_type: "email"
      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>"
      delay: "10"
      email_subject: "<your_own_value>"
      email_to:
        -
          name: "default_name_13"
      headers:
        -
          header: "<your_own_value>"
      http_body: "<your_own_value>"
      method: "post"
      minimum_interval: "18"
      name: "default_name_19"
      port: "20"
      protocol: "http"
      required: "enable"
      uri: "<your_own_value>"

```

## 5.225.6 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:

## 5.225.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.225.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.226 fortios\_system\_automation\_destination – Automation destinations in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.226.1 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 v6.0.5

### 5.226.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.226.3 Parameters

### 5.226.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.226.5 Examples

```
- hosts: fortigates
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"
    system_automation_destination:
      destination:
        -
          name: "default_name_4"
          ha_group_id: "5"
          name: "default_name_6"
          type: "fortigate"
```

## 5.226.6 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:

## 5.226.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.226.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.227 fortios\_system\_automation\_stitch – Automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.227.1 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 v6.0.5

### 5.227.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.227.3 Parameters

### 5.227.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.227.5 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: Automation stitches.
  fortios_system_automation_stitch:
    vdom: "{{ vdom }}"
    state: "present"
    system_automation_stitch:
      action:
        -
          name: "default_name_4 (source system.automation-action.name) "
        destination:
          -
            name: "default_name_6 (source system.automation-destination.name) "
      name: "default_name_7"
      status: "enable"
      trigger: "<your_own_value> (source system.automation-trigger.name) "
```

### 5.227.6 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:

### 5.227.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.227.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.228 fortios\_system\_automation\_trigger – Trigger for automation stitches in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.228.1 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 v6.0.5

### 5.228.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.228.3 Parameters

### 5.228.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.228.5 Examples

```
- hosts: fortigates
  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:
```

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```
vdom: "{{ vdom }}"
state: "present"
system_automation_trigger:
  event_type: "ioc"
  ioc_level: "medium"
  license_type: "forticare-support"
  logid: "6"
  name: "default_name_7"
  trigger_day: "8"
  trigger_frequency: "hourly"
  trigger_hour: "10"
  trigger_minute: "11"
  trigger_type: "event-based"
  trigger_weekday: "sunday"
```

### 5.228.6 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:

### 5.228.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.228.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.229 fortios\_system\_autoupdate\_push\_update – Configure push updates in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*



- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.229.1 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 v6.0.5

### 5.229.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.229.3 Parameters

### 5.229.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.229.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      port: "5"
      status: "enable"
```

## 5.229.6 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:

## 5.229.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.229.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.230 fortios\_system\_autoupdate\_schedule – Configure update schedule in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.230.1 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 v6.0.5

## 5.230.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.230.3 Parameters

## 5.230.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.230.5 Examples

```
- hosts: fortigates
collections:
  - 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>"
```

## 5.230.6 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:

## 5.230.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.230.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.231 fortios\_system\_autoupdate\_tunneling – Configure web proxy tunnelling for the FDN in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.231.1 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 v6.0.5

### 5.231.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.231.3 Parameters

### 5.231.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.231.5 Examples

```
- hosts: fortigates
collections:
  - 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 tunnelling for the FDN.
  fortios_system_autoupdate_tunneling:
    vdom: "{{ vdom }}"
    system_autoupdate_tunneling:
      address: "<your_own_value>"
      password: "<your_own_value>"
      port: "5"
      status: "enable"
      username: "<your_own_value>"
```

### 5.231.6 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:

### 5.231.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.231.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.232 fortios\_system\_central\_management – Configure central management in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

---

**5.232. fortios\_system\_central\_management – Configure central management in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.232.1 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 v6.0.5

### 5.232.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.232.3 Parameters

### 5.232.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.232.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
system_central_management:
  allow_monitor: "enable"
  allow_push_configuration: "enable"
  allow_push_firmware: "enable"
  allow_remote_firmware_upgrade: "enable"
  enc_algorithm: "default"
  fmg: "<your_own_value>"
  fmg_source_ip: "<your_own_value>"
  fmg_source_ip6: "<your_own_value>"
  include_default_servers: "enable"
  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: "19"
      server_address: "<your_own_value>"
      server_address6: "<your_own_value>"
      server_type: "update"
  type: "fortimanager"
  vdom: "<your_own_value> (source system.vdom.name)"

```

### 5.232.6 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:

### 5.232.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.232.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.233 fortios\_system\_cluster\_sync – Configure FortiGate Session Life Support Protocol (FGSP) session synchronization in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.233.1 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 v6.0.5

### 5.233.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.233.3 Parameters

### 5.233.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.233.5 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 FortiGate Session Life Support Protocol (FGSP) session_
  ↪synchronization.
  fortios_system_cluster_sync:
    vdom: "{{ vdom }}"
    state: "present"
    system_cluster_sync:
      down_intf_before_sess_sync:
        -
          name: "default_name_4 (source system.interface.name)"
        hb_interval: "5"
        hb_lost_threshold: "6"
        peerip: "<your_own_value>"
        peervd: "<your_own_value> (source system.vdom.name)"
        session_sync_filter:
          custom_service:
            -
              dst_port_range: "<your_own_value>"
              id: "12"
              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: "21"
            syncvd:
              -
                name: "default_name_23 (source system.vdom.name)"

```

### 5.233.6 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:

### 5.233.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.233.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.234 fortios\_system\_console – Configure console in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.234.1 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 v6.0.5

### 5.234.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.234.3 Parameters

### 5.234.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.234.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      login: "enable"
      mode: "batch"
      output: "standard"
```

## 5.234.6 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:

## 5.234.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.234.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.235 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 2.9.

---

**5.235. 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.**

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.235.1 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 v6.0.5

### 5.235.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.235.3 Parameters

### 5.235.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.235.5 Examples

```
- hosts: fortigates
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.
```

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```

fortios_system_csf:
  vdom: "{{ vdom }}"
  system_csf:
    configuration_sync: "default"
    fabric_device:
      -
        device_ip: "<your_own_value>"
        device_type: "fortimail"
        login: "<your_own_value>"
        name: "default_name_8"
        password: "<your_own_value>"
    fixed_key: "<your_own_value>"
    group_name: "<your_own_value>"
    group_password: "<your_own_value>"
    management_ip: "<your_own_value>"
    management_port: "14"
    status: "enable"
    trusted_list:
      -
        action: "accept"
        downstream_authorization: "enable"
        ha_members: "<your_own_value>"
        serial: "<your_own_value>"
    upstream_ip: "<your_own_value>"
    upstream_port: "22"

```

## 5.235.6 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:

## 5.235.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.235.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.236 fortios\_system\_custom\_language – Configure custom languages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.236.1 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 v6.0.5

### 5.236.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.236.3 Parameters

### 5.236.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.236.5 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 custom languages.
  fortios_system_custom_language:
    vdom: "{{ vdom }}"
    state: "present"
    system_custom_language:
      comments: "<your_own_value>"
      filename: "<your_own_value>"
      name: "default_name_5"

```

### 5.236.6 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:

### 5.236.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.236.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.237 fortios\_system\_ddns – Configure DDNS in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.237.1 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 v6.0.5

### 5.237.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.237.3 Parameters

### 5.237.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.237.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_ddns:
      bound_ip: "<your_own_value>"
      clear_text: "disable"
      ddns_auth: "disable"
      ddns_domain: "<your_own_value>"
```

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```

ddns_key: "<your_own_value>"
ddns_keyname: "<your_own_value>"
ddns_password: "<your_own_value>"
ddns_server: "dyndns.org"
ddns_server_ip: "<your_own_value>"
ddns_sn: "<your_own_value>"
ddns_ttl: "13"
ddns_username: "<your_own_value>"
ddns_zone: "<your_own_value>"
ddnsid: "16"
monitor_interface:
-
    interface_name: "<your_own_value> (source system.interface.name)"
ssl_certificate: "<your_own_value> (source certificate.local.name)"
update_interval: "20"
use_public_ip: "disable"

```

### 5.237.6 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:

### 5.237.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.237.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.238 fortios\_system\_dedicated\_mgmt – Configure dedicated management in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.238.1 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 v6.0.5

### 5.238.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.238.3 Parameters

### 5.238.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.238.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```

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"

```

### 5.238.6 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:

### 5.238.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.238.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.239 fortios\_system\_dhcp6\_server – Configure DHCPv6 servers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.239.1 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 v6.0.5

### 5.239.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.239.3 Parameters

### 5.239.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.239.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_dhcp6_server:
      dns_search_list: "delegated"
      dns_server1: "<your_own_value>"
      dns_server2: "<your_own_value>"
      dns_server3: "<your_own_value>"
      dns_service: "delegated"
      domain: "<your_own_value>"
      id: "0"
      interface: "<your_own_value> (source system.interface.name)"
      ip_mode: "range"
```

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```

ip_range:
-
    end_ip: "<your_own_value>"
    id: "14"
    start_ip: "<your_own_value>"
    lease_time: "16"
    option1: "<your_own_value>"
    option2: "<your_own_value>"
    option3: "<your_own_value>"
    prefix_range:
    -
        end_prefix: "<your_own_value>"
        id: "22"
        prefix_length: "23"
        start_prefix: "<your_own_value>"
    rapid_commit: "disable"
    status: "disable"
    subnet: "<your_own_value>"
    upstream_interface: "<your_own_value> (source system.interface.name)"

```

## 5.239.6 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:

## 5.239.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.239.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.240 fortios\_system\_dhcp\_server – Configure DHCP servers in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.240.1 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 v6.0.5

### 5.240.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.240.3 Parameters

### 5.240.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.240.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
state: "present"
system_dhcp_server:
  auto_configuration: "disable"
  conflicted_ip_timeout: "4"
  ddns_auth: "disable"
  ddns_key: "<your_own_value>"
  ddns_keyname: "<your_own_value>"
  ddns_server_ip: "<your_own_value>"
  ddns_ttl: "9"
  ddns_update: "disable"
  ddns_update_override: "disable"
  ddns_zone: "<your_own_value>"
  default_gateway: "<your_own_value>"
  dns_server1: "<your_own_value>"
  dns_server2: "<your_own_value>"
  dns_server3: "<your_own_value>"
  dns_service: "local"
  domain: "<your_own_value>"
  exclude_range:
    -
      end_ip: "<your_own_value>"
      id: "21"
      start_ip: "<your_own_value>"
  filename: "<your_own_value>"
  forticlient_on_net_status: "disable"
  id: "25"
  interface: "<your_own_value> (source system.interface.name)"
  ip_mode: "range"
  ip_range:
    -
      end_ip: "<your_own_value>"
      id: "30"
      start_ip: "<your_own_value>"
  ipsec_lease_hold: "32"
  lease_time: "33"
  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: "42"
      id: "43"
      ip: "<your_own_value>"
      type: "hex"
      value: "<your_own_value>"
  reserved_address:
    -
      action: "assign"
      description: "<your_own_value>"
      id: "50"
      ip: "<your_own_value>"
      mac: "<your_own_value>"

```

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```
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_acl1: "<your_own_value>"
wifi_acl2: "<your_own_value>"
wifi_acl3: "<your_own_value>"
wins_server1: "<your_own_value>"
wins_server2: "<your_own_value>"
```

### 5.240.6 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:

### 5.240.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.240.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.241 fortios\_system\_dns – Configure DNS in Fortinet’s FortiOS and FortiGate.

New in version 2.8.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.241.1 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 v6.0.5

### 5.241.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.241.3 Parameters

### 5.241.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.241.5 Examples

```
- hosts: fortigates
  collections:
    - 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 }}"
```

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```
system_dns:
  cache_notfound_responses: "disable"
  dns_cache_limit: "4"
  dns_cache_ttl: "5"
  domain:
    -
      domain: "<your_own_value>"
  ip6_primary: "<your_own_value>"
  ip6_secondary: "<your_own_value>"
  primary: "<your_own_value>"
  retry: "11"
  secondary: "<your_own_value>"
  source_ip: "84.230.14.43"
  timeout: "14"
```

### 5.241.6 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:

### 5.241.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.241.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.242 fortios\_system\_dns\_database – Configure DNS databases in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.242.1 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 v6.0.5

### 5.242.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.242.3 Parameters

### 5.242.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.242.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_dns_database:
      allow_transfer: "<your_own_value>"
      authoritative: "enable"
```

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```
contact: "<your_own_value>"
dns_entry:
-
  canonical_name: "<your_own_value>"
  hostname: "myhostname"
  id: "9"
  ip: "<your_own_value>"
  ipv6: "<your_own_value>"
  preference: "12"
  status: "enable"
  ttl: "14"
  type: "A"
domain: "<your_own_value>"
forwarder: "<your_own_value>"
ip_master: "<your_own_value>"
name: "default_name_19"
primary_name: "<your_own_value>"
source_ip: "84.230.14.43"
status: "enable"
ttl: "23"
type: "master"
view: "shadow"
```

## 5.242.6 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:

## 5.242.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.242.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.243 fortios\_system\_dns\_server – Configure DNS servers in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.243.1 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 v6.0.5

### 5.243.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.243.3 Parameters

### 5.243.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.243.5 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 DNS servers.
  fortios_system_dns_server:
    vdom: "{{ vdom }}"
    state: "present"
    system_dns_server:
      dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
      mode: "recursive"
      name: "default_name_5 (source system.interface.name)"
```

### 5.243.6 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:

### 5.243.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.243.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.244 fortios\_system\_dscp\_based\_priority – Configure DSCP based priority table in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.244.1 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 v6.0.5

### 5.244.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.244.3 Parameters

### 5.244.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.244.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_dscp_based_priority:
      ds: "3"
      id: "4"
      priority: "low"
```

## 5.244.6 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:

## 5.244.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.244.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.245 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



## 5.245.1 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 v6.0.5

## 5.245.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.245.3 Parameters

## 5.245.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.245.5 Examples

```
- hosts: fortigates
collections:
  - 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"
        password: "<your_own_value>"
        port: "5"
        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"
```

## 5.245.6 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:

## 5.245.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.245.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.246 fortios\_system\_external\_resource – Configure external resource in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.246.1 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 v6.0.5

## 5.246.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.246.3 Parameters

## 5.246.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.246.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_external_resource:
      category: "3"
      comments: "<your_own_value>"
      name: "default_name_5"
      refresh_rate: "6"
      resource: "<your_own_value>"
      status: "enable"
      type: "category"
```

## 5.246.6 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:

## 5.246.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.246.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.247 fortios\_system\_fips\_cc – Configure FIPS-CC mode in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.247.1 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 v6.0.5

### 5.247.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.247.3 Parameters

### 5.247.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.247.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    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: "5"
          status: "enable"
```

### 5.247.6 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:

### 5.247.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.247.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.248 fortios\_system\_fm – Configure FM in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.248.1 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 v6.0.5

### 5.248.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.248.3 Parameters

### 5.248.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.248.5 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
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) "
```

## 5.248.6 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:

## 5.248.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.248.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.249 fortios\_system\_fortiguard – Configure FortiGuard services in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.249.1 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 v6.0.5

### 5.249.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.249.3 Parameters

### 5.249.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.249.5 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 FortiGuard services.
  fortios_system_fortiguard:
    vdom: "{{ vdom }}"
    system_fortiguard:
      antispam_cache: "enable"
      antispam_cache_mpercent: "4"
      antispam_cache_ttl: "5"
      antispam_expiration: "6"
      antispam_force_off: "enable"
      antispam_license: "8"
      antispam_timeout: "9"
      auto_join_forticloud: "enable"
      ddns_server_ip: "<your_own_value>"
      ddns_server_port: "12"
      load_balance_servers: "13"
      outbreak_prevention_cache: "enable"
      outbreak_prevention_cache_mpercent: "15"
      outbreak_prevention_cache_ttl: "16"
      outbreak_prevention_expiration: "17"
      outbreak_prevention_force_off: "enable"
      outbreak_prevention_license: "19"
      outbreak_prevention_timeout: "20"
      port: "53"
      sdns_server_ip: "<your_own_value>"
      sdns_server_port: "23"
      service_account_id: "<your_own_value>"
      source_ip: "84.230.14.43"
      source_ip6: "<your_own_value>"
      update_server_location: "usa"
      webfilter_cache: "enable"
      webfilter_cache_ttl: "29"
      webfilter_expiration: "30"
      webfilter_force_off: "enable"
      webfilter_license: "32"
      webfilter_timeout: "33"

```

## 5.249.6 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:

## 5.249.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.249.8 Authors

- Link Zheng (@chillancezen)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.250 fortios\_system\_fortimanager – Configure FortiManager in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.250.1 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 v6.0.5

### 5.250.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.250.3 Parameters

### 5.250.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.250.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      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) "
```

## 5.250.6 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:

## 5.250.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.250.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.251 fortios\_system\_fortisandbox – Configure FortiSandbox in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.251.1 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 v6.0.5

### 5.251.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.251.3 Parameters

### 5.251.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.251.5 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 FortiSandbox.
  fortios_system_fortisandbox:
    vdom: "{{ vdom }}"
    system_fortisandbox:
      email: "<your_own_value>"
      enc_algorithm: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"

```

### 5.251.6 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:

### 5.251.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.251.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.252 fortios\_system\_fsso\_polling – Configure Fortinet Single Sign On (FSSO) server in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.252.1 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 v6.0.5

### 5.252.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.252.3 Parameters

### 5.252.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.252.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    system_fsso_polling:
      auth_password: "<your_own_value>"
      authentication: "enable"
      listening_port: "5"
      status: "enable"
```

### 5.252.6 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:

### 5.252.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.252.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.253 fortios\_system\_ftm\_push – Configure FortiToken Mobile push services in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.253.1 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 v6.0.5

## 5.253.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.253.3 Parameters

## 5.253.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.253.5 Examples

```
- hosts: fortigates
collections:
  - 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_ip: "<your_own_value>"
      server_port: "4"
      status: "enable"
```

## 5.253.6 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:

## 5.253.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.253.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.254 fortios\_system\_geoup\_override – Configure geographical location mapping for IP address(es) to override mappings from FortiGuard in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.254.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and geoup\_override category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

### 5.254.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.254.3 Parameters

### 5.254.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.254.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
      state: "present"
      system_geoip_override:
        country_id: "<your_own_value>"
        description: "<your_own_value>"
        ip_range:
          -
            end_ip: "<your_own_value>"
            id: "7"
            start_ip: "<your_own_value>"
        name: "default_name_9"
```

## 5.254.6 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:

## 5.254.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.254.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.255 fortios\_system\_global – Configure global attributes in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.255.1 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 v6.0.5

### 5.255.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.255.3 Parameters

### 5.255.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.255.5 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 global attributes.
  fortios_system_global:
    vdom: "{{ vdom }}"
    system_global:
      admin_concurrent: "enable"
      admin_console_timeout: "4"
      admin_hsts_max_age: "5"
      admin_https_pki_required: "enable"
      admin_https_redirect: "enable"
      admin_https_ssl_versions: "tlsv1-0"
      admin_lockout_duration: "9"
      admin_lockout_threshold: "10"
      admin_login_max: "11"
      admin_maintainer: "enable"
      admin_port: "13"
      admin_restrict_local: "enable"
      admin_scp: "enable"
      admin_server_cert: "<your_own_value> (source certificate.local.name)"
      admin_sport: "17"
      admin_ssh_grace_time: "18"
      admin_ssh_password: "enable"
      admin_ssh_port: "20"
      admin_ssh_v1: "enable"
      admin_telnet_port: "22"
      admintimeout: "23"
      alias: "<your_own_value>"
      allow_traffic_redirect: "enable"
      anti_replay: "disable"
      arp_max_entry: "27"
      asymroute: "enable"
      auth_cert: "<your_own_value> (source certificate.local.name)"
      auth_http_port: "30"
      auth_https_port: "31"
      auth_keepalive: "enable"
      auth_session_limit: "block-new"
      auto_auth_extension_device: "enable"
      av_affinity: "<your_own_value>"
      av_failopen: "pass"
      av_failopen_session: "enable"
      batch_cmdb: "enable"
      block_session_timer: "39"
      br_fdb_max_entry: "40"
      cert_chain_max: "41"
      cfg_revert_timeout: "42"
      cfg_save: "automatic"
      check_protocol_header: "loose"
      check_reset_range: "strict"
      cli_audit_log: "enable"
      clt_cert_req: "enable"
      compliance_check: "enable"
      compliance_check_time: "<your_own_value>"
      cpu_use_threshold: "50"
      csr_ca_attribute: "enable"

```

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```

daily_restart: "enable"
device_identification_active_scan_delay: "53"
device_idle_timeout: "54"
dh_params: "1024"
dnsproxy_worker_count: "56"
dst: "enable"
endpoint_control_fds_access: "enable"
endpoint_control_portal_port: "59"
failtime: "60"
fds_statistics: "enable"
fds_statistics_period: "62"
fgd_alert_subscription: "advisory"
fortiextender: "enable"
fortiextender_data_port: "65"
fortiextender_vlan_mode: "enable"
fortiservice_port: "67"
gui_certificates: "enable"
gui_custom_language: "enable"
gui_date_format: "yyyy/MM/dd"
gui_device_latitude: "<your_own_value>"
gui_device_longitude: "<your_own_value>"
gui_display_hostname: "enable"
gui_ipv6: "enable"
gui_lines_per_page: "75"
gui_theme: "green"
gui_wireless_opensecurity: "enable"
honor_df: "enable"
hostname: "myhostname"
igmp_state_limit: "80"
interval: "81"
ip_src_port_range: "<your_own_value>"
ips_affinity: "<your_own_value>"
ipsec_asic_offload: "enable"
ipsec_hmac_offload: "enable"
ipsec_soft_dec_async: "enable"
ipv6_accept_dad: "87"
ipv6_allow_anycast_probe: "enable"
language: "english"
ldapconntimeout: "90"
lldp_transmission: "enable"
log_ssl_connection: "enable"
log_uuid: "disable"
login_timestamp: "enable"
long_vdom_name: "enable"
management_vdom: "<your_own_value> (source system.vdom.name) "
max_dlpstat_memory: "97"
max_route_cache_size: "98"
mc_ttl_notchange: "enable"
memory_use_threshold_extreme: "100"
memory_use_threshold_green: "101"
memory_use_threshold_red: "102"
miglog_affinity: "<your_own_value>"
miglogd_children: "104"
multi_factor_authentication: "optional"
multicast_forward: "enable"
ndp_max_entry: "107"
per_user_bwl: "enable"

```

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```
policy_auth_concurrent: "109"
post_login_banner: "disable"
pre_login_banner: "enable"
private_data_encryption: "disable"
proxy_auth_lifetime: "enable"
proxy_auth_lifetime_timeout: "114"
proxy_auth_timeout: "115"
proxy_cipher_hardware_acceleration: "disable"
proxy_kxp_hardware_acceleration: "disable"
proxy_re_authentication_mode: "session"
proxy_worker_count: "119"
radius_port: "120"
reboot_upon_config_restore: "enable"
refresh: "122"
remoteauthtimeout: "123"
reset_sessionless_tcp: "enable"
restart_time: "<your_own_value>"
revision_backup_on_logout: "enable"
revision_image_auto_backup: "enable"
scanunit_count: "128"
security_rating_result_submission: "enable"
security_rating_run_on_schedule: "enable"
send_pmtu_icmp: "enable"
snat_route_change: "enable"
special_file_23_support: "disable"
ssd_trim_date: "134"
ssd_trim_freq: "never"
ssd_trim_hour: "136"
ssd_trim_min: "137"
ssd_trim_weekday: "sunday"
ssh_cbc_cipher: "enable"
ssh_hmac_md5: "enable"
ssh_kex_sha1: "enable"
ssl_min_proto_version: "SSLv3"
ssl_static_key_ciphers: "enable"
sslvpn_cipher_hardware_acceleration: "enable"
sslvpn_kxp_hardware_acceleration: "enable"
sslvpn_max_worker_count: "146"
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: "152"
tcp_halfclose_timer: "153"
tcp_halfopen_timer: "154"
tcp_option: "enable"
tcp_timewait_timer: "156"
tftp: "enable"
timezone: "01"
tp_mc_skip_policy: "enable"
traffic_priority: "tos"
traffic_priority_level: "low"
two_factor_email_expiry: "162"
two_factor_fac_expiry: "163"
two_factor_ftk_expiry: "164"
two_factor_ftm_expiry: "165"
```

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```

two_factor_sms_expiry: "166"
udp_idle_timer: "167"
user_server_cert: "<your_own_value> (source certificate.local.name)"
vdom_admin: "enable"
vip_arp_range: "unlimited"
virtual_server_count: "171"
virtual_server_hardware_acceleration: "disable"
wad_affinity: "<your_own_value>"
wad_csvc_cs_count: "174"
wad_csvc_db_count: "175"
wad_source_affinity: "disable"
wad_worker_count: "177"
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: "182"

```

### 5.255.6 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:

### 5.255.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.255.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.256 fortios\_system\_gre\_tunnel – Configure GRE tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.256.1 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 v6.0.5

## 5.256.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.256.3 Parameters

## 5.256.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.256.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```

state: "present"
system_gre_tunnel:
  checksum_reception: "disable"
  checksum_transmission: "disable"
  dscp_copying: "disable"
  interface: "<your_own_value> (source system.interface.name)"
  ip_version: "4"
  keepalive_failtimes: "8"
  keepalive_interval: "9"
  key_inbound: "10"
  key_outbound: "11"
  local_gw: "<your_own_value>"
  local_gw6: "<your_own_value>"
  name: "default_name_14"
  remote_gw: "<your_own_value>"
  remote_gw6: "<your_own_value>"
  sequence_number_reception: "disable"
  sequence_number_transmission: "disable"

```

### 5.256.6 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:

### 5.256.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.256.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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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## 5.257 fortios\_system\_ha – Configure HA in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.257.1 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 v6.0.5

### 5.257.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.257.3 Parameters

### 5.257.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.257.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
system_ha:
  arps: "3"
  arps_interval: "4"
  authentication: "enable"
  cpu_threshold: "<your_own_value>"
  encryption: "enable"
  ftp_proxy_threshold: "<your_own_value>"
  gratuitous_arps: "enable"
  group_id: "10"
  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: "18"
      interface: "<your_own_value> (source system.interface.name)"
  ha_mgmt_status: "enable"
  ha_uptime_diff_margin: "21"
  hb_interval: "22"
  hb_lost_threshold: "23"
  hbdev: "<your_own_value>"
  hc_eth_type: "<your_own_value>"
  hello_holddown: "26"
  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"
  memory_compatible_mode: "enable"
  memory_threshold: "<your_own_value>"
  mode: "standalone"
  monitor: "<your_own_value> (source system.interface.name)"
  multicast_ttl: "38"
  nntp_proxy_threshold: "<your_own_value>"
  override: "enable"
  override_wait_time: "41"
  password: "<your_own_value>"
  pingserver_failover_threshold: "43"
  pingserver_flip_timeout: "44"
  pingserver_monitor_interface: "<your_own_value> (source system.interface.name)"
  pingserver_slave_force_reset: "enable"
  pop3_proxy_threshold: "<your_own_value>"
  priority: "48"
  route_hold: "49"
  route_ttl: "50"
  route_wait: "51"
  schedule: "none"
  secondary_vcluster:
    monitor: "<your_own_value> (source system.interface.name)"
    override: "enable"

```

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```

        override_wait_time: "56"
        pingserver_failover_threshold: "57"
        pingserver_monitor_interface: "<your_own_value> (source system.interface.
↪name) "
        pingserver_slave_force_reset: "enable"
        priority: "60"
        vcluster_id: "61"
        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) "
        smtp_proxy_threshold: "<your_own_value>"
        standalone_config_sync: "enable"
        standalone_mgmt_vdom: "enable"
        sync_config: "enable"
        sync_packet_balance: "enable"
        unicast_hb: "enable"
        unicast_hb_netmask: "<your_own_value>"
        unicast_hb_peerip: "<your_own_value>"
        uninterruptible_upgrade: "enable"
        vcluster_id: "78"
        vcluster2: "enable"
        vdom: "<your_own_value>"
        weight: "<your_own_value>"

```

## 5.257.6 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:

## 5.257.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.257.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.258 fortios\_system\_ha\_monitor – Configure HA monitor in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.258.1 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 v6.0.5

### 5.258.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.258.3 Parameters

### 5.258.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.258.5 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 HA monitor.
  fortios_system_ha_monitor:
    vdom: "{{ vdom }}"
    system_ha_monitor:
      monitor_vlan: "enable"
      vlan_hb_interval: "4"
      vlan_hb_lost_threshold: "5"
```

## 5.258.6 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:

## 5.258.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.258.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.259 fortios\_system\_interface – Configure interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.259.1 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 v6.0.5

### 5.259.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.259.3 Parameters

### 5.259.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.259.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    system_interface:
      ac_name: "<your_own_value>"
      aggregate: "<your_own_value>"
      algorithm: "L2"
      alias: "<your_own_value>"
      allowaccess: "ping"
```

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```

ap_discover: "enable"
arpforward: "enable"
auth_type: "auto"
auto_auth_extension_device: "enable"
bfd: "global"
bfd_desired_min_tx: "13"
bfd_detect_mult: "14"
bfd_required_min_rx: "15"
broadcast_forticlient_discovery: "enable"
broadcast_forward: "enable"
captive_portal: "18"
cli_conn_status: "19"
color: "20"
dedicated_to: "none"
defaultgw: "enable"
description: "<your_own_value>"
detected_peer_mtu: "24"
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: "32"
dhcp_client_identifier: "myId_33"
dhcp_relay_agent_option: "enable"
dhcp_relay_ip: "<your_own_value>"
dhcp_relay_service: "disable"
dhcp_relay_type: "regular"
dhcp_renew_time: "38"
disc_retry_timeout: "39"
disconnect_threshold: "40"
distance: "41"
dns_server_override: "enable"
drop_fragment: "enable"
drop_overlapped_fragment: "enable"
egress_shaping_profile: "<your_own_value>"
endpoint_compliance: "enable"
estimated_downstream_bandwidth: "47"
estimated_upstream_bandwidth: "48"
explicit_ftp_proxy: "enable"
explicit_web_proxy: "enable"
external: "enable"
fail_action_on_extender: "soft-restart"
fail_alert_interfaces:
-
    name: "default_name_54 (source system.interface.name)"
fail_alert_method: "link-failed-signal"
fail_detect: "enable"
fail_detect_option: "detectserver"
fortiheartbeat: "enable"
fortilink: "enable"
fortilink_backup_link: "60"
fortilink_split_interface: "enable"
fortilink_stacking: "enable"
forward_domain: "63"

```

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```

gwdetect: "enable"
ha_priority: "65"
icmp_accept_redirect: "enable"
icmp_send_redirect: "enable"
ident_accept: "enable"
idle_timeout: "69"
inbandwidth: "70"
ingress_spillover_threshold: "71"
interface: "<your_own_value> (source system.interface.name)"
internal: "73"
ip: "<your_own_value>"
ipmac: "enable"
ips_sniffer_mode: "enable"
ipunnumbered: "<your_own_value>"
ipv6:
  autoconf: "enable"
  dhcp6_client_options: "rapid"
  dhcp6_information_request: "enable"
  dhcp6_prefix_delegation: "enable"
  dhcp6_prefix_hint: "<your_own_value>"
  dhcp6_prefix_hint_plt: "84"
  dhcp6_prefix_hint_vlt: "85"
  dhcp6_relay_ip: "<your_own_value>"
  dhcp6_relay_service: "disable"
  dhcp6_relay_type: "regular"
  ip6_address: "<your_own_value>"
  ip6_allowaccess: "ping"
  ip6_default_life: "91"
  ip6_delegated_prefix_list:
    -
      autonomous_flag: "enable"
      onlink_flag: "enable"
      prefix_id: "95"
      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: "103"
  ip6_link_mtu: "104"
  ip6_manage_flag: "enable"
  ip6_max_interval: "106"
  ip6_min_interval: "107"
  ip6_mode: "static"
  ip6_other_flag: "enable"
  ip6_prefix_list:
    -
      autonomous_flag: "enable"
      dnssl:
        -
          domain: "<your_own_value>"
          onlink_flag: "enable"
          preferred_life_time: "115"
          prefix: "<your_own_value>"

```

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```

        rdns: "<your_own_value>"
        valid_life_time: "118"
        ip6_reachable_time: "119"
        ip6_retrans_time: "120"
        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: "127"
        nd_timestamp_delta: "128"
        nd_timestamp_fuzz: "129"
        vrip6_link_local: "<your_own_value>"
        vrrp_virtual_mac6: "enable"
        vrrp6:
        -
            accept_mode: "enable"
            adv_interval: "134"
            preempt: "enable"
            priority: "136"
            start_time: "137"
            status: "enable"
            vrdest6: "<your_own_value>"
            vrgrp: "140"
            vrid: "141"
            vrip6: "<your_own_value>"
        12forward: "enable"
        lacp_ha_slave: "enable"
        lacp_mode: "static"
        lacp_speed: "slow"
        lcp_echo_interval: "147"
        lcp_max_echo_fails: "148"
        link_up_delay: "149"
        lldp_transmission: "enable"
        macaddr: "<your_own_value>"
        managed_device:
        -
            name: "default_name_153"
        management_ip: "<your_own_value>"
        member:
        -
            interface_name: "<your_own_value> (source system.interface.name)"
        min_links: "157"
        min_links_down: "operational"
        mode: "static"
        mtu: "160"
        mtu_override: "enable"
        name: "default_name_162"
        ndiscforward: "enable"
        netbios_forward: "disable"
        netflow_sampler: "disable"
        outbandwidth: "166"
        padt_retry_timeout: "167"
        password: "<your_own_value>"
        ping_serv_status: "169"
        polling_interval: "170"

```

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```

pppoe_unnumbered_negotiate: "enable"
pptp_auth_type: "auto"
pptp_client: "enable"
pptp_password: "<your_own_value>"
pptp_server_ip: "<your_own_value>"
pptp_timeout: "176"
pptp_user: "<your_own_value>"
preserve_session_route: "enable"
priority: "179"
priority_override: "enable"
proxy_captive_portal: "enable"
redundant_interface: "<your_own_value>"
remote_ip: "<your_own_value>"
replacemsg_override_group: "<your_own_value>"
role: "lan"
sample_direction: "tx"
sample_rate: "187"
scan_botnet_connections: "disable"
secondary_IP: "enable"
secondaryip:
-
  allowaccess: "ping"
  detectprotocol: "ping"
  detectserver: "<your_own_value>"
  gwdetect: "enable"
  ha_priority: "195"
  id: "196"
  ip: "<your_own_value>"
  ping_serv_status: "198"
  security_exempt_list: "<your_own_value>"
  security_external_logout: "<your_own_value>"
  security_external_web: "<your_own_value>"
  security_groups:
  -
    name: "default_name_203"
  security_mac_auth_bypass: "enable"
  security_mode: "none"
  security_redirect_url: "<your_own_value>"
  service_name: "<your_own_value>"
  sflow_sampler: "enable"
  snmp_index: "209"
  speed: "auto"
  spillover_threshold: "211"
  src_check: "enable"
  status: "up"
  stpforward: "enable"
  stpforward_mode: "rpl-all-ext-id"
  subst: "enable"
  substitute_dst_mac: "<your_own_value>"
  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_igmp_snooping: "enable"
  switch_controller_learning_limit: "225"

```

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```

tagging:
-
  category: "<your_own_value> (source system.object-tagging.category) "
  name: "default_name_228"
  tags:
  -
    name: "default_name_230 (source system.object-tagging.tags.name) "
tcp_mss: "231"
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: "241"
vlanforward: "enable"
vlanid: "243"
vrf: "244"
vrrp:
-
  accept_mode: "enable"
  adv_interval: "247"
  ignore_default_route: "enable"
  preempt: "enable"
  priority: "250"
  proxy_arp:
  -
    id: "252"
    ip: "<your_own_value>"
    start_time: "254"
    status: "enable"
    version: "2"
    vrdest: "<your_own_value>"
    vrdest_priority: "258"
    vrgrp: "259"
    vrid: "260"
    vrip: "<your_own_value>"
vrrp_virtual_mac: "enable"
wccp: "enable"
weight: "264"
wins_ip: "<your_own_value>"

```

## 5.259.6 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:

## 5.259.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.259.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.260 fortios\_system\_ipip\_tunnel – Configure IP in IP Tunneling in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.260.1 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 v6.0.5

### 5.260.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.260.3 Parameters

### 5.260.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.260.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    system_ipip_tunnel:
      interface: "<your_own_value> (source system.interface.name)"
      local_gw: "<your_own_value>"
      name: "default_name_5"
      remote_gw: "<your_own_value>"
```

### 5.260.6 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:

### 5.260.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.260.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.261 fortios\_system\_ips\_urlfilter\_dns – Configure IPS URL filter DNS servers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.261.1 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 v6.0.5

### 5.261.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.261.3 Parameters

### 5.261.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.261.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_ips_urlfilter_dns:
      address: "<your_own_value>"
      ipv6_capability: "enable"
      status: "enable"
```

## 5.261.6 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:

## 5.261.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.261.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.262 fortios\_system\_ips\_urlfilter\_dns6 – Configure IPS URL filter IPv6 DNS servers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.262.1 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 v6.0.5

### 5.262.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.262.3 Parameters

### 5.262.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.262.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```
vdom:  "{{ vdom }}"
state: "present"
system_ips_urlfilter_dns6:
  address6: "<your_own_value>"
  status: "enable"
```

### 5.262.6 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:

### 5.262.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.262.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.263 fortios\_system\_ipv6\_neighbor\_cache – Configure IPv6 neighbor cache table in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.263.1 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 v6.0.5

### 5.263.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.263.3 Parameters

### 5.263.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.263.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_ipv6_neighbor_cache:
      id: "3"
      interface: "<your_own_value> (source system.interface.name)"
      ipv6: "<your_own_value>"
      mac: "<your_own_value>"
```

### 5.263.6 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:

### 5.263.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.263.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.264 fortios\_system\_ipv6\_tunnel – Configure IPv6/IPv4 in IPv6 tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.264.1 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 v6.0.5

### 5.264.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.264.3 Parameters

### 5.264.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.264.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        system_ipv6_tunnel:
          destination: "<your_own_value>"
          interface: "<your_own_value> (source system.interface.name)"
          name: "default_name_5"
          source: "<your_own_value>"
```

### 5.264.6 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:

### 5.264.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.264.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.265 fortios\_system\_link\_monitor – Configure Link Health Monitor in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.265.1 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 v6.0.5

### 5.265.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.265.3 Parameters

### 5.265.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.265.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_link_monitor:
      addr_mode: "ipv4"
      failtime: "4"
      gateway_ip: "<your_own_value>"
      gateway_ip6: "<your_own_value>"
      ha_priority: "7"
      http_agent: "<your_own_value>"
      http_get: "<your_own_value>"
      http_match: "<your_own_value>"
      interval: "11"
      name: "default_name_12"
      packet_size: "13"
      password: "<your_own_value>"
      port: "15"
      protocol: "ping"
      recoverytime: "17"
      security_mode: "none"
      server:
        -
          address: "<your_own_value>"
          source_ip: "84.230.14.43"
          source_ip6: "<your_own_value>"
          srcintf: "<your_own_value> (source system.interface.name)"
          status: "enable"
          update_cascade_interface: "enable"
          update_static_route: "enable"
```

## 5.265.6 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:

## 5.265.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.265.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.266 fortios\_system\_lte\_modem – Configure USB LTE/WIMAX devices in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.266.1 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 v6.0.5

### 5.266.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0



### 5.266.3 Parameters

### 5.266.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.266.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "6"
          interface: "<your_own_value> (source system.interface.name)"
          mode: "standalone"
          modem_port: "9"
          passwd: "<your_own_value>"
          status: "enable"
          username: "<your_own_value>"
```

### 5.266.6 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:

### 5.266.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.266.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.267 fortios\_system\_mac\_address\_table – Configure MAC address tables in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.267.1 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 v6.0.5

### 5.267.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.267.3 Parameters

### 5.267.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.267.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    system_mac_address_table:
      interface: "<your_own_value> (source system.interface.name)"
      mac: "<your_own_value>"
      reply_substitute: "<your_own_value>"
```

## 5.267.6 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:

## 5.267.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.267.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.268 fortios\_system\_management\_tunnel – Management tunnel configuration in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.268.1 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 v6.0.5

### 5.268.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.268.3 Parameters

### 5.268.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.268.5 Examples

```
- hosts: fortigates
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:
```

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```

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"

```

## 5.268.6 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:

## 5.268.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.268.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.269 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.269.1 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 v6.0.5

## 5.269.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.269.3 Parameters

## 5.269.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.269.5 Examples

```
- hosts: fortigates
collections:
  - 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)
    fortios_system_mobile_tunnel:
      vdom: "{{ vdom }}"
      state: "present"
      system_mobile_tunnel:
        hash_algorithm: "hmac-md5"
        home_address: "<your_own_value>"
        home_agent: "<your_own_value>"
        lifetime: "6"
```

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```

n_mhae_key: "<your_own_value>"
n_mhae_key_type: "ascii"
n_mhae_spi: "9"
name: "default_name_10"
network:
  -
    id: "12"
    interface: "<your_own_value> (source system.interface.name)"
    prefix: "<your_own_value>"
  reg_interval: "15"
  reg_retry: "16"
  renew_interval: "17"
  roaming_interface: "<your_own_value> (source system.interface.name)"
  status: "disable"
  tunnel_mode: "gre"

```

## 5.269.6 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:

## 5.269.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.269.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.270 fortios\_system\_modem – Configure MODEM in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*

- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.270.1 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 v6.0.5

### 5.270.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.270.3 Parameters

### 5.270.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.270.5 Examples

```
- hosts: fortigates
  collections:
    - 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 }}"
        system_modem:
          action: "dial"
          altmode: "enable"
```

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```

authtype1: "pap"
authtype2: "pap"
authtype3: "pap"
auto_dial: "enable"
connect_timeout: "9"
dial_cmd1: "<your_own_value>"
dial_cmd2: "<your_own_value>"
dial_cmd3: "<your_own_value>"
dial_on_demand: "enable"
distance: "14"
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: "21"
idle_timer: "22"
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: "40"
redial: "none"
reset: "42"
status: "enable"
traffic_check: "enable"
username1: "<your_own_value>"
username2: "<your_own_value>"
username3: "<your_own_value>"
wireless_port: "48"

```

## 5.270.6 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:

## 5.270.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.270.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.271 fortios\_system\_nat64 – Configure NAT64 in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.271.1 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 v6.0.5

### 5.271.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.271.3 Parameters

### 5.271.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.271.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
```

### 5.271.6 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:

### 5.271.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.271.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.272 fortios\_system\_nd\_proxy – Configure IPv6 neighbor discovery proxy (RFC4389) in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.272.1 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 v6.0.5

### 5.272.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.272.3 Parameters

### 5.272.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.272.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
```

## 5.272.6 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:

## 5.272.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.272.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.273 fortios\_system\_netflow – Configure NetFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.273.1 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 v6.0.5

### 5.273.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.273.3 Parameters

### 5.273.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.273.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom:  "{{ vdom }}"
system_netflow:
  active_flow_timeout: "3"
  collector_ip: "<your_own_value>"
  collector_port: "5"
  inactive_flow_timeout: "6"
  source_ip: "84.230.14.43"
  template_tx_counter: "8"
  template_tx_timeout: "9"

```

### 5.273.6 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:

### 5.273.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.273.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.274 fortios\_system\_network\_visibility – Configure network visibility settings in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 5.274.1 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 v6.0.5

## 5.274.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.274.3 Parameters

## 5.274.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.274.5 Examples

```
- hosts: fortigates
collections:
  - 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: "6"
      hostname_ttl: "7"
      source_location: "disable"
```



## 5.274.6 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:

## 5.274.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.274.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.275 fortios\_system\_npu – Configure NPU attributes in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.275.1 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 v6.0.5

## 5.275.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.275.3 Parameters

## 5.275.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.275.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      iph_rsvd_re_cksum: "enable"
      per_session_accounting: "disable"
```

## 5.275.6 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:

## 5.275.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.275.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.276 fortios\_system\_ntp – Configure system NTP information in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.276.1 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 v6.0.5

### 5.276.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.276.3 Parameters

### 5.276.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.276.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      interface:
        -
          interface_name: "<your_own_value> (source system.interface.name)"
      ntpserver:
        -
          authentication: "enable"
          id: "7"
          key: "<your_own_value>"
          key_id: "9"
          ntpv3: "enable"
          server: "192.168.100.40"
      ntpsync: "enable"
      server_mode: "enable"
      source_ip: "84.230.14.43"
      source_ip6: "<your_own_value>"
      syncinterval: "16"
      type: "fortiguard"
```

## 5.276.6 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:

## 5.276.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.276.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.277 fortios\_system\_object\_tagging – Configure object tagging in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.277.1 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 v6.0.5

### 5.277.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.277.3 Parameters

### 5.277.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.277.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    state: "present"
    system_object_tagging:
      address: "disable"
      category: "<your_own_value>"
      color: "5"
      device: "disable"
      interface: "disable"
      multiple: "enable"
    tags:
    - name: "default_name_10"
```

## 5.277.6 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:

## 5.277.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.277.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.278 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.278.1 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 v6.0.5

### 5.278.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.278.3 Parameters

### 5.278.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.278.5 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 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: "5"
      expire_status: "enable"
      min_lower_case_letter: "7"
      min_non_alphanumeric: "8"
      min_number: "9"
      min_upper_case_letter: "10"
      minimum_length: "11"
      reuse_password: "enable"
      status: "enable"
```

## 5.278.6 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:

## 5.278.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.278.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.279 fortios\_system\_password\_policy\_guest\_admin – Configure the password policy for guest administrators in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.279.1 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 v6.0.5

### 5.279.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.279.3 Parameters

### 5.279.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.279.5 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 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: "5"
      expire_status: "enable"
      min_lower_case_letter: "7"
      min_non_alphanumeric: "8"
      min_number: "9"
      min_upper_case_letter: "10"
      minimum_length: "11"
      reuse_password: "enable"
      status: "enable"
```

## 5.279.6 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:

## 5.279.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.279.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.280 fortios\_system\_physical\_switch – Configure physical switches in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.280.1 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 v6.0.5

### 5.280.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.280.3 Parameters

### 5.280.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.280.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```
vdom: "{{ vdom }}"
state: "present"
system_physical_switch:
  age_enable: "enable"
  age_val: "4"
  name: "default_name_5"
  port:
    -
      name: "default_name_7"
      speed: "auto"
      status: "up"
```

## 5.280.6 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:

## 5.280.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.280.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.281 fortios\_system\_pppoe\_interface – Configure the PPPoE interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.281.1 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 v6.0.5

### 5.281.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.281.3 Parameters

### 5.281.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.281.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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: "7"
```

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```
idle_timeout: "8"
ipunnumbered: "<your_own_value>"
ipv6: "enable"
lcp_echo_interval: "11"
lcp_max_echo_fails: "12"
name: "default_name_13"
padt_retry_timeout: "14"
password: "<your_own_value>"
pppoe_unnumbered_negotiate: "enable"
service_name: "<your_own_value>"
username: "<your_own_value>"
```

## 5.281.6 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:

## 5.281.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.281.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.282 fortios\_system\_probe\_response – Configure system probe response in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.282.1 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 v6.0.5

### 5.282.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.282.3 Parameters

### 5.282.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.282.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "6"
      security_mode: "none"
      timeout: "8"
      ttl_mode: "reinit"
```

## 5.282.6 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:

## 5.282.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.282.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.283 fortios\_system\_proxy\_arp – Configure proxy-ARP in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.283.1 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 v6.0.5



## 5.283.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.283.3 Parameters

## 5.283.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.283.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_proxy_arp:
      end_ip: "<your_own_value>"
      id: "4"
      interface: "<your_own_value> (source system.interface.name)"
      ip: "<your_own_value>"
```

## 5.283.6 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:

## 5.283.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.283.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.284 fortios\_system\_replacemsg\_admin – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.284.1 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 v6.0.5

### 5.284.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.284.3 Parameters

### 5.284.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.284.5 Examples

```
- hosts: fortigates
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"
      system_replacemsg_admin:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<your_own_value>"
```

## 5.284.6 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:

## 5.284.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.284.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.285 fortios\_system\_replacemsg\_alertmail – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

---

**5.285. fortios\_system\_replacemsg\_alertmail – Replacement messages in Fortinet’s FortiOS and FortiGate.**

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.285.1 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 v6.0.5

### 5.285.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.285.3 Parameters

### 5.285.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.285.5 Examples

```
- hosts: fortigates
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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
system_replacemsg_alertmail:
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"

```

### 5.285.6 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:

### 5.285.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.285.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.286 fortios\_system\_replacemsg\_auth – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 5.286.1 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 v6.0.5

## 5.286.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.286.3 Parameters

## 5.286.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.286.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_auth:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.286.6 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:

## 5.286.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.286.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.287 fortios\_system\_replacemsg\_device\_detection\_portal – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.287.1 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 v6.0.5

## 5.287.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.287.3 Parameters

## 5.287.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.287.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_device_detection_portal:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.287.6 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:

## 5.287.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.287.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)



- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.288 fortios\_system\_replacemsg\_ec – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.288.1 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 v6.0.5

### 5.288.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.288.3 Parameters

### 5.288.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.288.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_ec:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.288.6 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:

## 5.288.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.288.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.289 fortios\_system\_replacemsg\_fortiguard\_wf – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.289.1 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 v6.0.5

### 5.289.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.289.3 Parameters

### 5.289.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.289.5 Examples

```
- hosts: fortigates
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:
```

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```
vdom:  "{{ vdom }}"
state: "present"
system_replacemsg_fortiguard_wf:
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
```

## 5.289.6 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:

## 5.289.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.289.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.290 fortios\_system\_replacemsg\_ftp – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.290.1 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 v6.0.5

### 5.290.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.290.3 Parameters

### 5.290.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.290.5 Examples

```
- hosts: fortigates
  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"
        system_replacemsg_ftp:
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
```

## 5.290.6 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:

## 5.290.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.290.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.291 fortios\_system\_replacemsg\_group – Configure replacement message groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.291.1 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 v6.0.5

## 5.291.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.291.3 Parameters

## 5.291.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.291.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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>"
    comment: "Comment."
    custom_message:
      -
        buffer: "<your_own_value>"
```

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```

    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>"
nac_quar:
-
    buffer: "<your_own_value>"
    format: "none"
    header: "none"
    msg_type: "<your_own_value>"
name: "default_name_65"
nntp:
-
    buffer: "<your_own_value>"
    format: "none"

```

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```

    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>"

```

## 5.291.6 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:

## 5.291.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.291.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.292 fortios\_system\_replacemsg\_http – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.292.1 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 v6.0.5

### 5.292.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.292.3 Parameters

### 5.292.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.292.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_http:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.292.6 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:

## 5.292.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.292.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.293 fortios\_system\_replacemsg\_icap – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.293.1 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 v6.0.5

### 5.293.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.293.3 Parameters

### 5.293.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.293.5 Examples

```
- hosts: fortigates
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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
system_replacemsg_icap:
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"

```

### 5.293.6 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:

### 5.293.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.293.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.294 fortios\_system\_replacemsg\_image – Configure replacement message images in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 5.294.1 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 v6.0.5

## 5.294.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.294.3 Parameters

## 5.294.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.294.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        system_replacemsg_image:
          image_base64: "<your_own_value>"
          image_type: "gif"
          name: "default_name_5"
```

## 5.294.6 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:

### 5.294.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.294.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.295 fortios\_system\_replacemsg\_mail – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.295.1 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 v6.0.5

### 5.295.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.295.3 Parameters

### 5.295.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.295.5 Examples

```
- hosts: fortigates
  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"
        system_replacemsg_mail:
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
```

### 5.295.6 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:

### 5.295.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.295.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)



---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.296 fortios\_system\_replacemsg\_nac\_quar – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.296.1 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 v6.0.5

### 5.296.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.296.3 Parameters

### 5.296.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.296.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_nac_quar:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.296.6 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:

## 5.296.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.296.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.297 fortios\_system\_replacemsg\_nttp – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.297.1 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 v6.0.5

### 5.297.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.297.3 Parameters

### 5.297.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.297.5 Examples

```
- hosts: fortigates
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:
```

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```
vdom: "{{ vdom }}"
state: "present"
system_replacemsg_nntp:
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"
```

### 5.297.6 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:

### 5.297.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.297.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.298 fortios\_system\_replacemsg\_spam – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.298.1 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 v6.0.5

### 5.298.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.298.3 Parameters

### 5.298.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.298.5 Examples

```
- hosts: fortigates
  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"
        system_replacemsg_spam:
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
```

## 5.298.6 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:

## 5.298.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.298.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.299 fortios\_system\_replacemsg\_sslvpn – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.299.1 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 v6.0.5

## 5.299.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.299.3 Parameters

## 5.299.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.299.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_sslvpn:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

## 5.299.6 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:

## 5.299.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.299.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.300 fortios\_system\_replacemsg\_traffic\_quota – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.300.1 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 v6.0.5

### 5.300.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.300.3 Parameters

### 5.300.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



### 5.300.5 Examples

```
- hosts: fortigates
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"
    system_replacemsg_traffic_quota:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

### 5.300.6 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:

### 5.300.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.300.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.301 fortios\_system\_replacemsg\_utm – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.301.1 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 v6.0.5

### 5.301.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.301.3 Parameters

### 5.301.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.301.5 Examples

```
- hosts: fortigates
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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
system_replacemsg_utm:
  buffer: "<your_own_value>"
  format: "none"
  header: "none"
  msg_type: "<your_own_value>"

```

### 5.301.6 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:

### 5.301.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.301.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.302 fortios\_system\_replacemsg\_webproxy – Replacement messages in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 5.302.1 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 v6.0.5

## 5.302.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.302.3 Parameters

## 5.302.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.302.5 Examples

```
- hosts: fortigates
  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"
        system_replacemsg_webproxy:
          buffer: "<your_own_value>"
          format: "none"
          header: "none"
          msg_type: "<your_own_value>"
```

### 5.302.6 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:

### 5.302.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.302.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.303 fortios\_system\_resource\_limits – Configure resource limits in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.303.1 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 v6.0.5

## 5.303.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.303.3 Parameters

## 5.303.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.303.5 Examples

```
- hosts: fortigates
collections:
  - 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: "3"
      dialup_tunnel: "4"
      firewall_address: "5"
      firewall_addrgrp: "6"
      firewall_policy: "7"
      ipsec_phase1: "8"
      ipsec_phase1_interface: "9"
      ipsec_phase2: "10"
      ipsec_phase2_interface: "11"
      log_disk_quota: "12"
      onetime_schedule: "13"
      proxy: "14"
      recurring_schedule: "15"
      service_group: "16"
      session: "17"
      sslvpn: "18"
      user: "19"
      user_group: "20"
```

### 5.303.6 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:

### 5.303.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.303.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.304 fortios\_system\_sdn\_connector – Configure connection to SDN Connector in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.304.1 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 v6.0.5

## 5.304.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.304.3 Parameters

## 5.304.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.304.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_sdn_connector:
      access_key: "<your_own_value>"
      azure_region: "global"
      client_id: "<your_own_value>"
      client_secret: "<your_own_value>"
      compartment_id: "<your_own_value>"
      external_ip:
        -
          name: "default_name_9"
      gcp_project: "<your_own_value>"
      key_passwd: "<your_own_value>"
      login_endpoint: "<your_own_value>"
      name: "default_name_13"
    nic:
      -
        ip:
          -
            name: "default_name_16"
            public_ip: "<your_own_value>"
          name: "default_name_18"
    oci_cert: "<your_own_value> (source certificate.local.name)"
    oci_fingerprint: "<your_own_value>"
    oci_region: "phoenix"
```

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```

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_28"
route_table:
  -
    name: "default_name_30"
    route:
      -
        name: "default_name_32"
        next_hop: "<your_own_value>"
secret_key: "<your_own_value>"
server: "192.168.100.40"
server_port: "36"
service_account: "<your_own_value>"
status: "disable"
subscription_id: "<your_own_value>"
tenant_id: "<your_own_value>"
type: "aci"
update_interval: "42"
use_metadata_iam: "disable"
user_id: "<your_own_value>"
username: "<your_own_value>"
vpc_id: "<your_own_value>"

```

### 5.304.6 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:

### 5.304.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.304.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.305 fortios\_system\_session\_helper – Configure session helper in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.305.1 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 v6.0.5

### 5.305.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.305.3 Parameters

### 5.305.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.305.5 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 session helper.
  fortios_system_session_helper:
    vdom: "{{ vdom }}"
    state: "present"
    system_session_helper:
      id: "3"
      name: "default_name_4"
      port: "5"
      protocol: "6"

```

### 5.305.6 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:

### 5.305.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.305.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.306 fortios\_system\_session\_ttl – Configure global session TTL timers for this FortiGate in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.306.1 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 v6.0.5

### 5.306.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.306.3 Parameters

### 5.306.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.306.5 Examples

```
- hosts: fortigates
collections:
  - 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: "5"
          id: "6"
```

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```
protocol: "7"
start_port: "8"
timeout: "<your_own_value>"
```

### 5.306.6 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:

### 5.306.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.306.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.307 fortios\_system\_settings – Configure VDOM settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.307.1 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 v6.0.5

### 5.307.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.307.3 Parameters

### 5.307.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.307.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      asymroute: "enable"
      asymroute_icmp: "enable"
      asymroute6: "enable"
      asymroute6_icmp: "enable"
      bfd: "enable"
      bfd_desired_min_tx: "10"
      bfd_detect_mult: "11"
      bfd_dont_enforce_src_port: "enable"
      bfd_required_min_rx: "13"
      block_land_attack: "disable"
      central_nat: "enable"
      comments: "<your_own_value>"
      compliance_check: "enable"
```

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```

default_voip_alg_mode: "proxy-based"
deny_tcp_with_icmp: "enable"
device: "<your_own_value> (source system.interface.name)"
dhcp_proxy: "enable"
dhcp_server_ip: "<your_own_value>"
dhcp6_server_ip: "<your_own_value>"
discovered_device_timeout: "24"
ecmp_max_paths: "25"
email_portal_check_dns: "disable"
firewall_session_dirty: "check-all"
fw_session_hairpin: "enable"
gateway: "<your_own_value>"
gateway6: "<your_own_value>"
gui_advanced_policy: "enable"
gui_allow_unnamed_policy: "enable"
gui_antivirus: "enable"
gui_ap_profile: "enable"
gui_application_control: "enable"
gui_default_policy_columns:
-
    name: "default_name_37"
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_explicit_proxy: "enable"
gui_fortiap_split_tunneling: "enable"
gui_fortitextender_controller: "enable"
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_policy_based_ipsec: "enable"
gui_policy_learning: "enable"
gui_replacement_message_groups: "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_voip_profile: "enable"
gui_vpn: "enable"

```

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```

gui_waf_profile: "enable"
gui_wan_load_balancing: "enable"
gui_wanopt_cache: "enable"
gui_webfilter: "enable"
gui_webfilter_advanced: "enable"
gui_wireless_controller: "enable"
http_external_dest: "fortiweb"
ike_dn_format: "with-space"
ike_quick_crash_detect: "enable"
ike_session_resume: "enable"
implicit_allow_dns: "enable"
inspection_mode: "proxy"
ip: "<your_own_value>"
ip6: "<your_own_value>"
link_down_access: "enable"
lldp_transmission: "enable"
mac_ttl: "90"
manageip: "<your_own_value>"
manageip6: "<your_own_value>"
multicast_forward: "enable"
multicast_skip_policy: "enable"
multicast_ttl_notchange: "enable"
ngfw_mode: "profile-based"
opmode: "nat"
prp_trailer_action: "enable"
sccp_port: "99"
ses_denied_traffic: "enable"
sip_helper: "enable"
sip_nat_trace: "enable"
sip_ssl_port: "103"
sip_tcp_port: "104"
sip_udp_port: "105"
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"
vpn_stats_log: "ipsec"
vpn_stats_period: "114"
wccp_cache_engine: "enable"

```

### 5.307.6 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:

### 5.307.7 Status

- This module is not guaranteed to have a backwards compatible interface.



## 5.307.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.308 fortios\_system\_sflow – Configure sFlow in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.308.1 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 v6.0.5

### 5.308.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.308.3 Parameters

### 5.308.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.308.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "4"
          source_ip: "84.230.14.43"
```

### 5.308.6 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:

### 5.308.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.308.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.309 fortios\_system\_sit\_tunnel – Configure IPv6 tunnel over IPv4 in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.309.1 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 v6.0.5

### 5.309.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.309.3 Parameters

### 5.309.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.309.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_sit_tunnel:
      destination: "<your_own_value>"
      interface: "<your_own_value> (source system.interface.name)"
      ip6: "<your_own_value>"
      name: "default_name_6"
      source: "<your_own_value>"
```

## 5.309.6 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:

## 5.309.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.309.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.310 fortios\_system\_sms\_server – Configure SMS server for sending SMS messages to support user authentication in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.310.1 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 v6.0.5

### 5.310.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.310.3 Parameters

### 5.310.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.310.5 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 SMS server for sending SMS messages to support user_
  authentication.
  fortios_system_sms_server:
    vdom: "{{ vdom }}"
    state: "present"
    system_sms_server:
      mail_server: "<your_own_value>"
      name: "default_name_4"
```

## 5.310.6 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:

## 5.310.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.310.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.311 fortios\_system\_snmp\_community – SNMP community configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.311.1 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 v6.0.5

### 5.311.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.311.3 Parameters

### 5.311.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.311.5 Examples

```
- hosts: fortigates
  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"
        system_snmp_community:
          events: "cpu-high"
          hosts:
            -
              ha_direct: "enable"
```

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```
    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"
  name: "default_name_17"
  query_v1_port: "18"
  query_v1_status: "enable"
  query_v2c_port: "20"
  query_v2c_status: "enable"
  status: "enable"
  trap_v1_lport: "23"
  trap_v1_rport: "24"
  trap_v1_status: "enable"
  trap_v2c_lport: "26"
  trap_v2c_rport: "27"
  trap_v2c_status: "enable"
```

### 5.311.6 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:

### 5.311.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.311.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.312 fortios\_system\_snmp\_sysinfo – SNMP system info configuration in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.312.1 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 v6.0.5

### 5.312.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.312.3 Parameters

### 5.312.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.312.5 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: 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>"
      location: "<your_own_value>"
      status: "enable"
      trap_high_cpu_threshold: "8"
      trap_log_full_threshold: "9"
      trap_low_memory_threshold: "10"
```

### 5.312.6 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:

### 5.312.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.312.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.313 fortios\_system\_snmp\_user – SNMP user configuration in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.313.1 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 v6.0.5

### 5.313.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.313.3 Parameters

### 5.313.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.313.5 Examples

```
- hosts: fortigates
  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 }}"
```

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```
state: "present"
system_snmp_user:
  auth_proto: "md5"
  auth_pwd: "<your_own_value>"
  events: "cpu-high"
  ha_direct: "enable"
  name: "default_name_7"
  notify_hosts: "<your_own_value>"
  notify_hosts6: "<your_own_value>"
  priv_proto: "aes"
  priv_pwd: "<your_own_value>"
  queries: "enable"
  query_port: "13"
  security_level: "no-auth-no-priv"
  source_ip: "84.230.14.43"
  source_ipv6: "<your_own_value>"
  status: "enable"
  trap_lport: "18"
  trap_rport: "19"
  trap_status: "enable"
```

### 5.313.6 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:

### 5.313.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.313.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.314 fortios\_system\_storage – Configure logical storage in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.314.1 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 v6.0.5

### 5.314.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.314.3 Parameters

### 5.314.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.314.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```
vdom: "{{ vdom }}"
state: "present"
system_storage:
  device: "<your_own_value>"
  media_status: "enable"
  name: "default_name_5"
  order: "6"
  partition: "<your_own_value>"
  size: "8"
  status: "enable"
  usage: "log"
  wanopt_mode: "mix"
```

### 5.314.6 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:

### 5.314.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.314.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.315 fortios\_system\_stp – Configure Spanning Tree Protocol (STP) in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.315.1 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 v6.0.5

### 5.315.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.315.3 Parameters

### 5.315.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.315.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "3"
          forward_delay: "4"
          hello_time: "5"
          max_age: "6"
          max_hops: "7"
```

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```
region_name: "<your_own_value>"
status: "<your_own_value>"
switch_priority: "0"
```

### 5.315.6 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:

### 5.315.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.315.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.316 fortios\_system\_switch\_interface – Configure software switch interfaces by grouping physical and WiFi interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 5.316.1 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 v6.0.5

### 5.316.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.316.3 Parameters

### 5.316.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.316.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      system_switch_interface:
        intra_switch_policy: "implicit"
        member:
          -
            interface_name: "<your_own_value> (source system.interface.name)"
            name: "default_name_6"
            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)"
```

### 5.316.6 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:

### 5.316.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.316.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.317 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.317.1 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 v6.0.5

## 5.317.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.317.3 Parameters

## 5.317.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.317.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      system_tos_based_priority:
        id: "3"
        priority: "low"
        tos: "5"
```

## 5.317.6 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:

## 5.317.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.317.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.318 fortios\_system\_vdom – Configure virtual domain in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.318.1 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 v6.0.5

### 5.318.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.318.3 Parameters

### 5.318.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.318.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_vdom:
      name: "default_name_3"
      short_name: "<your_own_value>"
      temporary: "5"
      vcluster_id: "6"
```

### 5.318.6 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:

### 5.318.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.318.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.319 fortios\_system\_vdom\_dns – Configure DNS servers for a non-management VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.319.1 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 v6.0.5

### 5.319.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.319.3 Parameters

### 5.319.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.319.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom:  "{{ vdom }}"
system_vdom_dns:
  ip6_primary: "<your_own_value>"
  ip6_secondary: "<your_own_value>"
  primary: "<your_own_value>"
  secondary: "<your_own_value>"
  source_ip: "84.230.14.43"
  vdom_dns: "enable"

```

### 5.319.6 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:

### 5.319.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.319.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.320 fortios\_system\_vdom\_exception – Global configuration objects that can be configured independently for all VDOMs or for the defined VDOM scope in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

---

**5.320. fortios\_system\_vdom\_exception** – Global configuration objects that can be configured independently for all VDOMs or for the defined VDOM scope in Fortinet’s FortiOS and FortiGate. 667

- *Return Values*
- *Status*
- *Authors*

### 5.320.1 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 v6.0.5

### 5.320.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.320.3 Parameters

### 5.320.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.320.5 Examples

```
- hosts: fortigates
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 for all
    ↪VDOMs or for the defined VDOM scope.
    fortios_system_vdom_exception:
      vdom: "{{ vdom }}"
      state: "present"
      system_vdom_exception:
        id: "3"
        object: "log.fortianalyzer.setting"
        oid: "5"
        scope: "all"
        vdom:
          -
            name: "default_name_8 (source system.vdom.name) "
```



### 5.320.6 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:

### 5.320.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.320.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.321 fortios\_system\_vdom\_link – Configure VDOM links in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.321.1 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 v6.0.5

## 5.321.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.321.3 Parameters

## 5.321.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.321.5 Examples

```
- hosts: fortigates
collections:
  - 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 links.
  fortios_system_vdom_link:
    vdom: "{{ vdom }}"
    state: "present"
    system_vdom_link:
      name: "default_name_3"
      type: "ppp"
      vcluster: "vcluster1"
```

## 5.321.6 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:

## 5.321.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.321.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.322 fortios\_system\_vdom\_netflow – Configure NetFlow per VDOM in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.322.1 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 v6.0.5

### 5.322.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.322.3 Parameters

### 5.322.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.322.5 Examples

```
- hosts: fortigates
collections:
  - 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 per VDOM.
  fortios_system_vdom_netflow:
    vdom: "{{ vdom }}"
    system_vdom_netflow:
      collector_ip: "<your_own_value>"
      collector_port: "4"
      source_ip: "84.230.14.43"
      vdom_netflow: "enable"
```

### 5.322.6 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:

### 5.322.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.322.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.323 fortios\_system\_vdom\_property – Configure VDOM property in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.323.1 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 v6.0.5

### 5.323.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.323.3 Parameters

### 5.323.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.323.5 Examples

```
- hosts: fortigates
collections:
  - 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 property.
  fortios_system_vdom_property:
```

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```
vdom: "{{ vdom }}"
state: "present"
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: "20"
  sslvpn: "<your_own_value>"
  user: "<your_own_value>"
  user_group: "<your_own_value>"
```

### 5.323.6 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:

### 5.323.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.323.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.324 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.324.1 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 v6.0.5

### 5.324.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.324.3 Parameters

### 5.324.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.324.5 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 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"
      system_vdom_radius_server:
        name: "default_name_3 (source system.vdom.name)"
        radius_server_vdom: "<your_own_value> (source system.vdom.name)"
        status: "enable"
```

### 5.324.6 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:

### 5.324.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.324.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.325 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 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.325.1 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 v6.0.5

### 5.325.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.325.3 Parameters

### 5.325.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.325.5 Examples

```
- hosts: fortigates
collections:
  - 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.
```

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**5.325. 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.**

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```
fortios_system_vdom_sflow:
  vdom: "{{ vdom }}"
  system_vdom_sflow:
    collector_ip: "<your_own_value>"
    collector_port: "4"
    source_ip: "84.230.14.43"
    vdom_sflow: "enable"
```

### 5.325.6 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:

### 5.325.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.325.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.326 fortios\_system\_virtual\_switch – Configure virtual hardware switch interfaces in Fortinet’s FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.326.1 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 v6.0.5

### 5.326.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.326.3 Parameters

### 5.326.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.326.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_virtual_switch:
      name: "default_name_3"
      physical_switch: "<your_own_value> (source system.physical-switch.name)"
      port:
        -
          alias: "<your_own_value>"
          name: "default_name_7"
          speed: "auto"
          status: "up"
      span: "disable"
```

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```
span_dest_port: "<your_own_value>"
span_direction: "rx"
span_source_port: "<your_own_value>"
```

### 5.326.6 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:

### 5.326.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.326.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.327 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 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.327.1 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 v6.0.5

### 5.327.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.327.3 Parameters

### 5.327.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.327.5 Examples

```
- hosts: fortigates
collections:
  - 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"
                failtime: "8"
                http_agent: "<your_own_value>"
                http_get: "<your_own_value>"
                http_match: "<your_own_value>"
                interval: "12"
                members:
                  -
```

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```

        seq_num: "14 (source system.virtual-wan-link.members.seq-num) "
        name: "default_name_15"
        packet_size: "16"
        password: "<your_own_value>"
        port: "18"
        protocol: "ping"
        recoverytime: "20"
        security_mode: "none"
        server: "192.168.100.40"
        sla:
        -
            id: "24"
            jitter_threshold: "25"
            latency_threshold: "26"
            link_cost_factor: "latency"
            packetloss_threshold: "28"
            threshold_alert_jitter: "29"
            threshold_alert_latency: "30"
            threshold_alert_packetloss: "31"
            threshold_warning_jitter: "32"
            threshold_warning_latency: "33"
            threshold_warning_packetloss: "34"
            update_cascade_interface: "enable"
            update_static_route: "enable"
        load_balance_mode: "source-ip-based"
        members:
        -
            comment: "Comments."
            gateway: "<your_own_value>"
            gateway6: "<your_own_value>"
            ingress_spillover_threshold: "42"
            interface: "<your_own_value> (source system.interface.name) "
            priority: "44"
            seq_num: "45"
            source: "<your_own_value>"
            source6: "<your_own_value>"
            spillover_threshold: "48"
            status: "disable"
            volume_ratio: "50"
            weight: "51"
        service:
        -
            addr_mode: "ipv4"
            bandwidth_weight: "54"
            default: "enable"
            dscp_forward: "enable"
            dscp_forward_tag: "<your_own_value>"
            dscp_reverse: "enable"
            dscp_reverse_tag: "<your_own_value>"
            dst:
            -
                name: "default_name_61 (source firewall.address.name firewall.addrgrp.
↪name) "
                dst_negate: "enable"
            dst6:
            -
                name: "default_name_64 (source firewall.address6.name firewall.
↪addrgrp6.name) "

```

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```

end_port: "65"
gateway: "enable"
groups:
-
    name: "default_name_68 (source user.group.name)"
    health_check: "<your_own_value> (source system.virtual-wan-link.health-
↪check.name) "
    hold_down_time: "70"
    id: "71"
    input_device:
    -
        name: "default_name_73 (source system.interface.name)"
    internet_service: "enable"
    internet_service_ctrl:
    -
        id: "76"
    internet_service_ctrl_group:
    -
        name: "default_name_78 (source application.group.name)"
    internet_service_custom:
    -
        name: "default_name_80 (source firewall.internet-service-custom.name)"
    internet_service_custom_group:
    -
        name: "default_name_82 (source firewall.internet-service-custom-group.
↪name) "
    internet_service_group:
    -
        name: "default_name_84 (source firewall.internet-service-group.name)"
    internet_service_id:
    -
        id: "86 (source firewall.internet-service.id)"
    jitter_weight: "87"
    latency_weight: "88"
    link_cost_factor: "latency"
    link_cost_threshold: "90"
    member: "91"
    mode: "auto"
    name: "default_name_93"
    packet_loss_weight: "94"
    priority_members:
    -
        seq_num: "96 (source system.virtual-wan-link.members.seq-num)"
    protocol: "97"
    quality_link: "98"
    route_tag: "99"
    sla:
    -
        health_check: "<your_own_value> (source system.virtual-wan-link.
↪health-check.name) "
        id: "102"
    src:
    -
        name: "default_name_104 (source firewall.address.name firewall.
↪addrgrp.name) "
        src_negate: "enable"
        src6:

```

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```
-
    name: "default_name_107 (source firewall.address6.name firewall.
↪addrgrp6.name) "
    start_port: "108"
    status: "enable"
    tos: "<your_own_value>"
    tos_mask: "<your_own_value>"
    users:
-
    name: "default_name_113 (source user.local.name) "
    status: "disable"
```

## 5.327.6 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:

## 5.327.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.327.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.328 fortios\_system\_virtual\_wire\_pair – Configure virtual wire pairs in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*



- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.328.1 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 v6.0.5

### 5.328.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.328.3 Parameters

### 5.328.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.328.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```

**5.328. fortios\_system\_virtual\_wire\_pair – Configure virtual wire pairs in Fortinet’s FortiOS and 685 FortiGate.**

## 5.328.6 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:

## 5.328.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.328.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.329 fortios\_system\_vmlicense – Update VM license using uploaded file. Reboots immediately if successful in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.329.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vmlicense category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

## 5.329.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.329.3 Parameters

## 5.329.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.329.5 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: no
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 80
  license_file: ./FGVMXXXXXX-VM00.lic
  license_file_content: "{{ lookup('file', license_file) }}"
  encoded_license: "{{ license_file_content | string | b64encode }}"
tasks:
  - name: Update VM license using uploaded file. Reboots immediately if successful.
    fortios_system_vmlicense:
      vdom: "{{ vdom }}"
      system_vmlicense:
        file_content: "{{ encoded_license }}"
```

## 5.329.6 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:

## 5.329.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.329.8 Authors

- Frank Shen (@frankshen01)
- Link Zheng (@chillancezen)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.330 fortios\_system\_vxlan – Configure VXLAN devices in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.330.1 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 v6.0.5

### 5.330.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.330.3 Parameters

### 5.330.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.330.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    system_vxlan:
      dstport: "3"
      interface: "<your_own_value> (source system.interface.name)"
      ip_version: "ipv4-unicast"
      multicast_ttl: "6"
      name: "default_name_7"
      remote_ip:
        -
          ip: "<your_own_value>"
      remote_ip6:
        -
          ip6: "<your_own_value>"
    vni: "12"
```

### 5.330.6 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:

### 5.330.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.330.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.331 fortios\_system\_wccp – Configure WCCP in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.331.1 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 v6.0.5

### 5.331.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.331.3 Parameters

### 5.331.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.331.5 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 WCCP.
  fortios_system_wccp:
    vdom: "{{ vdom }}"
    state: "present"
    system_wccp:
      assignment_bucket_format: "wccp-v2"
      assignment_dstaddr_mask: "<your_own_value>"
      assignment_method: "HASH"
      assignment_srcaddr_mask: "<your_own_value>"
      assignment_weight: "7"
      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: "17"
      protocol: "18"
      return_method: "GRE"
      router_id: "<your_own_value>"
      router_list: "<your_own_value>"
      server_list: "<your_own_value>"
      server_type: "forward"
      service_id: "<your_own_value>"
      service_type: "auto"

```

### 5.331.6 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:

### 5.331.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.331.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.332 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.332.1 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 v6.0.5

### 5.332.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.332.3 Parameters

### 5.332.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



### 5.332.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      vdom: "{{ vdom }}"
      state: "present"
      system_zone:
        interface:
          -
            interface_name: "<your_own_value> (source system.interface.name)"
            intrazone: "allow"
            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)"
```

### 5.332.6 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:

### 5.332.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.332.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

**5.332. 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.**

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.333 fortios\_user\_adgrp – Configure FSSO groups in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.333.1 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 v6.0.5

### 5.333.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.333.3 Parameters

### 5.333.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.333.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_adgrp:
      name: "default_name_3"
      server_name: "<your_own_value> (source user.fsso.name)"
```

### 5.333.6 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:

### 5.333.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.333.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.334 fortios\_user\_device – Configure devices in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.334.1 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 v6.0.5

### 5.334.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.334.3 Parameters

### 5.334.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.334.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
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>"

```

### 5.334.6 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:

### 5.334.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.334.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.335 fortios\_user\_device\_access\_list – Configure device access control lists in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.335.1 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 v6.0.5

### 5.335.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.335.3 Parameters

### 5.335.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.335.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
state: "present"
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"

```

### 5.335.6 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:

### 5.335.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.335.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.336 fortios\_user\_device\_category – Configure device categories in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.336.1 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 v6.0.5

### 5.336.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.336.3 Parameters

### 5.336.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.336.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_device_category:
      comment: "Comment."
      desc: "<your_own_value>"
      name: "default_name_5"
```



### 5.336.6 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:

### 5.336.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.336.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.337 fortios\_user\_device\_group – Configure device groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.337.1 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 v6.0.5

## 5.337.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.337.3 Parameters

## 5.337.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.337.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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)"
```

## 5.337.6 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:

### 5.337.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.337.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.338 fortios\_user\_domain\_controller – Configure domain controller entries in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.338.1 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 v6.0.5

### 5.338.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

---

**5.338. fortios\_user\_domain\_controller – Configure domain controller entries in Fortinet’s FortiOS and FortiGate.**

### 5.338.3 Parameters

### 5.338.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.338.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        user_domain_controller:
          domain_name: "<your_own_value>"
          ip_address: "<your_own_value>"
          ldap_server: "<your_own_value> (source user.ldap.name)"
          name: "default_name_6"
          port: "7"
```

### 5.338.6 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:

### 5.338.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.338.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.339 fortios\_user\_fortitoken – Configure FortiToken in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.339.1 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 v6.0.5

### 5.339.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.339.3 Parameters

### 5.339.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.339.5 Examples

```
- hosts: fortigates
collections:
  - 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.
  fortios_user_fortitoken:
    vdom: "{{ vdom }}"
    state: "present"
    user_fortitoken:
      activation_code: "<your_own_value>"
      activation_expire: "4"
      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"
```

## 5.339.6 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:

## 5.339.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.339.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.340 fortios\_user\_fsso – Configure Fortinet Single Sign On (FSSO) agents in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.340.1 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 v6.0.5

### 5.340.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.340.3 Parameters

### 5.340.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.340.5 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"
    user_fsso:
      ldap_server: "<your_own_value> (source user.ldap.name)"
      name: "default_name_4"
      password: "<your_own_value>"
      password2: "<your_own_value>"
      password3: "<your_own_value>"
      password4: "<your_own_value>"
      password5: "<your_own_value>"
      port: "10"
      port2: "11"
      port3: "12"
      port4: "13"
      port5: "14"
      server: "192.168.100.40"
      server2: "<your_own_value>"
      server3: "<your_own_value>"
      server4: "<your_own_value>"
      server5: "<your_own_value>"
      source_ip: "84.230.14.43"
      source_ip6: "<your_own_value>"
```

### 5.340.6 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:

### 5.340.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.340.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.341 fortios\_user\_fsso\_polling – Configure FSSO active directory servers for polling mode in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.341.1 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 v6.0.5

### 5.341.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.341.3 Parameters

### 5.341.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.341.5 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 FSSO active directory servers for polling mode.
  fortios_user_fsso_polling:
    vdom: "{{ vdom }}"
    state: "present"
    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: "11"
          server: "192.168.100.40"
          status: "enable"
          user: "<your_own_value>"
```

### 5.341.6 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:

### 5.341.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.341.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.342 fortios\_user\_group – Configure user groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.342.1 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 v6.0.5

### 5.342.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.342.3 Parameters

### 5.342.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.342.5 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 user groups.
  fortios_user_group:
    vdom: "{{ vdom }}"
    state: "present"
    user_group:
      auth_concurrent_override: "enable"
      auth_concurrent_value: "4"
      authtimeout: "5"
      company: "optional"
      email: "disable"
      expire: "8"
      expire_type: "immediately"
      group_type: "firewall"
      guest:
        -
          comment: "Comment."
          company: "<your_own_value>"
          email: "<your_own_value>"
          expiration: "<your_own_value>"
          mobile_phone: "<your_own_value>"
          name: "default_name_17"
          password: "<your_own_value>"
          sponsor: "<your_own_value>"
          user_id: "<your_own_value>"
      http_digest_realm: "<your_own_value>"
      id: "22"
      match:
        -
          group_name: "<your_own_value>"
          id: "25"
          server_name: "<your_own_value> (source user.radius.name user.ldap.name_
↪user.tacacs+.name) "
          max_accounts: "27"
          member:
            -
              name: "default_name_29 (source user.peer.name user.local.name user.radius.
↪name user.tacacs+.name user.ldap.name user.adgrp.name user.pop3.name) "
              mobile_phone: "disable"
              multiple_guest_add: "disable"
              name: "default_name_32"
              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"

```

### 5.342.6 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:

### 5.342.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.342.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.343 fortios\_user\_krb\_keytab – Configure Kerberos keytab entries in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.343.1 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 v6.0.5

### 5.343.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.343.3 Parameters

### 5.343.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.343.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        user_krb_keytab:
          keytab: "<your_own_value>"
          ldap_server: "<your_own_value> (source user.ldap.name)"
          name: "default_name_5"
          principal: "<your_own_value>"
```

### 5.343.6 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:

### 5.343.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.343.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.344 fortios\_user\_ldap – Configure LDAP server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.344.1 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 v6.0.5

### 5.344.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.344.3 Parameters

### 5.344.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.344.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_ldap:
      account_key_filter: "<your_own_value>"
      account_key_processing: "same"
      ca_cert: "<your_own_value> (source vpn.certificate.ca.name)"
      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>"
      member_attr: "<your_own_value>"
      name: "default_name_13"
      password: "<your_own_value>"
      password_expiry_warning: "enable"
      password_renewal: "enable"
      port: "17"
      secondary_server: "<your_own_value>"
      secure: "disable"
      server: "192.168.100.40"
      server_identity_check: "enable"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      tertiary_server: "<your_own_value>"
      type: "simple"
      username: "<your_own_value>"
```

## 5.344.6 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:

## 5.344.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.344.8 Authors

- Link Zheng (@chillancezen)



- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.345 fortios\_user\_local – Configure local users in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.345.1 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 v6.0.5

### 5.345.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.345.3 Parameters

### 5.345.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.345.5 Examples

```
- hosts: fortigates
collections:
  - 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 users.
  fortios_user_local:
    vdom: "{{ vdom }}"
    state: "present"
    user_local:
      auth_concurrent_override: "enable"
      auth_concurrent_value: "4"
      authtimeout: "5"
      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+_server: "<your_own_value> (source user.tacacs+.name)"
      two_factor: "disable"
      type: "password"
      workstation: "<your_own_value>"
```

## 5.345.6 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:

## 5.345.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.345.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.346 fortios\_user\_password\_policy – Configure user password policy in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.346.1 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 v6.0.5

### 5.346.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.346.3 Parameters

### 5.346.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.346.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        user_password_policy:
          expire_days: "3"
          name: "default_name_4"
          warn_days: "5"
```

### 5.346.6 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:

### 5.346.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.346.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.347 fortios\_user\_peer – Configure peer users in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.347.1 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 v6.0.5

### 5.347.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.347.3 Parameters

### 5.347.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.347.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
```

## 5.347.6 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:

## 5.347.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.347.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.348 fortios\_user\_peergrp – Configure peer groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.348.1 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 v6.0.5

### 5.348.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.348.3 Parameters

### 5.348.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.348.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_peergrp:
      member:
        -
          name: "default_name_4 (source user.peer.name)"
          name: "default_name_5"
```

## 5.348.6 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:

## 5.348.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.348.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.349 fortios\_user\_pop3 – POP3 server entry configuration in Fortinet's FortiOS and FortiGate.

New in version 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.349.1 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 v6.0.5

### 5.349.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.349.3 Parameters

### 5.349.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.349.5 Examples

```
- hosts: fortigates
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:
```

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```
vdom: "{{ vdom }}"
state: "present"
user_pop3:
  name: "default_name_3"
  port: "4"
  secure: "none"
  server: "192.168.100.40"
  ssl_min_proto_version: "default"
```

### 5.349.6 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:

### 5.349.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.349.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.350 fortios\_user\_quarantine – Configure quarantine support in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

### 5.350.1 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 v6.0.5

### 5.350.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.350.3 Parameters

### 5.350.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.350.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
          quarantine: "enable"
          targets:
            -
              description: "<your_own_value>"
              entry: "<your_own_value>"
              macs:
                -
                  description: "<your_own_value>"
                  entry_id: "9"
```

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```
mac: "<your_own_value>"
parent: "<your_own_value>"
```

### 5.350.6 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:

### 5.350.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.350.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.351 fortios\_user\_radius – Configure RADIUS server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.351.1 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 v6.0.5

### 5.351.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.351.3 Parameters

### 5.351.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.351.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_radius:
      accounting_server:
        -
          id: "4"
          port: "5"
          secret: "<your_own_value>"
          server: "192.168.100.40"
          source_ip: "84.230.14.43"
          status: "enable"
      acct_all_servers: "enable"
      acct_interim_interval: "11"
      all_usergroup: "disable"
      auth_type: "auto"
      class:
        -
```

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```
    name: "default_name_15"
h3c_compatibility: "enable"
name: "default_name_17"
nas_ip: "<your_own_value>"
password_encoding: "auto"
password_renewal: "enable"
radius_coa: "enable"
radius_port: "22"
rsso: "enable"
rsso_context_timeout: "24"
rsso_endpoint_attribute: "User-Name"
rsso_endpoint_block_attribute: "User-Name"
rsso_ep_one_ip_only: "enable"
rsso_flush_ip_session: "enable"
rsso_log_flags: "protocol-error"
rsso_log_period: "30"
rsso_radius_response: "enable"
rsso_radius_server_port: "32"
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"
tertiary_secret: "<your_own_value>"
tertiary_server: "<your_own_value>"
timeout: "45"
use_management_vdom: "enable"
username_case_sensitive: "enable"
```

## 5.351.6 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:

## 5.351.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.351.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.352 fortios\_user\_security\_exempt\_list – Configure security exemption list in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.352.1 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 v6.0.5

### 5.352.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.352.3 Parameters

### 5.352.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.352.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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)"
```

## 5.352.6 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:

## 5.352.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.352.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.353 fortios\_user\_setting – Configure user authentication setting in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.353.1 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 v6.0.5

### 5.353.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.353.3 Parameters

### 5.353.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.353.5 Examples

```
- hosts: fortigates
collections:
  - 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: "3"
      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: "7"
      auth_lockout_duration: "8"
      auth_lockout_threshold: "9"
      auth_portal_timeout: "10"
      auth_ports:
        -
          id: "12"
          port: "13"
          type: "http"
      auth_secure_http: "enable"
      auth_src_mac: "enable"
      auth_ssl_allow_renegotiation: "enable"
      auth_timeout: "18"
      auth_timeout_type: "idle-timeout"
      auth_type: "http"
      radius_ses_timeout_act: "hard-timeout"
```

### 5.353.6 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:

### 5.353.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.353.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.354 fortios\_user\_tacacsplus – Configure TACACS+ server entries in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.354.1 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 v6.0.5

### 5.354.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.354.3 Parameters

### 5.354.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.354.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    user_tacacsplus:
      authen_type: "mschap"
      authorization: "enable"
      key: "<your_own_value>"
      name: "default_name_6"
      port: "7"
      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>"
```

### 5.354.6 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:

### 5.354.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.354.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.355 fortios\_voip\_profile – Configure VoIP profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.355.1 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 v6.0.5

### 5.355.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.355.3 Parameters

### 5.355.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.355.5 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 VoIP profiles.
  fortios_voip_profile:
    vdom: "{{ vdom }}"
    state: "present"
    voip_profile:
      comment: "Comment."
      name: "default_name_4"
      sccp:
        block_mcast: "disable"
        log_call_summary: "disable"
        log_violations: "disable"
        max_calls: "9"
        status: "disable"
        verify_header: "disable"
      sip:
        ack_rate: "13"
        block_ack: "disable"
        block_bye: "disable"
        block_cancel: "disable"
        block_geo_red_options: "disable"
        block_info: "disable"
        block_invite: "disable"
        block_long_lines: "disable"
        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: "31"
        call_keepalive: "32"
        cancel_rate: "33"
        contact_fixup: "disable"
        hnt_restrict_source_ip: "disable"
        hosted_nat_traversal: "disable"
        info_rate: "37"
        invite_rate: "38"
        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"

```

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```

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: "71"
max_dialogs: "72"
max_idle_dialogs: "73"
max_line_length: "74"
message_rate: "75"
nat_trace: "disable"
no_sdp_fixup: "disable"
notify_rate: "78"
open_contact_pinhole: "disable"
open_record_route_pinhole: "disable"
open_register_pinhole: "disable"
open_via_pinhole: "disable"
options_rate: "83"
prack_rate: "84"
preserve_override: "disable"
provisional_invite_expiry_time: "86"
publish_rate: "87"
refer_rate: "88"
register_contact_trace: "disable"
register_rate: "90"
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) "

```

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```
status: "disable"
strict_register: "disable"
subscribe_rate: "106"
unknown_header: "discard"
update_rate: "108"
```

### 5.355.6 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:

### 5.355.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.355.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.356 fortios\_vpn\_certificate\_ca – CA certificate in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 5.356.1 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 v6.0.5

### 5.356.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.356.3 Parameters

### 5.356.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.356.5 Examples

```
- hosts: fortigates
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"
    vpn_certificate_ca:
      auto_update_days: "3"
      auto_update_days_warning: "4"
      ca: "<your_own_value>"
      last_updated: "6"
      name: "default_name_7"
      range: "global"
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      trusted: "enable"
```

## 5.356.6 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:

## 5.356.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.356.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.357 fortios\_vpn\_certificate\_crl – Certificate Revocation List as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.357.1 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 crl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.0.5

## 5.357.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.357.3 Parameters

## 5.357.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.357.5 Examples

```
- hosts: fortigates
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"
    vpn_certificate_crl:
      crl: "<your_own_value>"
      http_url: "<your_own_value>"
      last_updated: "5"
      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 vpn.certificate.local.name) "
      scep_url: "<your_own_value>"
      source: "factory"
      source_ip: "84.230.14.43"
      update_interval: "15"
      update_vdom: "<your_own_value> (source system.vdom.name) "
```

## 5.357.6 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:

### 5.357.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.357.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
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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.

---

## 5.358 fortios\_vpn\_certificate\_local – Local keys and certificates in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.358.1 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 v6.0.5

### 5.358.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.358.3 Parameters

### 5.358.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.358.5 Examples

```
- hosts: fortigates
  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 }}"
        state: "present"
        vpn_certificate_local:
          auto_regenerate_days: "3"
          auto_regenerate_days_warning: "4"
          ca_identifier: "myId_5"
          certificate: "<your_own_value>"
          cmp_path: "<your_own_value>"
          cmp_regeneration_method: "keyupdate"
          cmp_server: "<your_own_value>"
          cmp_server_cert: "<your_own_value> (source vpn.certificate.ca.name)"
          comments: "<your_own_value>"
          csr: "<your_own_value>"
          enroll_protocol: "none"
          ike_localid: "<your_own_value>"
          ike_localid_type: "asn1dn"
          last_updated: "16"
          name: "default_name_17"
          name_encoding: "printable"
          password: "<your_own_value>"
          private_key: "<your_own_value>"
          range: "global"
          scep_password: "<your_own_value>"
          scep_url: "<your_own_value>"
          source: "factory"
          source_ip: "84.230.14.43"
          state: "<your_own_value>"
```

## 5.358.6 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:

## 5.358.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.358.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.359 fortios\_vpn\_certificate\_ocsp\_server – OCSP server configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.359.1 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 v6.0.5

## 5.359.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.359.3 Parameters

## 5.359.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.359.5 Examples

```
- hosts: fortigates
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"
    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"
```

## 5.359.6 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:

## 5.359.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.359.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.360 fortios\_vpn\_certificate\_remote – Remote certificate as a PEM file in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.360.1 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 v6.0.5

### 5.360.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0



### 5.360.3 Parameters

### 5.360.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.360.5 Examples

```
- hosts: fortigates
  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"
        vpn_certificate_remote:
          name: "default_name_3"
          range: "global"
          remote: "<your_own_value>"
          source: "factory"
```

### 5.360.6 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:

### 5.360.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.360.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.361 fortios\_vpn\_certificate\_setting – VPN certificate setting in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.361.1 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 v6.0.5

### 5.361.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.361.3 Parameters

### 5.361.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.361.5 Examples

```
- hosts: fortigates
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:
      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_rsa1024: "<your_own_value> (source vpn.certificate.local.name) "
      certname_rsa2048: "<your_own_value> (source vpn.certificate.local.name) "
      check_ca_cert: "enable"
      check_ca_chain: "enable"
      cmp_save_extra_certs: "enable"
      cn_match: "substring"
      ocsp_default_server: "<your_own_value> (source vpn.certificate.ocsp-server.
↪name) "
      ocsp_status: "enable"
      ssl_min_proto_version: "default"
      ssl_ocsp_option: "certificate"
      ssl_ocsp_status: "enable"
      strict_crl_check: "enable"
      strict_ocsp_check: "enable"
      subject_match: "substring"
```

## 5.361.6 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:

## 5.361.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.361.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.362 fortios\_vpn\_ipsec\_concentrator – Concentrator configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.362.1 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 v6.0.5

### 5.362.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.362.3 Parameters

### 5.362.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.362.5 Examples

```
- hosts: fortigates
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"
    vpn_ipsec_concentrator:
      member:
        -
          name: "default_name_4 (source vpn.ipsec.manualkey.name vpn.ipsec.phasel.
↪name) "
          name: "default_name_5"
          src_check: "disable"
```

### 5.362.6 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:

### 5.362.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.362.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.363 fortios\_vpn\_ipsec\_forticlient – Configure FortiClient policy realm in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.363.1 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 v6.0.5

### 5.363.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.363.3 Parameters

### 5.363.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.363.5 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 FortiClient policy realm.
  fortios_vpn_ipsec_forticlient:
    vdom: "{{ vdom }}"
    state: "present"
    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) "

```

### 5.363.6 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:

### 5.363.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.363.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.364 fortios\_vpn\_ipsec\_manualkey – Configure IPsec manual keys in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.364.1 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 v6.0.5

### 5.364.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.364.3 Parameters

### 5.364.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.364.5 Examples

```
- hosts: fortigates
collections:
  - 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:
    vdom: "{{ vdom }}"
    state: "present"
    vpn_ipsec_manualkey:
      authentication: "null"
      authkey: "<your_own_value>"
```

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```

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"
remote_gw: "<your_own_value>"
remotespi: "<your_own_value>"

```

### 5.364.6 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:

### 5.364.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.364.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.365 fortios\_vpn\_ipsec\_manualkey\_interface – Configure IPsec manual keys in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*

- *Status*
- *Authors*

## 5.365.1 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 v6.0.5

## 5.365.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.365.3 Parameters

## 5.365.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.365.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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>"
```

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```

local_spi: "<your_own_value>"
name: "default_name_13"
remote_gw: "<your_own_value>"
remote_gw6: "<your_own_value>"
remote_spi: "<your_own_value>"

```

### 5.365.6 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:

### 5.365.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.365.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.366 fortios\_vpn\_ipsec\_phase1 – Configure VPN remote gateway in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.366.1 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 v6.0.5

### 5.366.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.366.3 Parameters

### 5.366.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.366.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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>"
```

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```

    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>"
    dhgrp: "1"
    digital_signature_auth: "enable"
    distance: "26"
    dns_mode: "manual"
    domain: "<your_own_value>"
    dpd: "disable"
    dpd_retrycount: "30"
    dpd_retryinterval: "<your_own_value>"
    eap: "enable"
    eap_identity: "use-id-payload"
    enforce_unique_id: "disable"
    forticlient_enforcement: "enable"
    fragmentation: "enable"
    fragmentation_mtu: "37"
    group_authentication: "enable"
    group_authentication_secret: "<your_own_value>"
    ha_sync_esp_seqno: "enable"
    idle_timeout: "enable"
    idle_timeoutinterval: "42"
    ike_version: "1"
    include_local_lan: "disable"
    interface: "<your_own_value> (source system.interface.name)"
    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: "52"
        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>"

```

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```

        id: "67"
        start_ip: "<your_own_value>"
        ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
        ipv6_prefix: "70"
        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: "74"
        keylife: "75"
        local_gw: "<your_own_value>"
        localid: "<your_own_value>"
        localid_type: "auto"
        mesh_selector_type: "disable"
        mode: "aggressive"
        mode_cfg: "disable"
        name: "default_name_82"
        nattraversal: "enable"
        negotiate_timeout: "84"
        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: "92"
        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"
        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"
        usrgrp: "<your_own_value> (source user.group.name) "
        wizard_type: "custom"
        xauthtype: "disable"

```

### 5.366.6 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:

### 5.366.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.366.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.367 fortios\_vpn\_ipsec\_phase1\_interface – Configure VPN remote gateway in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.367.1 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 v6.0.5

### 5.367.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.367.3 Parameters

### 5.367.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.367.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        vpn_ipsec_phase1_interface:
          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_discovery_forwarder: "enable"
          auto_discovery_psk: "enable"
          auto_discovery_receiver: "enable"
          auto_discovery_sender: "enable"
          auto_negotiate: "enable"
          backup_gateway:
            -
              address: "<your_own_value>"
            banner: "<your_own_value>"
            cert_id_validation: "enable"
            certificate:
              -
                name: "default_name_23 (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: "29"
```

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```

dhgrp: "1"
digital_signature_auth: "enable"
distance: "32"
dns_mode: "manual"
domain: "<your_own_value>"
dpd: "disable"
dpd_retrycount: "36"
dpd_retryinterval: "<your_own_value>"
eap: "enable"
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"
exchange_interface_ip: "enable"
exchange_ip_addr4: "<your_own_value>"
exchange_ip_addr6: "<your_own_value>"
forticlient_enforcement: "enable"
fragmentation: "enable"
fragmentation_mtu: "52"
group_authentication: "enable"
group_authentication_secret: "<your_own_value>"
ha_sync_esp_seqno: "enable"
idle_timeout: "enable"
idle_timeoutinterval: "57"
ike_version: "1"
include_local_lan: "disable"
interface: "<your_own_value> (source system.interface.name)"
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: "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:
-

```

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```

        end_ip: "<your_own_value>"
        id: "83"
        start_ip: "<your_own_value>"
        ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name) "
        ipv6_prefix: "86"
        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: "90"
        keylife: "91"
        local_gw: "<your_own_value>"
        local_gw6: "<your_own_value>"
        localid: "<your_own_value>"
        localid_type: "auto"
        mesh_selector_type: "disable"
        mode: "aggressive"
        mode_cfg: "disable"
        monitor: "<your_own_value> (source vpn.ipsec.phase1-interface.name) "
        monitor_hold_down_delay: "100"
        monitor_hold_down_time: "<your_own_value>"
        monitor_hold_down_type: "immediate"
        monitor_hold_down_weekday: "everyday"
        name: "default_name_104"
        nattraversal: "enable"
        negotiate_timeout: "106"
        net_device: "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: "116"
        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"
        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) "

```

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```
vni: "135"
wizard_type: "custom"
xauthtype: "disable"
```

### 5.367.6 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:

### 5.367.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.367.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.368 fortios\_vpn\_ipsec\_phase2 – Configure VPN autokey tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.368.1 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 v6.0.5

### 5.368.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.368.3 Parameters

### 5.368.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.368.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    vpn_ipsec_phase2:
      add_route: "phase1"
      auto_negotiate: "enable"
      comments: "<your_own_value>"
      dhcp_ipsec: "enable"
      dhgrp: "1"
      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: "13"
      dst_start_ip: "<your_own_value>"
```

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```

    dst_start_ip6: "<your_own_value>"
    dst_subnet: "<your_own_value>"
    dst_subnet6: "<your_own_value>"
    encapsulation: "tunnel-mode"
    keepalive: "enable"
    keylife_type: "seconds"
    keylifekbs: "21"
    keylifeseconds: "22"
    l2tp: "enable"
    name: "default_name_24"
    pfs: "enable"
    phase1name: "<your_own_value> (source vpn.ipsec.phase1.name)"
    proposal: "null-md5"
    protocol: "28"
    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: "38"
    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"

```

### 5.368.6 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:

### 5.368.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.368.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.369 fortios\_vpn\_ipsec\_phase2\_interface – Configure VPN autokey tunnel in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.369.1 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 v6.0.5

### 5.369.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.369.3 Parameters

### 5.369.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.369.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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"
      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: "15"
      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"
      keepalive: "enable"
      keylife_type: "seconds"
      keylifekbs: "23"
      keylifeseconds: "24"
      l2tp: "enable"
      name: "default_name_26"
      pfs: "enable"
      phase1name: "<your_own_value> (source vpn.ipsec.phase1-interface.name) "
      proposal: "null-md5"
      protocol: "30"
      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) "
```

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```
src_port: "39"
src_start_ip: "<your_own_value>"
src_start_ip6: "<your_own_value>"
src_subnet: "<your_own_value>"
src_subnet6: "<your_own_value>"
```

### 5.369.6 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:

### 5.369.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.369.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.370 fortios\_vpn\_l2tp – Configure L2TP in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 5.370.1 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 v6.0.5

### 5.370.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.370.3 Parameters

### 5.370.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.370.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      eip: "<your_own_value>"
      enforce_ipsec: "enable"
      sip: "<your_own_value>"
      status: "enable"
      usrgrp: "<your_own_value> (source user.group.name) "
```

### 5.370.6 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:

### 5.370.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.370.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.371 fortios\_vpn\_ocvpn – Configure Overlay Controller VPN settings in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.371.1 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 v6.0.5

### 5.371.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.371.3 Parameters

### 5.371.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.371.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
          ha_alias: "<your_own_value>"
          poll_interval: "4"
          status: "enable"
          subnets:
            -
              id: "7"
              interface: "<your_own_value> (source system.interface.name)"
              subnet: "<your_own_value>"
              type: "subnet"
```

### 5.371.6 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:

### 5.371.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.371.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.372 fortios\_vpn\_pptp – Configure PPTP in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.372.1 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 v6.0.5

### 5.372.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.372.3 Parameters

### 5.372.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.372.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
    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) "
```

## 5.372.6 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:

## 5.372.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.372.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.373 fortios\_vpn\_ssl\_settings – Configure SSL VPN in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.373.1 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 v6.0.5

### 5.373.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.373.3 Parameters

### 5.373.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.373.5 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 SSL VPN.
  fortios_vpn_ssl_settings:
    vdom: "{{ vdom }}"
    vpn_ssl_settings:
      algorithm: "high"
      auth_timeout: "4"
      authentication_rule:
        -
          auth: "any"
          cipher: "any"
          client_cert: "enable"
          groups:
            -
              name: "default_name_10 (source user.group.name)"
              id: "11"
              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_15 (source firewall.address.name firewall.addrgrp.
↪name)"
                  source_address_negate: "enable"
                  source_address6:
                    -
                      name: "default_name_18 (source firewall.address6.name firewall.
↪addrgrp6.name)"
                      source_address6_negate: "enable"
                      source_interface:
                        -
                          name: "default_name_21 (source system.interface.name system.zone.name)
↪"
                      users:
                        -
                          name: "default_name_23 (source user.local.name)"
                          auto_tunnel_static_route: "enable"
                          banned_cipher: "RSA"
                          check_referer: "enable"
                          default_portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
                          deflate_compression_level: "28"
                          deflate_min_data_size: "29"
                          dns_server1: "<your_own_value>"
                          dns_server2: "<your_own_value>"
                          dns_suffix: "<your_own_value>"
                          dtls_hello_timeout: "33"
                          dtls_tunnel: "enable"
                          force_two_factor_auth: "enable"
                          header_x_forwarded_for: "pass"
                          http_compression: "enable"
                          http_only_cookie: "enable"
                          http_request_body_timeout: "39"
                          http_request_header_timeout: "40"
                          https_redirect: "enable"
                          idle_timeout: "42"

```

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```

    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: "47"
    login_block_time: "48"
    login_timeout: "49"
    port: "50"
    port_precedence: "enable"
    reqclientcert: "enable"
    route_source_interface: "enable"
    servercert: "<your_own_value> (source vpn.certificate.local.name)"
    source_address:
    -
      name: "default_name_56 (source firewall.address.name firewall.addrgrp.
↪name) "
      source_address_negate: "enable"
      source_address6:
    -
      name: "default_name_59 (source firewall.address6.name firewall.addrgrp6.
↪name) "
      source_address6_negate: "enable"
      source_interface:
    -
      name: "default_name_62 (source system.interface.name system.zone.name)"
      ssl_client_renegotiation: "disable"
      ssl_insert_empty_fragment: "enable"
      tlsv1_0: "enable"
      tlsv1_1: "enable"
      tlsv1_2: "enable"
      tunnel_ip_pools:
    -
      name: "default_name_69 (source firewall.address.name firewall.addrgrp.
↪name) "
      tunnel_ipv6_pools:
    -
      name: "default_name_71 (source firewall.address6.name firewall.addrgrp6.
↪name) "
      unsafe_legacy_renegotiation: "enable"
      url_obscuration: "enable"
      wins_server1: "<your_own_value>"
      wins_server2: "<your_own_value>"
      x_content_type_options: "enable"

```

### 5.373.6 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:

### 5.373.7 Status

- This module is not guaranteed to have a backwards compatible interface.



### 5.373.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.374 fortios\_vpn\_ssl\_web\_host\_check\_software – SSL-VPN host check software in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.374.1 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 v6.0.5

### 5.374.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.374.3 Parameters

### 5.374.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.374.5 Examples

```
- hosts: fortigates
  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-VPN host check software.
      fortios_vpn_ssl_web_host_check_software:
        vdom: "{{ vdom }}"
        state: "present"
        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>"
```

### 5.374.6 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:

### 5.374.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.374.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.375 fortios\_vpn\_ssl\_web\_portal – Portal in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.375.1 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 v6.0.5

### 5.375.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.375.3 Parameters

### 5.375.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.375.5 Examples

```
- hosts: fortigates
  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"
        vpn_ssl_web_portal:
          allow_user_access: "web"
          auto_connect: "enable"
          bookmark_group:
            -
              bookmarks:
                -
                  additional_params: "<your_own_value>"
                  apptype: "citrix"
                  description: "<your_own_value>"
                  folder: "<your_own_value>"
                  form_data:
                    -
                      name: "default_name_12"
                      value: "<your_own_value>"
                  host: "<your_own_value>"
                  listening_port: "15"
                  load_balancing_info: "<your_own_value>"
                  logon_password: "<your_own_value>"
                  logon_user: "<your_own_value>"
                  name: "default_name_19"
                  port: "20"
                  preconnection_blob: "<your_own_value>"
                  preconnection_id: "22"
                  remote_port: "23"
                  security: "rdp"
                  server_layout: "de-de-qwertz"
                  show_status_window: "enable"
                  sso: "disable"
                  sso_credential: "sslvpn-login"
```

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```

        sso_credential_sent_once: "enable"
        sso_password: "<your_own_value>"
        sso_username: "<your_own_value>"
        url: "myurl.com"
        name: "default_name_33"
        custom_lang: "<your_own_value> (source system.custom-language.name)"
        customize_forticlient_download_url: "enable"
        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: "49"
        host_check_policy:
        -
            name: "default_name_51 (source vpn.ssl.web.host-check-software.name)"
        ip_mode: "range"
        ip_pools:
        -
            name: "default_name_54 (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_59 (source firewall.address6.name firewall.addrgrp6.
↪name) "
                ipv6_service_restriction: "enable"
                ipv6_split_tunneling: "enable"
                ipv6_split_tunneling_routing_address:
                -
                    name: "default_name_63 (source firewall.address6.name firewall.addrgrp6.
↪name) "
                    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: "74"
                            name: "default_name_75"
                    macos_forticlient_download_url: "<your_own_value>"

```

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```

name: "default_name_77"
os_check: "enable"
os_check_list:
-
    action: "deny"
    latest_patch_level: "<your_own_value>"
    name: "default_name_82"
    tolerance: "83"
redir_url: "<your_own_value>"
save_password: "enable"
service_restriction: "enable"
skip_check_for_unsupported_browser: "enable"
skip_check_for_unsupported_os: "enable"
smb_ntlmv1_auth: "enable"
smbv1: "enable"
split_dns:
-
    dns_server1: "<your_own_value>"
    dns_server2: "<your_own_value>"
    domains: "<your_own_value>"
    id: "95"
    ipv6_dns_server1: "<your_own_value>"
    ipv6_dns_server2: "<your_own_value>"
split_tunneling: "enable"
split_tunneling_routing_address:
-
    name: "default_name_100 (source firewall.address.name firewall.addrgrp.
↪name) "
theme: "blue"
tunnel_mode: "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>"

```

## 5.375.6 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:

## 5.375.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.375.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.376 fortios\_vpn\_ssl\_web\_realm – Realm in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.376.1 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 v6.0.5

### 5.376.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.376.3 Parameters

### 5.376.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.376.5 Examples

```
- hosts: fortigates
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"
    vpn_ssl_web_realm:
      login_page: "<your_own_value>"
      max_concurrent_user: "4"
      url_path: "<your_own_value>"
      virtual_host: "<your_own_value>"
```

## 5.376.6 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:

## 5.376.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.376.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.377 fortios\_vpn\_ssl\_web\_user\_bookmark – Configure SSL VPN user bookmark in Fortinet’s FortiOS and FortiGate.

New in version 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.377.1 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 v6.0.5

### 5.377.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.377.3 Parameters

### 5.377.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.377.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom: "{{ vdom }}"
state: "present"
vpn_ssl_web_user_bookmark:
  bookmarks:
    -
      additional_params: "<your_own_value>"
      apptype: "citrix"
      description: "<your_own_value>"
      folder: "<your_own_value>"
      form_data:
        -
          name: "default_name_9"
          value: "<your_own_value>"
      host: "<your_own_value>"
      listening_port: "12"
      load_balancing_info: "<your_own_value>"
      logon_password: "<your_own_value>"
      logon_user: "<your_own_value>"
      name: "default_name_16"
      port: "17"
      preconnection_blob: "<your_own_value>"
      preconnection_id: "19"
      remote_port: "20"
      security: "rdp"
      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"
      custom_lang: "<your_own_value> (source system.custom-language.name)"
      name: "default_name_31"

```

## 5.377.6 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:

## 5.377.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.377.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.378 fortios\_vpn\_ssl\_web\_user\_group\_bookmark – Configure SSL VPN user group bookmark in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.378.1 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 v6.0.5

### 5.378.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.378.3 Parameters

### 5.378.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.378.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    vpn_ssl_web_user_group_bookmark:
      bookmarks:
        -
          additional_params: "<your_own_value>"
          apptype: "citrix"
          description: "<your_own_value>"
          folder: "<your_own_value>"
          form_data:
            -
              name: "default_name_9"
              value: "<your_own_value>"
          host: "<your_own_value>"
          listening_port: "12"
          load_balancing_info: "<your_own_value>"
          logon_password: "<your_own_value>"
          logon_user: "<your_own_value>"
          name: "default_name_16"
          port: "17"
          preconnection_blob: "<your_own_value>"
          preconnection_id: "19"
          remote_port: "20"
          security: "rdp"
          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"
          name: "default_name_30 (source user.group.name) "
```

## 5.378.6 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:

### 5.378.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.378.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.379 fortios\_waf\_main\_class – Hidden table for datasource in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.379.1 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 v6.0.5

### 5.379.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.379.3 Parameters

### 5.379.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.379.5 Examples

```
- hosts: fortigates
  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"
        waf_main_class:
          id: "3"
          name: "default_name_4"
```

### 5.379.6 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:

### 5.379.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.379.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.380 fortios\_waf\_profile – Web application firewall configuration in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.380.1 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 v6.0.5

### 5.380.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.380.3 Parameters

### 5.380.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.380.5 Examples

```

- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
    - name: Web application firewall configuration.
      fortios_waf_profile:
        vdom: "{{ vdom }}"
        state: "present"
        waf_profile:
          address_list:
            blocked_address:
              -
                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: "15"
                    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"

```

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```
header_length:
  action: "allow"
  length: "39"
  log: "enable"
  severity: "high"
  status: "enable"
hostname:
  action: "allow"
  log: "enable"
  severity: "high"
  status: "enable"
line_length:
  action: "allow"
  length: "50"
  log: "enable"
  severity: "high"
  status: "enable"
malformed:
  action: "allow"
  log: "enable"
  severity: "high"
  status: "enable"
max_cookie:
  action: "allow"
  log: "enable"
  max_cookie: "62"
  severity: "high"
  status: "enable"
max_header_line:
  action: "allow"
  log: "enable"
  max_header_line: "68"
  severity: "high"
  status: "enable"
max_range_segment:
  action: "allow"
  log: "enable"
  max_range_segment: "74"
  severity: "high"
  status: "enable"
max_url_param:
  action: "allow"
  log: "enable"
  max_url_param: "80"
  severity: "high"
  status: "enable"
method:
  action: "allow"
  log: "enable"
  severity: "high"
  status: "enable"
param_length:
  action: "allow"
  length: "90"
  log: "enable"
  severity: "high"
  status: "enable"
```

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```

url_param_length:
  action: "allow"
  length: "96"
  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) "
      allowed_methods: "get"
      id: "113"
      pattern: "<your_own_value>"
      regex: "enable"
      severity: "high"
      status: "enable"
name: "default_name_118"
signature:
  credit_card_detection_threshold: "120"
  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:
      -

```

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```

        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"

```

### 5.380.6 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:

### 5.380.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.380.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.381 fortios\_waf\_signature – Hidden table for datasource in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*

- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.381.1 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 v6.0.5

### 5.381.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.381.3 Parameters

### 5.381.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.381.5 Examples

```
- hosts: fortigates
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"
  waf_signature:
    desc: "<your_own_value>"
    id: "4"
```

### 5.381.6 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:

### 5.381.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.381.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.382 fortios\_waf\_sub\_class – Hidden table for datasource in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.382.1 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 v6.0.5

## 5.382.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.382.3 Parameters

## 5.382.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.382.5 Examples

```
- hosts: fortigates
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"
    waf_sub_class:
      id: "3"
      name: "default_name_4"
```

## 5.382.6 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:

## 5.382.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.382.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.383 fortios\_wanopt\_auth\_group – Configure WAN optimization authentication groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.383.1 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 v6.0.5

### 5.383.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.383.3 Parameters

### 5.383.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.383.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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> "
```

### 5.383.6 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:

### 5.383.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.383.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---



## 5.384 fortios\_wanopt\_cache\_service – Designate cache-service for wan-optimization and webcache in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.384.1 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 v6.0.5

### 5.384.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.384.3 Parameters

### 5.384.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.384.5 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: 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: "7"
          device_id: "<your_own_value>"
          encode_type: "9"
          ip: "<your_own_value>"
          priority: "11"
      prefer_scenario: "balance"
      src_peer:
        -
          auth_type: "14"
          device_id: "<your_own_value>"
          encode_type: "16"
          ip: "<your_own_value>"
          priority: "18"
```

## 5.384.6 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:

## 5.384.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.384.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.385 fortios\_wanopt\_content\_delivery\_network\_rule – Configure WAN optimization content delivery network rules in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.385.1 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 v6.0.5

### 5.385.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.385.3 Parameters

### 5.385.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.385.5 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 WAN optimization content delivery network rules.
  fortios_wanopt_content_delivery_network_rule:
    vdom: "{{ vdom }}"
    state: "present"
    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"
            end_skip: "14"
            end_str: "<your_own_value>"
            range_str: "<your_own_value>"
            start_direction: "forward"
            start_skip: "18"
            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"

```

### 5.385.6 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:

### 5.385.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.385.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.386 fortios\_wanopt\_peer – Configure WAN optimization peers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.386.1 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 v6.0.5

### 5.386.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.386.3 Parameters

### 5.386.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.386.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wanopt_peer:
          ip: "<your_own_value>"
          peer_host_id: "myhostname"
```

### 5.386.6 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:

### 5.386.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.386.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.387 fortios\_wanopt\_profile – Configure WAN optimization profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.387.1 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 v6.0.5

### 5.387.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.387.3 Parameters

### 5.387.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.387.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wanopt_profile:
      auth_group: "<your_own_value> (source wanopt.auth-group.name)"
      cifs:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "7"
        prefer_chunking: "dynamic"
        secure_tunnel: "enable"
        status: "enable"
        tunnel_sharing: "private"
      comments: "<your_own_value>"
      ftp:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "16"
        prefer_chunking: "dynamic"
        secure_tunnel: "enable"
        status: "enable"
        tunnel_sharing: "private"
      http:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "24"
        prefer_chunking: "dynamic"
        secure_tunnel: "enable"
        ssl: "enable"
        ssl_port: "28"
        status: "enable"
        tunnel_non_http: "enable"
        tunnel_sharing: "private"
        unknown_http_version: "reject"
      mapi:
        byte_caching: "enable"
        log_traffic: "enable"
        port: "36"
        secure_tunnel: "enable"
        status: "enable"
        tunnel_sharing: "private"
    name: "default_name_40"
    tcp:
      byte_caching: "enable"
```

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```

byte_caching_opt: "mem-only"
log_traffic: "enable"
port: "<your_own_value>"
secure_tunnel: "enable"
ssl: "enable"
ssl_port: "48"
status: "enable"
tunnel_sharing: "private"
transparent: "enable"

```

### 5.387.6 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:

### 5.387.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.387.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.388 fortios\_wanopt\_remote\_storage – Configure a remote cache device as Web cache storage in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.388.1 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 v6.0.5

## 5.388.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.388.3 Parameters

## 5.388.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.388.5 Examples

```
- hosts: fortigates
collections:
  - 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 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"
```

## 5.388.6 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:

## 5.388.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.388.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

# 5.389 fortios\_wanopt\_settings – Configure WAN optimization settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.389.1 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 v6.0.5

---

**5.389. fortios\_wanopt\_settings – Configure WAN optimization settings in Fortinet’s FortiOS and FortiGate.**

## 5.389.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.389.3 Parameters

## 5.389.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.389.5 Examples

```
- hosts: fortigates
collections:
  - 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 settings.
  fortios_wanopt_settings:
    vdom: "{{ vdom }}"
    wanopt_settings:
      auto_detect_algorithm: "simple"
      host_id: "myhostname"
      tunnel_ssl_algorithm: "high"
```

## 5.389.6 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:

## 5.389.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.389.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.390 fortios\_wanopt\_webcache – Configure global Web cache settings in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.390.1 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 v6.0.5

### 5.390.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.390.3 Parameters

### 5.390.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.390.5 Examples

```
- hosts: fortigates
collections:
  - 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 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: "7"
      external: "enable"
      fresh_factor: "9"
      host_validate: "enable"
      ignore_conditional: "enable"
      ignore_ie_reload: "enable"
      ignore_ims: "enable"
      ignore_pnc: "enable"
      max_object_size: "15"
      max_ttl: "16"
      min_ttl: "17"
      neg_resp_time: "18"
      reval_pnc: "enable"
```

## 5.390.6 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:

## 5.390.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.390.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.391 fortios\_web\_proxy\_debug\_url – Configure debug URL addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.391.1 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 v6.0.5

### 5.391.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.391.3 Parameters

### 5.391.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.391.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    web_proxy_debug_url:
      exact: "enable"
      name: "default_name_4"
      status: "enable"
      url_pattern: "<your_own_value>"
```

### 5.391.6 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:

### 5.391.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.391.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.392 fortios\_web\_proxy\_explicit – Configure explicit Web proxy settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.392.1 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 v6.0.5

### 5.392.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.392.3 Parameters

### 5.392.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.392.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

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_url: "<your_own_value>"
  pac_policy:
    -
      comments: "<your_own_value>"
      dstaddr:
        -
          name: "default_name_22 (source firewall.address.name firewall.addrgrp.
↪name) "
          pac_file_data: "<your_own_value>"
          pac_file_name: "<your_own_value>"
          policyid: "25"
          srcaddr:
            -
              name: "default_name_27 (source firewall.address.name firewall.addrgrp.
↪name firewall.proxy-address.name firewall.proxy-addrgrp.name) "
              srcaddr6:
                -
                  name: "default_name_29 (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>"
                  ssl_algorithm: "high"
                  status: "enable"
                  strict_guest: "enable"
                  trace_auth_no_rsp: "enable"
                  unknown_http_version: "reject"

```

## 5.392.6 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:

### 5.392.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.392.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.393 fortios\_web\_proxy\_forward\_server – Configure forward-server addresses in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.393.1 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 v6.0.5

### 5.393.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.393.3 Parameters

### 5.393.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.393.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        web_proxy_forward_server:
          addr_type: "ip"
          comment: "Comment."
          fqdn: "<your_own_value>"
          healthcheck: "disable"
          ip: "<your_own_value>"
          monitor: "<your_own_value>"
          name: "default_name_9"
          port: "10"
          server_down_option: "block"
```

### 5.393.6 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:

### 5.393.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.393.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.394 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.394.1 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 v6.0.5

### 5.394.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.394.3 Parameters

### 5.394.4 Notes

---

**Note:**

---

**5.394. 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.**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.394.5 Examples

```
- hosts: fortigates
collections:
  - 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 forward server group consisting of multiple forward servers.
    ↪ Supports failover and load balancing.
    fortios_web_proxy_forward_server_group:
      vdom: "{{ vdom }}"
      state: "present"
      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: "9"
```

### 5.394.6 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:

### 5.394.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.394.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.395 fortios\_web\_proxy\_global – Configure Web proxy global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.395.1 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 v6.0.5

### 5.395.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.395.3 Parameters

### 5.395.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.395.5 Examples

```
- hosts: fortigates
collections:
  - 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: "5"
      learn_client_ip: "enable"
      learn_client_ip_from_header: "true-client-ip"
      learn_client_ip_srcaddr:
        -
          name: "default_name_9 (source firewall.address.name firewall.addrgrp.name)
↪↪"
      learn_client_ip_srcaddr6:
        -
          name: "default_name_11 (source firewall.address6.name firewall.addrgrp6.
↪↪name)"
      max_message_length: "12"
      max_request_length: "13"
      max_waf_body_cache_length: "14"
      proxy_fqdn: "<your_own_value>"
      strict_web_check: "enable"
      tunnel_non_http: "enable"
      unknown_http_version: "reject"
      webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
```

## 5.395.6 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:

## 5.395.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.395.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)



- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.396 fortios\_web\_proxy\_profile – Configure web proxy profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.396.1 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 v6.0.5

### 5.396.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.396.3 Parameters

### 5.396.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.396.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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_for: "pass"
    headers:
      -
        action: "add-to-request"
        content: "<your_own_value>"
        id: "13"
        name: "default_name_14"
      log_header_change: "enable"
      name: "default_name_16"
      strip_encoding: "enable"
```

## 5.396.6 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:

## 5.396.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.396.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.397 fortios\_web\_proxy\_url\_match – Exempt URLs from web proxy forwarding and caching in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.397.1 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 v6.0.5

### 5.397.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.397.3 Parameters

### 5.397.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.397.5 Examples

```
- hosts: fortigates
  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"
        web_proxy_url_match:
          cache_exemption: "enable"
          comment: "Comment."
          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>"
```

## 5.397.6 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:

## 5.397.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.397.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.398 fortios\_web\_proxy\_wisp – Configure Wireless Internet service provider (WISP) servers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.398.1 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 v6.0.5

### 5.398.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.398.3 Parameters

### 5.398.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.398.5 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 Wireless Internet service provider (WISP) servers.
  fortios_web_proxy_wisp:
    vdom: "{{ vdom }}"
    state: "present"
    web_proxy_wisp:
      comment: "Comment."
      max_connections: "4"
      name: "default_name_5"
      outgoing_ip: "<your_own_value>"
      server_ip: "<your_own_value>"
      server_port: "8"
      timeout: "9"
```

## 5.398.6 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:

## 5.398.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.398.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.399 fortios\_webfilter\_content – Configure Web filter banned word table in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.399.1 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 v6.0.5

### 5.399.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.399.3 Parameters

### 5.399.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.399.5 Examples

```
- hosts: fortigates
collections:
  - 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.
  fortios_webfilter_content:
    vdom: "{{ vdom }}"
```

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```
state: "present"
webfilter_content:
  comment: "Optional comments."
  entries:
    -
      action: "block"
      lang: "western"
      name: "default_name_7"
      pattern_type: "wildcard"
      score: "9"
      status: "enable"
  id: "11"
  name: "default_name_12"
```

### 5.399.6 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:

### 5.399.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.399.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.400 fortios\_webfilter\_content\_header – Configure content types used by Web filter in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*



- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.400.1 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 v6.0.5

### 5.400.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.400.3 Parameters

### 5.400.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.400.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    webfilter_content_header:
      comment: "Optional comments."
      entries:
        -
          action: "block"
```

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```
category: "<your_own_value>"
pattern: "<your_own_value>"
id: "8"
name: "default_name_9"
```

### 5.400.6 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:

### 5.400.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.400.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.401 fortios\_webfilter\_fortiguard – Configure FortiGuard Web Filter service in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.401.1 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 v6.0.5

### 5.401.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.401.3 Parameters

### 5.401.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.401.5 Examples

```
- hosts: fortigates
collections:
  - 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: "3"
      cache_mode: "ttl"
      cache_prefix_match: "enable"
      close_ports: "enable"
      ovrd_auth_https: "enable"
      ovrd_auth_port: "8"
      ovrd_auth_port_http: "9"
      ovrd_auth_port_https: "10"
      ovrd_auth_port_warning: "11"
      request_packet_size_limit: "12"
      warn_auth_https: "enable"
```

## 5.401.6 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:

## 5.401.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.401.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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.

---

## 5.402 fortios\_webfilter\_ftgd\_local\_cat – Configure FortiGuard Web Filter local categories in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.402.1 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 v6.0.5

## 5.402.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.402.3 Parameters

## 5.402.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.402.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
    webfilter_ftgd_local_cat:
      desc: "<your_own_value>"
      id: "4"
      status: "enable"
```

## 5.402.6 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:

## 5.402.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.402.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- 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.

---

## 5.403 fortios\_webfilter\_ftgd\_local\_rating – Configure local FortiGuard Web Filter local ratings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.403.1 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 v6.0.5

### 5.403.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.403.3 Parameters

### 5.403.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.403.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    webfilter_ftgd_local_rating:
      rating: "<your_own_value>"
      status: "enable"
      url: "myurl.com"
```

### 5.403.6 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:

### 5.403.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.403.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.404 fortios\_webfilter\_ips\_urlfilter\_cache\_setting – Configure IPS URL filter cache settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.404.1 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 v6.0.5

### 5.404.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.404.3 Parameters

### 5.404.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.404.5 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 IPS URL filter cache settings.
  fortios_webfilter_ips_urlfilter_cache_setting:
    vdom: "{{ vdom }}"
    webfilter_ips_urlfilter_cache_setting:
      dns_retry_interval: "3"
      extended_ttl: "4"

```

### 5.404.6 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:

### 5.404.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.404.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.405 fortios\_webfilter\_ips\_urlfilter\_setting – Configure IPS URL filter settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

## 5.405.1 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 v6.0.5

## 5.405.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.405.3 Parameters

## 5.405.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.405.5 Examples

```
- hosts: fortigates
collections:
  - 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: "4"
      gateway: "<your_own_value>"
      geo_filter: "<your_own_value>"
```

### 5.405.6 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:

### 5.405.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.405.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.406 fortios\_webfilter\_ips\_urlfilter\_setting6 – Configure IPS URL filter settings for IPv6 in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.406.1 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 v6.0.5

## 5.406.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.406.3 Parameters

## 5.406.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.406.5 Examples

```
- hosts: fortigates
collections:
  - 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: "4"
      gateway6: "<your_own_value>"
      geo_filter: "<your_own_value>"
```

## 5.406.6 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:

## 5.406.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.406.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.407 fortios\_webfilter\_override – Configure FortiGuard Web Filter administrative overrides in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.407.1 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 v6.0.5

### 5.407.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.407.3 Parameters

### 5.407.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.407.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    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)"
```

## 5.407.6 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:

## 5.407.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.407.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.408 fortios\_webfilter\_profile – Configure Web filter profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.408.1 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 v6.0.5

### 5.408.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.408.3 Parameters

### 5.408.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.408.5 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 Web filter profiles.
  fortios_webfilter_profile:
    vdom: "{{ vdom }}"
    state: "present"
    webfilter_profile:
      comment: "Optional comments."
      extended_log: "enable"
      ftgd_wf:
        exempt_quota: "<your_own_value>"
        filters:
          -
            action: "block"
            auth_usr_grp:
              -
                name: "default_name_10 (source user.group.name)"
                category: "11"
                id: "12"
                log: "enable"
                override_replacemsg: "<your_own_value>"
                warn_duration: "<your_own_value>"
                warning_duration_type: "session"
                warning_prompt: "per-domain"
            max_quota_timeout: "18"
            options: "error-allow"
            ovrd: "<your_own_value>"
            quota:
              -
                category: "<your_own_value>"
                duration: "<your_own_value>"
                id: "24"
                override_replacemsg: "<your_own_value>"
                type: "time"
                unit: "B"
                value: "28"
            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_36"
            options: "activexfilter"
            override:
              ovrd_cookie: "allow"
              ovrd_dur: "<your_own_value>"
              ovrd_dur_mode: "constant"
              ovrd_scope: "user"
              ovrd_user_group:
                -
                  name: "default_name_44 (source user.group.name)"
            profile:
              -

```

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```

        name: "default_name_46 (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) "
    web:
        blacklist: "enable"
        bword_table: "54 (source webfilter.content.id) "
        bword_threshold: "55"
        content_header_list: "56 (source webfilter.content-header.id) "
        keyword_match:
            -
                pattern: "<your_own_value>"
                log_search: "enable"
                safe_search: "url"
                urlfilter_table: "61 (source webfilter.urlfilter.id) "
                whitelist: "exempt-av"
                youtube_restrict: "none"
        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_83 (source web-proxy.wisp.name) "
    youtube_channel_filter:
        -
            channel_id: "<your_own_value>"
            comment: "Comment."
            id: "87"
    youtube_channel_status: "disable"

```

## 5.408.6 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:

## 5.408.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.408.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.409 fortios\_webfilter\_search\_engine – Configure web filter search engines in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.409.1 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 v6.0.5

### 5.409.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.409.3 Parameters

### 5.409.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.409.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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"
```

### 5.409.6 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:

### 5.409.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.409.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)

- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## **5.410 fortios\_webfilter\_urlfilter – Configure URL filter lists in Fortinet’s FortiOS and FortiGate.**

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### **5.410.1 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 v6.0.5

### **5.410.2 Requirements**

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### **5.410.3 Parameters**

### **5.410.4 Notes**

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.410.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    webfilter_urlfilter:
      comment: "Optional comments."
      entries:
        -
          action: "exempt"
          dns_address_family: "ipv4"
          exempt: "av"
          id: "8"
          referrer_host: "myhostname"
          status: "enable"
          type: "simple"
          url: "myurl.com"
          web_proxy_profile: "<your_own_value> (source web-proxy.profile.name)"
    id: "14"
    ip_addr_block: "enable"
    name: "default_name_16"
    one_arm_ips_urlfilter: "enable"
```

## 5.410.6 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:

## 5.410.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.410.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.411 fortios\_wireless\_controller\_ap\_status – Configure access point status (rogue | accepted | suppressed) in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.411.1 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 v6.0.5

### 5.411.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.411.3 Parameters

### 5.411.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

### 5.411.5 Examples

```
- hosts: fortigates
collections:
  - 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).
  fortios_wireless_controller_ap_status:
    vdom: "{{ vdom }}"
    state: "present"
    wireless_controller_ap_status:
      bssid: "<your_own_value>"
      id: "4"
      ssid: "<your_own_value>"
      status: "rogue"
```

### 5.411.6 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:

### 5.411.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.411.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.412 fortios\_wireless\_controller\_ble\_profile – Configure Bluetooth Low Energy profile in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.412.1 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 v6.0.5

### 5.412.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.412.3 Parameters

### 5.412.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.412.5 Examples

```
- hosts: fortigates
collections:
  - 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:
```

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```

vdom:  "{{ vdom }}"
state: "present"
wireless_controller_ble_profile:
  advertising: "ibeacon"
  beacon_interval: "4"
  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: "12"
  minor_id: "13"
  name: "default_name_14"
  txpower: "0"

```

### 5.412.6 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:

### 5.412.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.412.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.413 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 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.413.1 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 v6.0.5

### 5.413.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.413.3 Parameters

### 5.413.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.413.5 Examples

```
- hosts: fortigates
collections:
  - 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
```

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```

networks using Bonjour.
fortios_wireless_controller_bonjour_profile:
  vdom: "{{ vdom }}"
  state: "present"
  wireless_controller_bonjour_profile:
    comment: "Comment."
    name: "default_name_4"
    policy_list:
      -
        description: "<your_own_value>"
        from_vlan: "<your_own_value>"
        policy_id: "8"
        services: "all"
        to_vlan: "<your_own_value>"

```

### 5.413.6 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:

### 5.413.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.413.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.414 fortios\_wireless\_controller\_global – Configure wireless controller global settings in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.414.1 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 v6.0.5

### 5.414.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.414.3 Parameters

### 5.414.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.414.5 Examples

```
- hosts: fortigates
collections:
  - 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: "5"
```

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```

control_message_offload: "ebp-frame"
data_ethernet_II: "enable"
discovery_mc_addr: "<your_own_value>"
fiapp_eth_type: "9"
image_download: "enable"
ipsec_base_ip: "<your_own_value>"
link_aggregation: "enable"
location: "<your_own_value>"
max_clients: "14"
max_retransmit: "15"
mesh_eth_type: "16"
name: "default_name_17"
rogue_scan_mac_adjacency: "18"
wtp_share: "enable"

```

### 5.414.6 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:

### 5.414.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.414.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.415 fortios\_wireless\_controller\_hotspot20\_anqp\_3gpp\_cellular – Configure 3GPP public land mobile network (PLMN) in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*

---

**5.415. fortios\_wireless\_controller\_hotspot20\_anqp\_3gpp\_cellular – Configure 3GPP public land mobile network (PLMN) in Fortinet's FortiOS and FortiGate.**

- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.415.1 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 v6.0.5

### 5.415.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.415.3 Parameters

### 5.415.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.415.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_hotspot20_anqp_3gpp_cellular:
      mcc_mnc_list:
```

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```

-
  id: "4"
  mcc: "<your_own_value>"
  mnc: "<your_own_value>"
  name: "default_name_7"

```

### 5.415.6 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:

### 5.415.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.415.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.416 fortios\_wireless\_controller\_hotspot20\_anqp\_ip\_address\_type – Configure IP address type availability in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

**5.416. fortios\_wireless\_controller\_hotspot20\_anqp\_ip\_address\_type – Configure IP address type availability in Fortinet’s FortiOS and FortiGate.**

• *Authors*

---

## 5.416.1 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 v6.0.5

## 5.416.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.416.3 Parameters

## 5.416.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.416.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wireless_controller_hotspot20_anqp_ip_address_type:
          ipv4_address_type: "not-available"
          ipv6_address_type: "not-available"
          name: "default_name_5"
```

## 5.416.6 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:



### 5.416.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.416.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.417 fortios\_wireless\_controller\_hotspot20\_anqp\_nai\_realm – Configure network access identifier (NAI) realm in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.417.1 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 v6.0.5

### 5.417.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.417.3 Parameters

### 5.417.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.417.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_hotspot20_anqp_nai_realm:
      nai_list:
        -
          eap_method:
            -
              auth_param:
                -
                  id: "6"
                  index: "7"
                  val: "eap-identity"
                  index: "9"
                  method: "eap-identity"
                  encoding: "disable"
                  nai_realm: "<your_own_value>"
                  name: "default_name_13"
              name: "default_name_14"
```

### 5.417.6 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:

### 5.417.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.417.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.418 fortios\_wireless\_controller\_hotspot20\_anqp\_network\_auth\_type – Configure network authentication type in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.418.1 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 v6.0.5

### 5.418.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.418.3 Parameters

### 5.418.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.418.5 Examples

```
- hosts: fortigates
  collections:
    - 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 authentication type.
      fortios_wireless_controller_hotspot20_anqp_network_auth_type:
        vdom: "{{ vdom }}"
        state: "present"
        wireless_controller_hotspot20_anqp_network_auth_type:
          auth_type: "acceptance-of-terms"
          name: "default_name_4"
          url: "myurl.com"
```

### 5.418.6 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:

### 5.418.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.418.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.419 fortios\_wireless\_controller\_hotspot20\_anqp\_roaming\_consortium – Configure roaming consortium in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.419.1 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 v6.0.5

### 5.419.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.419.3 Parameters

### 5.419.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-

## 5.419.5 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure roaming consortium.
  fortios_wireless_controller_hotspot20_anqp_roaming_consortium:
    vdom: "{{ vdom }}"
    state: "present"
    wireless_controller_hotspot20_anqp_roaming_consortium:
      name: "default_name_3"
      oi_list:
        -
          comment: "Comment."
          index: "6"
          oi: "<your_own_value>"
```

## 5.419.6 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:

## 5.419.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.419.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.420 fortios\_wireless\_controller\_hotspot20\_anqp\_venue\_name – Configure venue name duple in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.420.1 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 v6.0.5

### 5.420.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.420.3 Parameters

### 5.420.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.420.5 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"
    wireless_controller_hotspot20_anqp_venue_name:
      name: "default_name_3"
      value_list:
        -
          index: "5"
          lang: "<your_own_value>"
          value: "<your_own_value>"
```

## 5.420.6 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:

## 5.420.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.420.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.421 fortios\_wireless\_controller\_hotspot20\_h2qp\_conn\_capability – Configure connection capability in Fortinet’s FortiOS and FortiGate.

New in version 2.9.



- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.421.1 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 v6.0.5

### 5.421.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.421.3 Parameters

### 5.421.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.421.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```
state: "present"
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"
```

### 5.421.6 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:

### 5.421.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.421.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.422 fortios\_wireless\_controller\_hotspot20\_h2qp\_operator\_name – Configure operator friendly name in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*

- [Requirements](#)
- [Parameters](#)
- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.422.1 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 v6.0.5

### 5.422.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.422.3 Parameters

### 5.422.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.422.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wireless_controller_hotspot20_h2qp_operator_name:
          name: "default_name_3"
```

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```
value_list:
-
  index: "5"
  lang: "<your_own_value>"
  value: "<your_own_value>"
```

### 5.422.6 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:

### 5.422.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.422.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.423 fortios\_wireless\_controller\_hotspot20\_h2qp\_osu\_provider – Configure online sign up (OSU) provider list in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*

---

- *Authors*

---

### 5.423.1 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 v6.0.5

### 5.423.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.423.3 Parameters

### 5.423.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.423.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wireless_controller_hotspot20_h2qp_osu_provider:
          friendly_name:
            -
              friendly_name: "<your_own_value>"
              index: "5"
              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>"
```

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```
service_description:
-
  lang: "<your_own_value>"
  service_description: "<your_own_value>"
  service_id: "15"
```

### 5.423.6 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:

### 5.423.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.423.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.424 fortios\_wireless\_controller\_hotspot20\_h2qp\_wan\_metric – Configure WAN metrics in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.424.1 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 v6.0.5

### 5.424.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.424.3 Parameters

### 5.424.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.424.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_hotspot20_h2qp_wan_metric:
      downlink_load: "3"
      downlink_speed: "4"
      link_at_capacity: "enable"
      link_status: "up"
      load_measurement_duration: "7"
      name: "default_name_8"
      symmetric_wan_link: "symmetric"
      uplink_load: "10"
      uplink_speed: "11"
```

### 5.424.6 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:

## 5.424.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.424.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.425 fortios\_wireless\_controller\_hotspot20\_hs\_profile – Configure hotspot profile in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.425.1 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 v6.0.5

### 5.425.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0



### 5.425.3 Parameters

### 5.425.4 Notes

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.425.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wireless_controller_hotspot20_hs_profile:
          plmn_3gpp: "<your_own_value> (source wireless-controller.hotspot20.anqp-3gpp-
↪cellular.name)"
          access_network_asra: "enable"
          access_network_esr: "enable"
          access_network_internet: "enable"
          access_network_type: "private-network"
          access_network_uesa: "enable"
          anqp_domain_id: "9"
          bss_transition: "enable"
          conn_cap: "<your_own_value> (source wireless-controller.hotspot20.h2qp-conn-
↪capability.name)"
          deauth_request_timeout: "12"
          dgaf: "enable"
          domain_name: "<your_own_value>"
          gas_comeback_delay: "15"
          gas_fragmentation_limit: "16"
          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_21"
          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)"
          osu_provider:
            -
```

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```
    name: "default_name_25 (source wireless-controller.hotspot20.h2qp-osu-
↪provider.name) "
    osu_ssid: "<your_own_value>"
    pame_bi: "disable"
    proxy_arp: "enable"
    qos_map: "<your_own_value> (source wireless-controller.hotspot20.qos-map.name)
↪"
    roaming_consortium: "<your_own_value> (source wireless-controller.hotspot20.
↪anqp-roaming-consortium.name) "
    venue_group: "unspecified"
    venue_name: "<your_own_value> (source wireless-controller.hotspot20.anqp-
↪venue-name.name) "
    venue_type: "unspecified"
    wan_metrics: "<your_own_value> (source wireless-controller.hotspot20.h2qp-wan-
↪metric.name) "
    wnm_sleep_mode: "enable"
```

### 5.425.6 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:

### 5.425.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.425.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.426 fortios\_wireless\_controller\_hotspot20\_icon – Configure OSU provider icon in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.426.1 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 v6.0.5

### 5.426.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.426.3 Parameters

### 5.426.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.426.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```
state: "present"
wireless_controller_hotspot20_icon:
  icon_list:
    -
      file: "<your_own_value>"
      height: "5"
      lang: "<your_own_value>"
      name: "default_name_7"
      type: "bmp"
      width: "9"
  name: "default_name_10"
```

## 5.426.6 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:

## 5.426.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.426.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.427 fortios\_wireless\_controller\_hotspot20\_qos\_map – Configure QoS map set in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*

- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.427.1 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 v6.0.5

### 5.427.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.427.3 Parameters

### 5.427.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.427.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_hotspot20_qos_map:
      dscp_except:
        -
          dscp: "4"
          index: "5"
          up: "6"
```

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```
dscp_range:
-
  high: "8"
  index: "9"
  low: "10"
  up: "11"
  name: "default_name_12"
```

### 5.427.6 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:

### 5.427.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.427.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.428 fortios\_wireless\_controller\_inter\_controller – Configure inter wireless controller operation in Fortinet's FortiOS and Forti-Gate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

## 5.428.1 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 v6.0.5

## 5.428.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.428.3 Parameters

## 5.428.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.428.5 Examples

```
- hosts: fortigates
collections:
  - fortinet.fortios
connection: httpapi
vars:
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  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: "3"
      fast_failover_wait: "4"
      inter_controller_key: "<your_own_value>"
      inter_controller_mode: "disable"
      inter_controller_peer:
        -
          id: "8"
          peer_ip: "<your_own_value>"
```

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```
peer_port: "10"  
peer_priority: "primary"  
inter_controller_pri: "primary"
```

### 5.428.6 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:

### 5.428.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.428.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.429 fortios\_wireless\_controller\_qos\_profile – Configure WiFi quality of service (QoS) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*



### 5.429.1 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 v6.0.5

### 5.429.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.429.3 Parameters

### 5.429.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.429.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_qos_profile:
      bandwidth_admission_control: "enable"
      bandwidth_capacity: "4"
      burst: "enable"
      call_admission_control: "enable"
      call_capacity: "7"
      comment: "Comment."
      downlink: "9"
      downlink_sta: "10"
      dscp_wmm_be:
        -
          id: "12"
      dscp_wmm_bk:
        -
          id: "14"
```

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```
dscp_wmm_mapping: "enable"
dscp_wmm_vi:
-
  id: "17"
dscp_wmm_vo:
-
  id: "19"
name: "default_name_20"
uplink: "21"
uplink_sta: "22"
wmm: "enable"
wmm_uapsd: "enable"
```

## 5.429.6 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:

## 5.429.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.429.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.430 fortios\_wireless\_controller\_setting – VDOM wireless controller configuration in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*

- [Notes](#)
- [Examples](#)
- [Return Values](#)
- [Status](#)
- [Authors](#)

### 5.430.1 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 v6.0.5

### 5.430.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.430.3 Parameters

### 5.430.4 Notes

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

### 5.430.5 Examples

```
- hosts: fortigates
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: "NA"
      duplicate_ssid: "enable"
      fapc_compatibility: "enable"
```

## 5.430.6 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:

## 5.430.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.430.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.431 fortios\_wireless\_controller\_timers – Configure CAPWAP timers in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.431.1 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 v6.0.5

## 5.431.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.431.3 Parameters

## 5.431.4 Notes

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

## 5.431.5 Examples

```
- hosts: fortigates
collections:
  - 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:
      ble_scan_report_intv: "3"
      client_idle_timeout: "4"
      darrp_day: "sunday"
      darrp_optimize: "6"
      darrp_time:
        -
          time: "<your_own_value>"
      discovery_interval: "9"
      echo_interval: "10"
      fake_ap_log: "11"
      ipsec_intf_cleanup: "12"
      radio_stats_interval: "13"
      rogue_ap_log: "14"
      sta_capability_interval: "15"
      sta_locate_timer: "16"
      sta_stats_interval: "17"
      vap_stats_interval: "18"
```

## 5.431.6 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:

**5.431. fortios\_wireless\_controller\_timers – Configure CAPWAP timers in Fortinet’s FortiOS and FortiGate.**

### 5.431.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.431.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.432 fortios\_wireless\_controller\_utm\_profile – Configure UTM (Unified Threat Management) profile in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.432.1 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 v6.0.5

### 5.432.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.432.3 Parameters

### 5.432.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.432.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        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) "
```

### 5.432.6 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:

### 5.432.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.432.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.433 fortios\_wireless\_controller\_vap – Configure Virtual Access Points (VAPs) in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.433.1 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 v6.0.5

### 5.433.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.433.3 Parameters

### 5.433.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
-



## 5.433.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_vap:
      acct_interim_interval: "3"
      alias: "<your_own_value>"
      auth: "psk"
      broadcast_ssid: "enable"
      broadcast_suppression: "dhcp-up"
      captive_portal_ac_name: "<your_own_value>"
      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: "13"
      dhcp_lease_time: "14"
      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: "20"
      eapol_key_retries: "disable"
      encrypt: "TKIP"
      external_fast_roaming: "enable"
      external_logout: "<your_own_value>"
      external_web: "<your_own_value>"
      fast_bss_transition: "disable"
      fast_roaming: "enable"
      ft_mobility_domain: "28"
      ft_over_ds: "disable"
      ft_r0_key_lifetime: "30"
      gtk_rekey: "enable"
      gtk_rekey_intv: "32"
      hotspot20_profile: "<your_own_value>"
      intra_vap_privacy: "enable"
      ip: "<your_own_value>"
      key: "<your_own_value>"
      keyindex: "37"
      ldpc: "disable"
      local_authentication: "enable"
      local_bridging: "enable"
      local_lan: "allow"
      local_standalone: "enable"
```

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```

local_standalone_nat: "enable"
mac_auth_bypass: "enable"
mac_filter: "enable"
mac_filter_list:
-
    id: "47"
    mac: "<your_own_value>"
    mac_filter_policy: "allow"
mac_filter_policy_other: "allow"
max_clients: "51"
max_clients_ap: "52"
me_disable_thresh: "53"
mesh_backhaul: "enable"
mpsk: "enable"
mpsk_concurrent_clients: "56"
mpsk_key:
-
    comment: "Comment."
    concurrent_clients: "<your_own_value>"
    key_name: "<your_own_value>"
    passphrase: "<your_own_value>"
multicast_enhance: "enable"
multicast_rate: "0"
name: "default_name_64"
okc: "disable"
passphrase: "<your_own_value>"
pmf: "disable"
pmf_assoc_comeback_timeout: "68"
pmf_sa_query_retry_timeout: "69"
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>"
portal_type: "auth"
probe_resp_suppression: "enable"
probe_resp_threshold: "<your_own_value>"
ptk_rekey: "enable"
ptk_rekey_intv: "80"
qos_profile: "<your_own_value>"
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>"
radius_mac_auth_usergroups:
-
    name: "default_name_89"
radius_server: "<your_own_value>"
rates_11a: "1"
rates_11ac_ss12: "mcs0/1"
rates_11ac_ss34: "mcs0/3"
rates_11bg: "1"
rates_11n_ss12: "mcs0/1"
rates_11n_ss34: "mcs16/3"

```

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```

schedule: "<your_own_value>"
security: "open"
security_exempt_list: "<your_own_value>"
security_obsolete_option: "enable"
security_redirect_url: "<your_own_value>"
selected_usergroups:
-
    name: "default_name_103"
split_tunneling: "enable"
ssid: "<your_own_value>"
tkip_counter_measure: "enable"
usergroup:
-
    name: "default_name_108"
utm_profile: "<your_own_value>"
vdom: "<your_own_value> (source system.vdom.name)"
vlan_auto: "enable"
vlan_pool:
-
    id: "113"
    wtp_group: "<your_own_value>"
vlan_pooling: "wtp-group"
vlanid: "116"
voice_enterprise: "disable"

```

### 5.433.6 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:

### 5.433.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.433.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.434 fortios\_wireless\_controller\_vap\_group – Configure virtual Access Point (VAP) groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.434.1 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 v6.0.5

### 5.434.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.434.3 Parameters

### 5.434.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.434.5 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 virtual Access Point (VAP) groups.
  fortios_wireless_controller_vap_group:
    vdom: "{{ vdom }}"
    state: "present"
    wireless_controller_vap_group:
      comment: "Comment."
      name: "default_name_4"
      vaps:
        -
          name: "default_name_6 (source wireless-controller.vap.name)"

```

### 5.434.6 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:

### 5.434.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.434.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.435 fortios\_wireless\_controller\_wids\_profile – Configure wireless intrusion detection system (WIDS) profiles in Fortinet’s FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*

---

**5.435. fortios\_wireless\_controller\_wids\_profile – Configure wireless intrusion detection system (WIDS) profiles in Fortinet’s FortiOS and FortiGate.**

- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.435.1 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 v6.0.5

### 5.435.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.435.3 Parameters

### 5.435.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.435.5 Examples

```
- hosts: fortigates
collections:
  - 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"
    wireless_controller_wids_profile:
      ap_auto_suppress: "enable"
```

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```

ap_bgscan_disable_day: "sunday"
ap_bgscan_disable_end: "<your_own_value>"
ap_bgscan_disable_start: "<your_own_value>"
ap_bgscan_duration: "7"
ap_bgscan_idle: "8"
ap_bgscan_intv: "9"
ap_bgscan_period: "10"
ap_bgscan_report_intv: "11"
ap_fgscan_report_intv: "12"
ap_scan: "disable"
ap_scan_passive: "enable"
asleep_attack: "enable"
assoc_flood_thresh: "16"
assoc_flood_time: "17"
assoc_frame_flood: "enable"
auth_flood_thresh: "19"
auth_flood_time: "20"
auth_frame_flood: "enable"
comment: "Comment."
deauth_broadcast: "enable"
deauth_unknown_src_thresh: "24"
eapol_fail_flood: "enable"
eapol_fail_intv: "26"
eapol_fail_thresh: "27"
eapol_logoff_flood: "enable"
eapol_logoff_intv: "29"
eapol_logoff_thresh: "30"
eapol_pre_fail_flood: "enable"
eapol_pre_fail_intv: "32"
eapol_pre_fail_thresh: "33"
eapol_pre_succ_flood: "enable"
eapol_pre_succ_intv: "35"
eapol_pre_succ_thresh: "36"
eapol_start_flood: "enable"
eapol_start_intv: "38"
eapol_start_thresh: "39"
eapol_succ_flood: "enable"
eapol_succ_intv: "41"
eapol_succ_thresh: "42"
invalid_mac_oui: "enable"
long_duration_attack: "enable"
long_duration_thresh: "45"
name: "default_name_46"
null_ssid_probe_resp: "enable"
sensor_mode: "disable"
spoofed_deauth: "enable"
weak_wep_iv: "enable"
wireless_bridge: "enable"

```

### 5.435.6 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:

## 5.435.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.435.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.436 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 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.436.1 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 v6.0.5

### 5.436.2 Requirements

The below requirements are needed on the host that executes this module.



- ansible>=2.9.0

### 5.436.3 Parameters

### 5.436.4 Notes

---

#### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.436.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        wireless_controller_wtp:
          admin: "discovered"
          allowaccess: "telnet"
          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>"
          image_download: "enable"
          index: "12"
          ip_fragment_preventing: "tcp-mss-adjust"
          lan:
            port_mode: "offline"
            port_ssid: "<your_own_value> (source wireless-controller.vap.name)"
            port1_mode: "offline"
            port1_ssid: "<your_own_value> (source wireless-controller.vap.name)"
            port2_mode: "offline"
            port2_ssid: "<your_own_value> (source wireless-controller.vap.name)"
            port3_mode: "offline"
            port3_ssid: "<your_own_value> (source wireless-controller.vap.name)"
            port4_mode: "offline"
            port4_ssid: "<your_own_value> (source wireless-controller.vap.name)"
            port5_mode: "offline"
            port5_ssid: "<your_own_value> (source wireless-controller.vap.name)"
```

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```

    port6_mode: "offline"
    port6_ssid: "<your_own_value> (source wireless-controller.vap.name) "
    port7_mode: "offline"
    port7_ssid: "<your_own_value> (source wireless-controller.vap.name) "
    port8_mode: "offline"
    port8_ssid: "<your_own_value> (source wireless-controller.vap.name) "
    led_state: "enable"
    location: "<your_own_value>"
    login_passwd: "<your_own_value>"
    login_passwd_change: "yes"
    mesh_bridge_enable: "default"
    name: "default_name_38"
    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: "47"
      auto_power_level: "enable"
      auto_power_low: "49"
      band: "802.11a"
      channel:
        -
          chan: "<your_own_value>"
      override_analysis: "enable"
      override_band: "enable"
      override_channel: "enable"
      override_txpower: "enable"
      override_vaps: "enable"
      power_level: "58"
      radio_id: "59"
      spectrum_analysis: "enable"
      vap_all: "enable"
      vaps:
        -
          name: "default_name_63 (source wireless-controller.vap-group.name_
↪ wireless-controller.vap.name) "
    radio_2:
      auto_power_high: "65"
      auto_power_level: "enable"
      auto_power_low: "67"
      band: "802.11a"
      channel:
        -
          chan: "<your_own_value>"
      override_analysis: "enable"
      override_band: "enable"
      override_channel: "enable"
      override_txpower: "enable"
      override_vaps: "enable"
      power_level: "76"
      radio_id: "77"
      spectrum_analysis: "enable"
      vap_all: "enable"

```

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```

    vaps:
    -
      name: "default_name_81 (source wireless-controller.vap-group.name_
↪wireless-controller.vap.name) "
      split_tunneling_acl:
      -
        dest_ip: "<your_own_value>"
        id: "84"
        split_tunneling_acl_local_ap_subnet: "enable"
        split_tunneling_acl_path: "tunnel"
        tun_mtu_downlink: "87"
        tun_mtu_uplink: "88"
        wan_port_mode: "wan-lan"
        wtp_id: "<your_own_value>"
        wtp_mode: "normal"
        wtp_profile: "<your_own_value> (source wireless-controller.wtp-profile.name) "

```

### 5.436.6 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:

### 5.436.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.436.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.437 fortios\_wireless\_controller\_wtp\_group – Configure WTP groups in Fortinet’s FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

### 5.437.1 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 v6.0.5

### 5.437.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

### 5.437.3 Parameters

### 5.437.4 Notes

---

**Note:**

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

### 5.437.5 Examples

```
- hosts: fortigates
collections:
  - 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 }}"
```

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```

state: "present"
wireless_controller_wtp_group:
  name: "default_name_3"
  platform_type: "AP-11N"
  wtps:
    -
      wtp_id: "<your_own_value> (source wireless-controller.wtp.wtp-id) "

```

### 5.437.6 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:

### 5.437.7 Status

- This module is not guaranteed to have a backwards compatible interface.

### 5.437.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

---

**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

## 5.438 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 2.8.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

---

**5.438. 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.**

- *Return Values*
- *Status*
- *Authors*

## 5.438.1 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 v6.0.5

## 5.438.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

## 5.438.3 Parameters

## 5.438.4 Notes

---

### Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks
- 

## 5.438.5 Examples

```
- hosts: fortigates
collections:
  - 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"
      wireless_controller_wtp_profile:
        allowaccess: "telnet"
        ap_country: "NA"
        ble_profile: "<your_own_value> (source wireless-controller.ble-profile.name)"
        comment: "Comment."
        control_message_offload: "ebp-frame"
        deny_mac_list:
```

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```

-
    id: "9"
    mac: "<your_own_value>"
    dtls_in_kernel: "enable"
    dtls_policy: "clear-text"
    energy_efficient_ethernet: "enable"
    ext_info_enable: "enable"
    handoff_roaming: "enable"
    handoff_rssi: "16"
    handoff_sta_thresh: "17"
    ip_fragment_preventing: "tcp-mss-adjust"
    lan:
        port_mode: "offline"
        port_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port1_mode: "offline"
        port1_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port2_mode: "offline"
        port2_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port3_mode: "offline"
        port3_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port4_mode: "offline"
        port4_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port5_mode: "offline"
        port5_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port6_mode: "offline"
        port6_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port7_mode: "offline"
        port7_ssid: "<your_own_value> (source wireless-controller.vap.name)"
        port8_mode: "offline"
        port8_ssid: "<your_own_value> (source wireless-controller.vap.name)"
    lbs:
        aeroscout: "enable"
        aeroscout_ap_mac: "bssid"
        aeroscout_mmu_report: "enable"
        aeroscout_mu: "enable"
        aeroscout_mu_factor: "43"
        aeroscout_mu_timeout: "44"
        aeroscout_server_ip: "<your_own_value>"
        aeroscout_server_port: "46"
        ekahau_blink_mode: "enable"
        ekahau_tag: "<your_own_value>"
        erc_server_ip: "<your_own_value>"
        erc_server_port: "50"
        fortipresence: "foreign"
        fortipresence_frequency: "52"
        fortipresence_port: "53"
        fortipresence_project: "<your_own_value>"
        fortipresence_rogue: "enable"
        fortipresence_secret: "<your_own_value>"
        fortipresence_server: "<your_own_value>"
        fortipresence_unassoc: "enable"
        station_locate: "enable"
    led_schedules:
-
    name: "default_name_61 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name)"
    led_state: "enable"

```

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```

lldp: "enable"
login_passwd: "<your_own_value>"
login_passwd_change: "yes"
max_clients: "66"
name: "default_name_67"
platform:
    type: "AP-11N"
poe_mode: "auto"
radio_1:
    amsdu: "enable"
    ap_handoff: "enable"
    ap_sniffer_addr: "<your_own_value>"
    ap_sniffer_bufsize: "75"
    ap_sniffer_chan: "76"
    ap_sniffer_ctl: "enable"
    ap_sniffer_data: "enable"
    ap_sniffer_mgmt_beacon: "enable"
    ap_sniffer_mgmt_other: "enable"
    ap_sniffer_mgmt_probe: "enable"
    auto_power_high: "82"
    auto_power_level: "enable"
    auto_power_low: "84"
    band: "802.11a"
    bandwidth_admission_control: "enable"
    bandwidth_capacity: "87"
    beacon_interval: "88"
    call_admission_control: "enable"
    call_capacity: "90"
    channel:
        -
            chan: "<your_own_value>"
    channel_bonding: "80MHz"
    channel_utilization: "enable"
    coexistence: "enable"
    darrp: "enable"
    dtim: "97"
    frag_threshold: "98"
    frequency_handoff: "enable"
    max_clients: "100"
    max_distance: "101"
    mode: "disabled"
    power_level: "103"
    powersave_optimize: "tim"
    protection_mode: "rtscts"
    radio_id: "106"
    rts_threshold: "107"
    short_guard_interval: "enable"
    spectrum_analysis: "enable"
    transmit_optimize: "disable"
    vap_all: "enable"
    vaps:
        -
            name: "default_name_113 (source wireless-controller.vap-group.name_
↪wireless-controller.vap.name)"
            wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
    radio_2:

```

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```

amsdu: "enable"
ap_handoff: "enable"
ap_sniffer_addr: "<your_own_value>"
ap_sniffer_bufsize: "119"
ap_sniffer_chan: "120"
ap_sniffer_ctl: "enable"
ap_sniffer_data: "enable"
ap_sniffer_mgmt_beacon: "enable"
ap_sniffer_mgmt_other: "enable"
ap_sniffer_mgmt_probe: "enable"
auto_power_high: "126"
auto_power_level: "enable"
auto_power_low: "128"
band: "802.11a"
bandwidth_admission_control: "enable"
bandwidth_capacity: "131"
beacon_interval: "132"
call_admission_control: "enable"
call_capacity: "134"
channel:
  -
    chan: "<your_own_value>"
channel_bonding: "80MHz"
channel_utilization: "enable"
coexistence: "enable"
darrp: "enable"
dtim: "141"
frag_threshold: "142"
frequency_handoff: "enable"
max_clients: "144"
max_distance: "145"
mode: "disabled"
power_level: "147"
powersave_optimize: "tim"
protection_mode: "rtscts"
radio_id: "150"
rts_threshold: "151"
short_guard_interval: "enable"
spectrum_analysis: "enable"
transmit_optimize: "disable"
vap_all: "enable"
vaps:
  -
    name: "default_name_157 (source wireless-controller.vap-group.name_
↪wireless-controller.vap.name)"
    wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
split_tunneling_acl:
  -
    dest_ip: "<your_own_value>"
    id: "161"
split_tunneling_acl_local_ap_subnet: "enable"
split_tunneling_acl_path: "tunnel"
tun_mtu_downlink: "164"
tun_mtu_uplink: "165"
wan_port_mode: "wan-lan"

```

## 5.438.6 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:

## 5.438.7 Status

- This module is not guaranteed to have a backwards compatible interface.

## 5.438.8 Authors

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**Hint:** If you notice any issues in this documentation, you can create a pull request to improve it.

---

### 6.1 Multiversions Note

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.**

### 6.2 Release Galaxy 1.0.10 ... 10.0.13

## 6.2.1 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

## 6.2.2 New Modules

#	Module Name	New in 6.2	New in 6.4
1	fortios_cifs_domain_controller	yes	yes
2	fortios_cifs_profile	yes	yes
3	fortios_dlp_sensitivity	yes	yes
4	fortios_emailfilter_bwl	yes	yes
5	fortios_emailfilter_bword	yes	yes
6	fortios_emailfilter_dnsbl	yes	yes
7	fortios_emailfilter_fortishield	yes	yes
8	fortios_emailfilter_iptrust	yes	yes
9	fortios_emailfilter_mheader	yes	yes
10	fortios_emailfilter_options	yes	yes
11	fortios_emailfilter_profile	yes	yes
12	fortios_endpoint_control_fctems	yes	yes
13	fortios_firewall_consolidated_policy	yes	yes
14	fortios_firewall_internet_service_addition	yes	yes
15	fortios_firewall_internet_service_cat_definition	yes	no
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

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
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
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

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
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_ddnscd	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
114	fortios_test_fcncd	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_fsverd	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

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Table 1 – continued from previous page

#	Module Name	New in 6.2	New in 6.4
136	fortios_test_lnkmttd	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_uploadadd	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
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

### 6.2.3 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 hypen conversion.

- Support licence modules: `fortios_system_vmlicense`, `fortios_registration_forticare` and `fortios_registration_vdom`.
- Support raw json encoding for generic module.

### 6.2.4 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`.