Ansible Galaxy FortiOS Collection

Release 1.0

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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

FortiOS Galaxy Versioning

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	`ansible-galaxy collection install fortinet.fortios:1.0.9`
6.0.0	1.0.13 `latest`	2020/5/26	`ansible-galaxy collection install fortinet.fortios:1.0.13`
6.0.5	1.0.6	2019/12/9	`ansible-galaxy collection install fortinet.fortios:1.0.6`
6.0.5	1.0.7	2020/2/23	`ansible-galaxy collection install fortinet.fortios:1.0.7`
6.0.5	1.0.8	2020/5/6	`ansible-galaxy collection install fortinet.fortios:1.0.8`
6.0.5	1.0.12 `latest`	2020/5/26	`ansible-galaxy collection install fortinet.fortios:1.0.12`
6.2.0	1.0.10 `latest`	2020/5/6	`ansible-galaxy collection install fortinet.fortios:1.0.10`
6.4.0	1.0.11 `latest`	2020/5/11	`ansible-galaxy collection install fortinet.fortios:1.0.11`

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

CHAPTER 2

Install FortiOS Ansible Galaxy

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

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 to install Ansible
- The Ansible core version requirement: >= 2.9.0

2.3 Install FortiOS Galaxy Collection

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

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

CHAPTER 3

Run Your First Playbook

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

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`.

CHAPTER 4

Get Help

4.1 Technical and Commuity Support

You can get support from Fortinet Techinical 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

CHAPTER 5

FortiOS Ansible Galaxy modules list

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 v6.4.0

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, 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)

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

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 v6.4.0

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, 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)

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

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 v6.4.0

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"
        cifs:
            archive_block: "encrypted"
            archive_log: "encrypted"
            emulator: "enable"
            options: "scan"
            outbreak_prevention: "disabled"
        comment: "Comment."
        content_disarm:
            cover_page: "disable"
            detect_only: "disable"
            office_action: "disable"
            office_dde: "disable"
            office_embed: "disable"
            office_hylink: "disable"
            office_linked: "disable"
            office_macro: "disable"
            original_file_destination: "fortisandbox"
            pdf_act_form: "disable"
            pdf_act_gotor: "disable"
            pdf_act_java: "disable"
            pdf_act_launch: "disable"
            pdf_act_movie: "disable"
            pdf_act_sound: "disable"
```

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```
            pdf_embedfile: "disable"
            pdf_hyperlink: "disable"
            pdf_javacode: "disable"
        extended_log: "enable"
        feature_set: "flow"
        ftgd_analytics: "disable"
        ftp:
            archive_block: "encrypted"
            archive_log: "encrypted"
            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"
        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_71"
        nntp:
            archive_block: "encrypted"
            archive_log: "encrypted"
            emulator: "enable"
            options: "scan"
            outbreak_prevention: "disabled"
        outbreak_prevention:
            external_blocklist: "disable"
            ftgd_service: "disable"
        pop3:
            archive_block: "encrypted"
            archive_log: "encrypted"
            content_disarm: "disable"
            emulator: "enable"
            executables: "default"
            options: "scan"
            outbreak_prevention: "disabled"
```

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```
        replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
        scan_mode: "default"
        smtp:
            archive_block: "encrypted"
            archive_log: "encrypted"
            content_disarm: "disable"
            emulator: "enable"
            executables: "default"
            options: "scan"
            outbreak_prevention: "disabled"
        ssh:
            archive_block: "encrypted"
            archive_log: "encrypted"
            emulator: "enable"
            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, 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)

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

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 v6.4.0

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 }}"
```

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```
    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, 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)

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

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 v6.4.0

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:
        grayware: "enable"
        override_timeout: "4"
        use_extreme_db: "enable"
```

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, 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)

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

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 v6.4.0

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"
        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, 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)

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

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 v6.4.0

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"
   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, 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)

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

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 v6.4.0

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:
      vdom:  "{{ vdom }}"
      state: "present"
      application_list:
        app_replacemsg: "disable"
        comment: "comments"
        control_default_network_services: "disable"
        deep_app_inspection: "disable"
        default_network_services:
         -
            id:  "8"
            port: "9"
            services: "http"
            violation_action: "pass"
        enforce_default_app_port: "disable"
        entries:
         -
            action: "pass"
            application:
             -
                id:  "16"
            behavior: "<your_own_value>"
            category:
             -
                id:  "19"
            id:  "20"
            log: "disable"
            log_packet: "disable"
            parameters:
             -
                id:  "24"
                members:
                 -
                    id:  "26"
                    name: "default_name_27"
                    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: "35"
```

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```
            rate_duration: "36"
            rate_mode: "periodical"
            rate_track: "none"
            risk:
             -
                level: "40"
            session_ttl: "41"
            shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)"
            shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-shaper.
↪name)"
            sub_category:
             -
                id:  "45"
            technology: "<your_own_value>"
            vendor: "<your_own_value>"
        extended_log: "enable"
        force_inclusion_ssl_di_sigs: "disable"
        name: "default_name_50"
        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, 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 v6.4.0

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"
```

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```
  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"
       parameters:
        -
           default value: "<your_own_value>"
           name: "default_name_13"
       popularity: "14"
       protocol: "<your_own_value>"
       risk: "16"
       sub_category: "17"
       technology: "<your_own_value>"
       vendor: "<your_own_value>"
       weight: "20"
```

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, 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 v6.4.0

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, 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 v6.4.0

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 }}"
```

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```
      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"
        web_portal: "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, 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 v6.4.0

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:
```

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```
      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.datasource.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, 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 v6.4.0

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 }}"
```

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```
    authentication_setting:
      active_auth_scheme: "<your_own_value> (source authentication.scheme.name)"
      auth_https: "enable"
      captive_portal: "<your_own_value> (source firewall.address.name)"
      captive_portal_ip: "<your_own_value>"
      captive_portal_ip6: "<your_own_value>"
      captive_portal_port: "8"
      captive_portal_ssl_port: "9"
      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, 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 v6.4.0

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"
   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>"
        name: "default_name_6"
        range: "global"
```

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```
        scep_url: "<your_own_value>"
        source: "factory"
        source_ip: "84.230.14.43"
        ssl_inspection_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, 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 crl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
      vdom:  "{{ vdom }}"
      state: "present"
      certificate_crl:
        crl: "<your_own_value>"
        http_url: "<your_own_value>"
        ldap_password: "<your_own_value>"
        ldap_server: "<your_own_value>"
        ldap_username: "<your_own_value>"
        name: "default_name_8"
        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: "14"
        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, 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 v6.4.0

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 }}"
      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"
        name: "default_name_16"
        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"
```

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```
        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, 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_certificate_remote – Remote certificate as a PEM file in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 certificate feature and remote category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Remote certificate as a PEM file.
    fortios_certificate_remote:
      vdom:  "{{ vdom }}"
      state: "present"
      certificate_remote:
        name: "default_name_3"
        range: "global"
        remote: "<your_own_value>"
        source: "factory"
```

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, 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_cifs_domain_controller – Define known domain controller servers in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 cifs feature and domain_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define known domain controller servers.
    fortios_cifs_domain_controller:
      vdom:  "{{ vdom }}"
      state: "present"
      cifs_domain_controller:
        domain_name: "<your_own_value>"
        ip: "<your_own_value>"
        ip6: "<your_own_value>"
        password: "<your_own_value>"
        port: "7"
        server_name: "<your_own_value>"
        username: "<your_own_value>"
```

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, 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_cifs_profile – Configure CIFS profile in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 cifs feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure CIFS profile.
    fortios_cifs_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      cifs_profile:
        domain_controller: "<your_own_value> (source credential-store.domain-
↪controller.server-name)"
        file_filter:
            entries:
             -
                action: "log"
                comment: "Comment."
                direction: "incoming"
                file_type:
                 -
                    name: "default_name_10 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
            log: "enable"
            status: "enable"
        name: "default_name_14"
        server_credential_type: "none"
        server_keytab:
         -
            keytab: "<your_own_value>"
            principal: "<your_own_value>"
```

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, 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_credential_store_domain_controller – Define known domain controller servers in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 credential_store feature and domain_controller category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define known domain controller servers.
    fortios_credential_store_domain_controller:
      vdom:  "{{ vdom }}"
      state: "present"
      credential_store_domain_controller:
        domain_name: "<your_own_value>"
        ip: "<your_own_value>"
        ip6: "<your_own_value>"
        password: "<your_own_value>"
        port: "7"
        server_name: "<your_own_value>"
        username: "<your_own_value>"
```

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, 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_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*

5.21.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and filepattern category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

5.21.6 Return Values

Common return values are documented: https://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_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.

- *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 dlp feature and fp_doc_source category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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.sensitivity.name)"
        server: "192.168.100.40"
        server_type: "samba"
        tod_hour: "16"
        tod_min: "17"
        username: "<your_own_value>"
        vdom: "mgmt"
        weekday: "sunday"
```

5.22.6 Return Values

Common return values are documented: https://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_dlp_sensitivity – Create self-explanatory DLP sensitivity levels to be used when setting sensitivity under config fp-doc-source in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 dlp feature and sensitivity category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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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_sensitivity:
      vdom:  "{{ vdom }}"
      state: "present"
      dlp_sensitivity:
        name: "default_name_3"
```

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, 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_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*

5.24.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and sensor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 DLP sensors.
    fortios_dlp_sensor:
      vdom:  "{{ vdom }}"
      state: "present"
      dlp_sensor:
        comment: "Comment."
        dlp_log: "enable"
        extended_log: "enable"
        feature_set: "flow"
```

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```
        filter:
         -
            action: "allow"
            archive: "disable"
            company_identifier:  "myId_10"
            expiry: "<your_own_value>"
            file_size: "12"
            file_type: "13 (source dlp.filepattern.id)"
            filter_by: "credit-card"
            id:  "15"
            match_percentage: "16"
            name: "default_name_17"
            proto: "smtp"
            regexp: "<your_own_value>"
            sensitivity:
             -
                name: "default_name_21 (source dlp.sensitivity.name)"
            severity: "info"
            type: "file"
        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"
```

5.24.6 Return Values

Common return values are documented: https://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_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*

5.25.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify dlp feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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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)"
```

5.25.6 Return Values

Common return values are documented: https://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_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*

5.26.1 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 v6.4.0

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 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"
```

5.26.6 Return Values

Common return values are documented: https://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_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*

5.27.1 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 v6.4.0

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 DNS domain filter profiles.
    fortios_dnsfilter_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      dnsfilter_profile:
        block_action: "block"
        block_botnet: "disable"
        comment: "Comment."
        dns_translation:
         -
            addr_type: "ipv4"
            dst: "<your_own_value>"
            dst6: "<your_own_value>"
            id:  "10"
            netmask: "<your_own_value>"
```

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```
            prefix: "12"
            src: "<your_own_value>"
            src6: "<your_own_value>"
            status: "enable"
        domain_filter:
            domain_filter_table: "17 (source dnsfilter.domain-filter.id)"
        external_ip_blocklist:
         -
            name: "default_name_19 (source system.external-resource.name)"
        ftgd_dns:
            filters:
             -
                action: "block"
                category: "23"
                id:  "24"
                log: "enable"
            options: "error-allow"
        log_all_domain: "enable"
        name: "default_name_28"
        redirect_portal: "<your_own_value>"
        redirect_portal6: "<your_own_value>"
        safe_search: "disable"
        sdns_domain_log: "enable"
        sdns_ftgd_err_log: "enable"
        youtube_restrict: "strict"
```

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, 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_dpdk_cpus – Configure CPUs enabled to run engines in each DPDK stage in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 dpdk feature and cpus category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure CPUs enabled to run engines in each DPDK stage.
  fortios_dpdk_cpus:
    vdom:  "{{ vdom }}"
    dpdk_cpus:
      ips_cpus: "<your_own_value>"
      rx_cpus: "<your_own_value>"
      tx_cpus: "<your_own_value>"
      vnp_cpus: "<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, 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_dpdk_global – Configure global DPDK options in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 dpdk feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 global DPDK options.
    fortios_dpdk_global:
      vdom:  "{{ vdom }}"
      dpdk_global:
        elasticbuffer: "disable"
        hugepage_percentage: "4"
        interface:
         -
            interface_name: "<your_own_value> (source system.interface.name)"
```

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```
        mbufpool_percentage: "7"
        multiqueue: "disable"
        per_session_accounting: "disable"
        sleep_on_idle: "disable"
        status: "disable"
```

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, 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_emailfilter_bwl – Configure anti-spam black/white list in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 emailfilter feature and bwl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure anti-spam black/white list.
    fortios_emailfilter_bwl:
      vdom:  "{{ vdom }}"
      state: "present"
      emailfilter_bwl:
        comment: "Optional comments."
        entries:
         -
            action: "reject"
            addr_type: "ipv4"
            email_pattern: "<your_own_value>"
            id:  "8"
            ip4_subnet: "<your_own_value>"
            ip6_subnet: "<your_own_value>"
            pattern_type: "wildcard"
            status: "enable"
            type: "ip"
        id:  "14"
        name: "default_name_15"
```

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, 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_emailfilter_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*

5.31.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and bword category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.31.2 Requirements

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

- ansible>=2.9.0

5.31.3 Parameters

5.31.4 Notes

Note:

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

5.31.5 Examples

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

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, 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

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

5.32.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and dnsbl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 AntiSpam DNSBL/ORBL.
    fortios_emailfilter_dnsbl:
      vdom:  "{{ vdom }}"
      state: "present"
      emailfilter_dnsbl:
        comment: "Optional comments."
        entries:
         -
            action: "reject"
            id:  "6"
            server: "192.168.100.40"
            status: "enable"
        id:  "9"
        name: "default_name_10"
```

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, 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_emailfilter_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*

5.33.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and fortishield category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiGuard - AntiSpam.
    fortios_emailfilter_fortishield:
      vdom:  "{{ vdom }}"
      emailfilter_fortishield:
        spam_submit_force: "enable"
        spam_submit_srv: "<your_own_value>"
        spam_submit_txt2htm: "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, 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_emailfilter_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*

5.34.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and iptrust category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 AntiSpam IP trust.
    fortios_emailfilter_iptrust:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    emailfilter_iptrust:
      comment: "Optional comments."
      entries:
       -
          addr_type: "ipv4"
          id:  "6"
          ip4_subnet: "<your_own_value>"
          ip6_subnet: "<your_own_value>"
          status: "enable"
      id:  "10"
      name: "default_name_11"
```

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, 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_emailfilter_mheader – Configure AntiSpam MIME header in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 emailfilter feature and mheader category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 AntiSpam MIME header.
    fortios_emailfilter_mheader:
      vdom:  "{{ vdom }}"
      state: "present"
      emailfilter_mheader:
        comment: "Optional comments."
        entries:
         -
            action: "spam"
```

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```
            fieldbody: "<your_own_value>"
            fieldname: "<your_own_value>"
            id:  "8"
            pattern_type: "wildcard"
            status: "enable"
        id:  "11"
        name: "default_name_12"
```

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, 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_emailfilter_options – Configure AntiSpam options in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

- *Status*
- *Authors*

5.36.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify emailfilter feature and options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 AntiSpam options.
    fortios_emailfilter_options:
      vdom:  "{{ vdom }}"
      emailfilter_options:
        dns_timeout: "3"
```

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, 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_emailfilter_profile – Configure Email Filter profiles in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 emailfilter feature and profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 Email Filter profiles.
    fortios_emailfilter_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      emailfilter_profile:
        comment: "Comment."
        external: "enable"
        feature_set: "flow"
        file_filter:
            entries:
             -
                action: "log"
                comment: "Comment."
                file_type:
                 -
                    name: "default_name_11 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
                password_protected: "yes"
                protocol: "smtp"
            log: "enable"
            scan_archive_contents: "enable"
            status: "enable"
        gmail:
            log: "enable"
        imap:
            action: "pass"
            log: "enable"
            tag_msg: "<your_own_value>"
            tag_type: "subject"
        mapi:
            action: "pass"
            log: "enable"
        msn_hotmail:
            log: "enable"
```

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```
        name: "default_name_30"
        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: "45 (source emailfilter.bwl.id)"
        spam_bword_table: "46 (source emailfilter.bword.id)"
        spam_bword_threshold: "47"
        spam_filtering: "enable"
        spam_iptrust_table: "49 (source emailfilter.iptrust.id)"
        spam_log: "disable"
        spam_log_fortiguard_response: "disable"
        spam_mheader_table: "52 (source emailfilter.mheader.id)"
        spam_rbl_table: "53 (source emailfilter.dnsbl.id)"
        yahoo_mail:
            log: "enable"
```

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, 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_endpoint_control_fctems – Configure FortiClient Enterprise Management Server (EMS) entries in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 endpoint_control feature and fctems category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiClient Enterprise Management Server (EMS) entries.
  fortios_endpoint_control_fctems:
    vdom:  "{{ vdom }}"
    state: "present"
    endpoint_control_fctems:
      call_timeout: "3"
      certificate: "<your_own_value> (source certificate.remote.name)"
      cloud_server_type: "production"
      fortinetone_cloud_authentication: "enable"
      https_port: "7"
      name: "default_name_8"
      pull_avatars: "enable"
      pull_sysinfo: "enable"
      pull_tags: "enable"
      pull_vulnerabilities: "enable"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
```

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, 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_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*

5.39.1 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 v6.4.0

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"
```

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```
  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"
       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> (source system.interface.name)"
       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>"
```

5.39.6 Return Values

Common return values are documented: https://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_extender_modem_status – Display detailed extender modem status 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 extender feature and modem_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Display detailed extender modem status.
    fortios_extender_modem_status:
      vdom:  "{{ vdom }}"
      extender_modem_status:
        <sn>: "<your_own_value> (source extender-controller.extender.id)"
```

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, 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_extender_sys_info – Display detailed extender system information 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 extender feature and sys_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Display detailed extender system information.
  fortios_extender_sys_info:
    vdom:  "{{ vdom }}"
    extender_sys_info:
      <sn>: "<your_own_value> (source extender-controller.extender.id)"
```

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, 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_facts – Get facts about fortios devices.

New in version 2.9.

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

- *Status*
- *Authors*

5.42.1 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.

5.42.2 Requirements

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

- fortiosapi>=0.9.8

5.42.3 Parameters

5.42.4 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

5.42.5 Examples

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

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```
    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'
```

5.42.6 Return Values

Common return values are documented: https://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

- 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.

5.43 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*

5.43.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  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"
       clearpass_spt: "unknown"
       color: "7"
       comment: "Comment."
       country: "<your_own_value>"
       end_ip: "<your_own_value>"
       end_mac: "<your_own_value>"
       epg_name: "<your_own_value>"
       filter: "<your_own_value>"
       fqdn: "<your_own_value>"
       fsso_group:
        -
           name: "default_name_16 (source user.adgrp.name)"
       interface: "<your_own_value> (source system.interface.name)"
       list:
        -
           ip: "<your_own_value>"
       name: "default_name_20"
       obj_id: "<your_own_value>"
       organization: "<your_own_value>"
       policy_group: "<your_own_value>"
       sdn: "<your_own_value> (source system.sdn-connector.name)"
       sdn_addr_type: "private"
       sdn_tag: "<your_own_value>"
       start_ip: "<your_own_value>"
       start_mac: "<your_own_value>"
       sub_type: "sdn"
       subnet: "<your_own_value>"
       subnet_name: "<your_own_value>"
       tagging:
        -
           category: "<your_own_value> (source system.object-tagging.category)"
           name: "default_name_34"
           tags:
            -
               name: "default_name_36 (source system.object-tagging.tags.name)"
       tenant: "<your_own_value>"
       type: "ipmask"
       uuid: "<your_own_value>"
       wildcard: "<your_own_value>"
       wildcard_fqdn: "<your_own_value>"
```

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, 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_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*

5.44.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 firewall addresses.
    fortios_firewall_address6:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_address6:
        cache_ttl: "3"
        color: "4"
        comment: "Comment."
        country: "<your_own_value>"
        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_14"
        obj_id: "<your_own_value>"
        sdn: "<your_own_value> (source system.sdn-connector.name)"
        start_ip: "<your_own_value>"
        subnet_segment:
         -
            name: "default_name_19"
            type: "any"
            value: "<your_own_value>"
        tagging:
```

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```
        -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_24"
            tags:
             -
                name: "default_name_26 (source system.object-tagging.tags.name)"
        template: "<your_own_value> (source firewall.address6-template.name)"
        type: "ipprefix"
        uuid: "<your_own_value>"
```

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, 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_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*

5.45.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and address6_template category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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"
```

5.45.6 Return Values

Common return values are documented: https://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_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*

5.46.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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."
        exclude: "enable"
        exclude_member:
         -
            name: "default_name_8 (source firewall.address.name firewall.addrgrp.name)
↪"
        member:
         -
```

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```
            name: "default_name_10 (source firewall.address.name firewall.addrgrp.
↪name)"
        name: "default_name_11"
        tagging:
         -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_14"
            tags:
             -
                name: "default_name_16 (source system.object-tagging.tags.name)"
        type: "default"
        uuid: "<your_own_value>"
```

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, 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_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*

5.47.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and addrgrp6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv6 address groups.
    fortios_firewall_addrgrp6:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_addrgrp6:
        color: "3"
        comment: "Comment."
        member:
         -
```

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```
            name: "default_name_6 (source firewall.address6.name firewall.addrgrp6.
↪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)"
        uuid: "<your_own_value>"
```

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, 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_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*

5.48.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and auth_portal category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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>"
```

5.48.6 Return Values

Common return values are documented: https://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_central_snat_map – Configure IPv4 and IPv6 central SNAT policies 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 central_snat_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv4 and IPv6 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)
↪"
        dst_addr6:
         -
            name: "default_name_7 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        dstintf:
         -
            name: "default_name_9 (source system.interface.name system.zone.name)"
        nat: "disable"
        nat_ippool:
         -
            name: "default_name_12 (source firewall.ippool.name)"
        nat_ippool6:
         -
            name: "default_name_14 (source firewall.ippool6.name)"
        nat_port: "<your_own_value>"
        orig_addr:
         -
```

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```
            name: "default_name_17 (source firewall.address.name firewall.addrgrp.
↪name)"
        orig_addr6:
         -
            name: "default_name_19 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        orig_port: "<your_own_value>"
        policyid: "21"
        protocol: "22"
        srcintf:
         -
            name: "default_name_24 (source system.interface.name system.zone.name)"
        status: "enable"
        type: "ipv4"
        uuid: "<your_own_value>"
```

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, 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_city – Define city table in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and city category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define city table.
    fortios_firewall_city:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_city:
```

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```
        id:  "3"
        name: "default_name_4"
```

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, 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_consolidated_policy – Configure consolidated IPv4/IPv6 policies in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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_consolidated feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 consolidated IPv4/IPv6 policies.
    fortios_firewall_consolidated_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_consolidated_policy:
        action: "accept"
        application_list: "<your_own_value> (source application.list.name)"
        auto_asic_offload: "enable"
        av_profile: "<your_own_value> (source antivirus.profile.name)"
        captive_portal_exempt: "enable"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        comments: "<your_own_value>"
        diffserv_forward: "enable"
        diffserv_reverse: "enable"
        diffservcode_forward: "<your_own_value>"
        diffservcode_rev: "<your_own_value>"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
        dstaddr_negate: "enable"
```

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```
        dstaddr4:
         -
            name: "default_name_18 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
        dstaddr6:
         -
            name: "default_name_20 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
              .name)"
        dstintf:
         -
            name: "default_name_22 (source system.interface.name system.zone.name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        fixedport: "enable"
        fsso_groups:
         -
            name: "default_name_26 (source user.adgrp.name)"
        groups:
         -
            name: "default_name_28 (source user.group.name)"
        http_policy_redirect: "enable"
        icap_profile: "<your_own_value> (source icap.profile.name)"
        inbound: "enable"
        inspection_mode: "proxy"
        internet_service: "enable"
        internet_service_custom:
         -
            name: "default_name_35 (source firewall.internet-service-custom.name)"
        internet_service_custom_group:
         -
            name: "default_name_37 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_group:
         -
            name: "default_name_39 (source firewall.internet-service-group.name)"
        internet_service_name:
         -
            name: "default_name_41 (source firewall.internet-service-name.name)"
        internet_service_negate: "enable"
        internet_service_src: "enable"
        internet_service_src_custom:
         -
            name: "default_name_45 (source firewall.internet-service-custom.name)"
        internet_service_src_custom_group:
         -
            name: "default_name_47 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_src_group:
         -
            name: "default_name_49 (source firewall.internet-service-group.name)"
        internet_service_src_name:
         -
            name: "default_name_51 (source firewall.internet-service-name.name)"
        internet_service_src_negate: "enable"
        ippool: "enable"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        logtraffic: "all"
```

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```
        logtraffic_start: "enable"
        name: "default_name_57"
        nat: "enable"
        outbound: "enable"
        per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
        policyid: "61"
        poolname4:
         -
            name: "default_name_63 (source firewall.ippool.name)"
        poolname6:
         -
            name: "default_name_65 (source firewall.ippool6.name)"
        profile_group: "<your_own_value> (source firewall.profile-group.name)"
        profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
        profile_type: "single"
        schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
        service:
         -
            name: "default_name_71 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        session_ttl: "73"
        srcaddr_negate: "enable"
        srcaddr4:
         -
            name: "default_name_76 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
        srcaddr6:
         -
            name: "default_name_78 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        srcintf:
         -
            name: "default_name_80 (source system.interface.name system.zone.name)"
        ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
        ssh_policy_redirect: "enable"
        ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
        status: "enable"
        tcp_mss_receiver: "85"
        tcp_mss_sender: "86"
        traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
        traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
        users:
         -
            name: "default_name_90 (source user.local.name)"
        utm_status: "enable"
        uuid: "<your_own_value>"
        voip_profile: "<your_own_value> (source voip.profile.name)"
        vpntunnel: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪manualkey.name)"
        waf_profile: "<your_own_value> (source waf.profile.name)"
        wanopt: "enable"
        wanopt_detection: "active"
```

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```
        wanopt_passive_opt: "default"
        wanopt_peer: "<your_own_value> (source wanopt.peer.peer-host-id)"
        wanopt_profile: "<your_own_value> (source wanopt.profile.name)"
        webcache: "enable"
        webcache_https: "disable"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
        webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪name web-proxy.forward-server-group.name)"
        webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
```

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, 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_country – Define country table in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 country category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define country table.
    fortios_firewall_country:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_country:
        id:  "3"
        name: "default_name_4"
        region:
         -
            id:  "6"
```

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, 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_decrypted_traffic_mirror – Configure decrypted traffic mirror in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 decrypted_traffic_mirror category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 decrypted traffic mirror.
    fortios_firewall_decrypted_traffic_mirror:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_decrypted_traffic_mirror:
        dstmac: "<your_own_value>"
        interface:
         -
            name: "default_name_5 (source system.interface.name system.zone.name)"
        name: "default_name_6"
        traffic_source: "client"
        traffic_type: "ssl"
```

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, 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_dnstranslation – Configure DNS translation in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.54.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dnstranslation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.54.6 Return Values

Common return values are documented: https://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_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*

5.55.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dos_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.55.6 Return Values

Common return values are documented: https://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_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*

5.56.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and dos_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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)"
        srcaddr:
         -
            name: "default_name_21 (source firewall.address6.name firewall.addrgrp6.
↪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, 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_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*

5.57.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and identity_based_route category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.57.6 Return Values

Common return values are documented: https://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_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*

5.58.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and interface_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv4 interface policies.
    fortios_firewall_interface_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_interface_policy:
        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_12 (source firewall.address.name firewall.addrgrp.
↪name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        emailfilter_profile_status: "enable"
        interface: "<your_own_value> (source system.zone.name system.interface.name)"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        ips_sensor_status: "enable"
        logtraffic: "all"
        policyid: "19"
        service:
         -
            name: "default_name_21 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr:
         -
            name: "default_name_23 (source firewall.address.name firewall.addrgrp.
↪name)"
        status: "enable"
```

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```
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
        webfilter_profile_status: "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, 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_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*

5.59.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and interface_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 interface policies.
    fortios_firewall_interface_policy6:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_interface_policy6:
        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"
        dstaddr6:
         -
            name: "default_name_12 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        emailfilter_profile_status: "enable"
```

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```
        interface: "<your_own_value> (source system.zone.name system.interface.name)"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        ips_sensor_status: "enable"
        logtraffic: "all"
        policyid: "19"
        service6:
         -
            name: "default_name_21 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr6:
         -
            name: "default_name_23 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        status: "enable"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
        webfilter_profile_status: "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, 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_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*

5.60.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet_service category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Show Internet Service application.
    fortios_firewall_internet_service:
      vdom:  "{{ vdom }}"
```

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```
    state: "present"
    firewall_internet_service:
      database: "isdb"
      direction: "src"
      extra_ip_range_number: "5"
      icon_id: "6"
      id:  "7"
      ip_number: "8"
      ip_range_number: "9"
      name: "default_name_10"
      obsolete: "11"
      singularity: "12"
```

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, 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_internet_service_addition – Configure Internet Services Addition in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 internet_service_addition category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 Internet Services Addition.
    fortios_firewall_internet_service_addition:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_addition:
        comment: "Comment."
        entry:
         -
            id:  "5"
```

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```
            port_range:
             -
                end_port: "7"
                id:  "8"
                start_port: "9"
            protocol: "10"
        id:  "11 (source firewall.internet-service.id)"
```

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, 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_internet_service_botnet – Show Internet Service botnet in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 firewall feature and internet_service_botnet category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Show Internet Service botnet.
    fortios_firewall_internet_service_botnet:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_botnet:
        id:  "3"
        name: "default_name_4"
```

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, 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_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*

5.63.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet_service_custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 custom Internet Services.
    fortios_firewall_internet_service_custom:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_custom:
        comment: "Comment."
        entry:
         -
            dst:
             -
                name: "default_name_6 (source firewall.address.name firewall.addrgrp.
↪name)"
            id:  "7"
            port_range:
             -
                end_port: "9"
                id:  "10"
                start_port: "11"
            protocol: "12"
        name: "default_name_13"
        reputation: "14 (source firewall.internet-service-reputation.id)"
```

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, 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_internet_service_custom_group – Configure custom Internet Service group in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 internet_service_custom_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.64.6 Return Values

Common return values are documented: https://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_internet_service_definition – Configure Internet Service definition in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 internet_service_definition category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 Internet Service definition.
    fortios_firewall_internet_service_definition:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_definition:
        entry:
         -
            category_id: "4"
            name: "default_name_5"
            port_range:
             -
                end_port: "7"
                id:  "8"
                start_port: "9"
            protocol: "10"
            seq_num: "11"
        id:  "12"
```

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, 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_internet_service_extension – Configure Internet Services Extension in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 internet_service_extension category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Configure Internet Services Extension.
   fortios_firewall_internet_service_extension:
     vdom:  "{{ vdom }}"
     state: "present"
     firewall_internet_service_extension:
       comment: "Comment."
       disable_entry:
        -
           id:  "5"
           ip_range:
            -
               end_ip: "<your_own_value>"
               id:  "8"
               start_ip: "<your_own_value>"
           port_range:
            -
               end_port: "11"
               id:  "12"
               start_port: "13"
           protocol: "14"
       entry:
        -
           dst:
            -
               name: "default_name_17 (source firewall.address.name firewall.addrgrp.
↪name)"
           id:  "18"
           port_range:
            -
               end_port: "20"
               id:  "21"
               start_port: "22"
           protocol: "23"
       id:  "24 (source firewall.internet-service.id)"
```

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, 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_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*

5.67.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and internet_service_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.67.2 Requirements

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

- ansible>=2.9.0

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 group of Internet Service.
    fortios_firewall_internet_service_group:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_group:
        comment: "Comment."
        direction: "source"
        member:
         -
            name: "default_name_6 (source firewall.internet-service-name.name)"
        name: "default_name_7"
```

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, 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_internet_service_ipbl_reason – IP blacklist reason in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 internet_service_ipbl_reason category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: IP blacklist reason.
  fortios_firewall_internet_service_ipbl_reason:
    vdom:  "{{ vdom }}"
    state: "present"
    firewall_internet_service_ipbl_reason:
      id:  "3"
      name: "default_name_4"
```

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, 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_internet_service_ipbl_vendor – IP blacklist vendor in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 internet_service_ipbl_vendor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: IP blacklist vendor.
    fortios_firewall_internet_service_ipbl_vendor:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_ipbl_vendor:
        id:  "3"
        name: "default_name_4"
```

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, 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_internet_service_list – Internet Service list in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 internet_service_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Internet Service list.
    fortios_firewall_internet_service_list:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_list:
        id:  "3"
        name: "default_name_4"
```

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, 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_internet_service_name – Define internet service names in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and internet_service_name category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define internet service names.
    fortios_firewall_internet_service_name:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_name:
        city_id: "3 (source firewall.city.id)"
        country_id: "4 (source firewall.country.id)"
        internet_service_id: "5 (source firewall.internet-service.id)"
        name: "default_name_6"
        region_id: "7 (source firewall.region.id)"
        type: "default"
```

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, 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_internet_service_owner – Internet Service owner in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and internet_service_owner category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Internet Service owner.
  fortios_firewall_internet_service_owner:
    vdom:  "{{ vdom }}"
    state: "present"
    firewall_internet_service_owner:
      id:  "3"
      name: "default_name_4"
```

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, 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_internet_service_reputation – Show Internet Service reputation in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and internet_service_reputation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Show Internet Service reputation.
    fortios_firewall_internet_service_reputation:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_reputation:
        description: "<your_own_value>"
        id:  "4"
```

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, 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_internet_service_sld – Internet Service Second Level Domain in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and internet_service_sld category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Internet Service Second Level Domain.
    fortios_firewall_internet_service_sld:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_internet_service_sld:
        id:  "3"
        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, 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_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*

5.75.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ip_translation category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 firewall IP-translation.
    fortios_firewall_ip_translation:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_ip_translation:
        endip: "<your_own_value>"
        map_startip: "<your_own_value>"
        startip: "<your_own_value>"
        transid: "6"
        type: "SCTP"
```

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, 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_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*

5.76.1 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 v6.4.0

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"
```

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```
  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"
```

5.76.6 Return Values

Common return values are documented: https://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_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*

5.77.1 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 v6.4.0

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 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"
```

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```
        seq_num: "6"
        status: "enable"
```

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, 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_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*

5.78.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ippool category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.78.6 Return Values

Common return values are documented: https://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_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*

5.79.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ippool6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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>"
```

5.79.6 Return Values

Common return values are documented: https://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_iprope_list – lis in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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_iprope feature and list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: list
    fortios_firewall_iprope_list:
      vdom:  "{{ vdom }}"
      firewall_iprope_list:
        <group_number>: "<your_own_value>"
```

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, 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_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*

5.81.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ipv6_eh_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv6 extension header filter.
    fortios_firewall_ipv6_eh_filter:
      vdom:  "{{ vdom }}"
```

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```
    firewall_ipv6_eh_filter:
      auth: "enable"
      dest_opt: "enable"
      fragment: "enable"
      hdopt_type: "6"
      hop_opt: "enable"
      no_next: "enable"
      routing: "enable"
      routing_type: "10"
```

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, 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_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*

5.82.1 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 v6.4.0

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: 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"
        port: "8"
        retry: "9"
```

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```
        src_ip: "<your_own_value>"
        timeout: "11"
        type: "ping"
```

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, 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_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*

5.83.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and local_in_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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"
        uuid: "<your_own_value>"
```

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, 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_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*

5.84.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and local_in_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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)"
```

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```
        service:
         -
            name: "default_name_11 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr:
         -
            name: "default_name_13 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        status: "enable"
        uuid: "<your_own_value>"
```

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, 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_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*

5.85.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast_address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

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```
        start_ip: "<your_own_value>"
        subnet: "<your_own_value>"
        tagging:
         -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_12"
            tags:
             -
                name: "default_name_14 (source system.object-tagging.tags.name)"
        type: "multicastrange"
```

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, 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_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*

5.86.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast_address6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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:
```

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```
        -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_9"
            tags:
             -
                name: "default_name_11 (source system.object-tagging.tags.name)"
```

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, 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_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*

5.87.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure multicast NAT policies.
    fortios_firewall_multicast_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_multicast_policy:
        action: "accept"
        auto_asic_offload: "enable"
        comments: "<your_own_value>"
        dnat: "<your_own_value>"
        dstaddr:
         -
            name: "default_name_8 (source firewall.multicast-address.name)"
        dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
        end_port: "10"
        id:  "11"
```

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```
        logtraffic: "enable"
        protocol: "13"
        snat: "enable"
        snat_ip: "<your_own_value>"
        srcaddr:
         -
            name: "default_name_17 (source firewall.address.name firewall.addrgrp.
↪name)"
        srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
        start_port: "19"
        status: "enable"
        uuid: "<your_own_value>"
```

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, 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_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*

5.88.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and multicast_policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv6 multicast NAT policies.
    fortios_firewall_multicast_policy6:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_multicast_policy6:
        action: "accept"
        auto_asic_offload: "enable"
        dstaddr:
         -
```

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```
            name: "default_name_6 (source firewall.multicast-address6.name)"
        dstintf: "<your_own_value> (source system.interface.name system.zone.name)"
        end_port: "8"
        id:  "9"
        logtraffic: "enable"
        protocol: "11"
        srcaddr:
         -
            name: "default_name_13 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        srcintf: "<your_own_value> (source system.interface.name system.zone.name)"
        start_port: "15"
        status: "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, 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_policy – Configure IPv4/IPv6 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 policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv4/IPv6 policies.
    fortios_firewall_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_policy:
        action: "accept"
        anti_replay: "enable"
        app_category:
         -
```

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```
            id:  "6"
        app_group:
         -
            name: "default_name_8"
        application:
         -
            id:  "10"
        application_list: "<your_own_value> (source application.list.name)"
        auth_cert: "<your_own_value> (source vpn.certificate.local.name)"
        auth_path: "enable"
        auth_redirect_addr: "<your_own_value>"
        auto_asic_offload: "enable"
        av_profile: "<your_own_value> (source antivirus.profile.name)"
        block_notification: "enable"
        captive_portal_exempt: "enable"
        capture_packet: "enable"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        comments: "<your_own_value>"
        custom_log_fields:
         -
            field_id: "<your_own_value> (source log.custom-field.id)"
        decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↪traffic-mirror.name)"
        delay_tcp_npu_session: "enable"
        diffserv_forward: "enable"
        diffserv_reverse: "enable"
        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)"
        dsri: "enable"
        dstaddr:
         -
            name: "default_name_35 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
        dstaddr_negate: "enable"
        dstaddr6:
         -
            name: "default_name_38 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vipgrp6.name firewall.vip6.name system.external-resource
              .name)"
        dstintf:
         -
            name: "default_name_40 (source system.interface.name system.zone.name)"
        email_collect: "enable"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        firewall_session_dirty: "check-all"
        fixedport: "enable"
        fsso_agent_for_ntlm: "<your_own_value> (source user.fsso.name)"
        fsso_groups:
         -
            name: "default_name_47 (source user.adgrp.name)"
        geoip_anycast: "enable"
        geoip_match: "physical-location"
        groups:
         -
```

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```
            name: "default_name_51 (source user.group.name)"
        http_policy_redirect: "enable"
        icap_profile: "<your_own_value> (source icap.profile.name)"
        identity_based_route: "<your_own_value> (source firewall.identity-based-route.
↪name)"
        inbound: "enable"
        inspection_mode: "proxy"
        internet_service: "enable"
        internet_service_custom:
         -
            name: "default_name_59 (source firewall.internet-service-custom.name)"
        internet_service_custom_group:
         -
            name: "default_name_61 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_group:
         -
            name: "default_name_63 (source firewall.internet-service-group.name)"
        internet_service_name:
         -
            name: "default_name_65 (source firewall.internet-service-name.name)"
        internet_service_negate: "enable"
        internet_service_src: "enable"
        internet_service_src_custom:
         -
            name: "default_name_69 (source firewall.internet-service-custom.name)"
        internet_service_src_custom_group:
         -
            name: "default_name_71 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_src_group:
         -
            name: "default_name_73 (source firewall.internet-service-group.name)"
        internet_service_src_name:
         -
            name: "default_name_75 (source firewall.internet-service-name.name)"
        internet_service_src_negate: "enable"
        ippool: "enable"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        logtraffic: "all"
        logtraffic_start: "enable"
        match_vip: "enable"
        match_vip_only: "enable"
        name: "default_name_83"
        nat: "enable"
        natinbound: "enable"
        natip: "<your_own_value>"
        natoutbound: "enable"
        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"
```

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```
        policyid: "96"
        poolname:
         -
            name: "default_name_98 (source firewall.ippool.name)"
        poolname6:
         -
            name: "default_name_100 (source firewall.ippool6.name)"
        profile_group: "<your_own_value> (source firewall.profile-group.name)"
        profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
        profile_type: "single"
        radius_mac_auth_bypass: "enable"
        redirect_url: "<your_own_value>"
        replacemsg_override_group: "<your_own_value> (source system.replacemsg-group.
↪name)"
        reputation_direction: "source"
        reputation_minimum: "108 (source firewall.internet-service-reputation.id)"
        rtp_addr:
         -
            name: "default_name_110 (source firewall.internet-service-custom-group.
↪name firewall.addrgrp.name)"
        rtp_nat: "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_116 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        session_ttl: "<your_own_value>"
        src_vendor_mac:
         -
            id:  "120 (source firewall.vendor-mac.id)"
        srcaddr:
         -
            name: "default_name_122 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
        srcaddr_negate: "enable"
        srcaddr6:
         -
            name: "default_name_125 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        srcintf:
         -
            name: "default_name_127 (source system.interface.name system.zone.name)"
        ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
        ssh_policy_redirect: "enable"
        ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
        status: "enable"
        tcp_mss_receiver: "132"
        tcp_mss_sender: "133"
        tcp_session_without_syn: "all"
        timeout_send_rst: "enable"
        tos: "<your_own_value>"
        tos_mask: "<your_own_value>"
```

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```
        tos_negate: "enable"
        traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
        traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
        url_category:
         -
            id:  "142"
        users:
         -
            name: "default_name_144 (source user.local.name)"
        utm_status: "enable"
        uuid: "<your_own_value>"
        vlan_cos_fwd: "147"
        vlan_cos_rev: "148"
        vlan_filter: "<your_own_value>"
        voip_profile: "<your_own_value> (source voip.profile.name)"
        vpntunnel: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪manualkey.name)"
        waf_profile: "<your_own_value> (source waf.profile.name)"
        wanopt: "enable"
        wanopt_detection: "active"
        wanopt_passive_opt: "default"
        wanopt_peer: "<your_own_value> (source wanopt.peer.peer-host-id)"
        wanopt_profile: "<your_own_value> (source wanopt.profile.name)"
        wccp: "enable"
        webcache: "enable"
        webcache_https: "disable"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
        webproxy_forward_server: "<your_own_value> (source web-proxy.forward-server.
↪name web-proxy.forward-server-group.name)"
        webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
```

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, 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_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*

5.90.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
        logtraffic_start: "enable"
        per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
        permit_any_host: "enable"
        policyid: "14"
        poolname:
         -
            name: "default_name_16 (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_19 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr:
         -
            name: "default_name_21 (source firewall.address.name firewall.addrgrp.
↪name)"
        srcintf: "<your_own_value> (source system.zone.name system.interface.name)"
        status: "enable"
        tcp_mss_receiver: "24"
        tcp_mss_sender: "25"
        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>"
```

5.90.6 Return Values

Common return values are documented: https://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_policy6 – Configure IPv6 policies in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.91.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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"
        anti_replay: "enable"
        app_category:
         -
            id:  "6"
        app_group:
         -
            name: "default_name_8 (source application.group.name)"
        application:
         -
            id:  "10"
        application_list: "<your_own_value> (source application.list.name)"
        auto_asic_offload: "enable"
        av_profile: "<your_own_value> (source antivirus.profile.name)"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        comments: "<your_own_value>"
        custom_log_fields:
         -
            field_id: "<your_own_value> (source log.custom-field.id)"
        decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↪traffic-mirror.name)"
        diffserv_forward: "enable"
```

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```
        diffserv_reverse: "enable"
        diffservcode_forward: "<your_own_value>"
        diffservcode_rev: "<your_own_value>"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
        dsri: "enable"
        dstaddr:
         -
            name: "default_name_27 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
              .name)"
        dstaddr_negate: "enable"
        dstintf:
         -
            name: "default_name_30 (source system.interface.name system.zone.name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        firewall_session_dirty: "check-all"
        fixedport: "enable"
        fsso_groups:
         -
            name: "default_name_35 (source user.adgrp.name)"
        groups:
         -
            name: "default_name_37 (source user.group.name)"
        http_policy_redirect: "enable"
        icap_profile: "<your_own_value> (source icap.profile.name)"
        inbound: "enable"
        inspection_mode: "proxy"
        ippool: "enable"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        logtraffic: "all"
        logtraffic_start: "enable"
        name: "default_name_46"
        nat: "enable"
        natinbound: "enable"
        natoutbound: "enable"
        outbound: "enable"
        per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
        policyid: "52"
        poolname:
         -
            name: "default_name_54 (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)"
        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_62 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        session_ttl: "<your_own_value>"
```

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```
        srcaddr:
         -
            name: "default_name_66 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        srcaddr_negate: "enable"
        srcintf:
         -
            name: "default_name_69 (source system.zone.name system.interface.name)"
        ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
        ssh_policy_redirect: "enable"
        ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
        status: "enable"
        tcp_mss_receiver: "74"
        tcp_mss_sender: "75"
        tcp_session_without_syn: "all"
        timeout_send_rst: "enable"
        tos: "<your_own_value>"
        tos_mask: "<your_own_value>"
        tos_negate: "enable"
        traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
        traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
        url_category:
         -
            id:  "84"
        users:
         -
            name: "default_name_86 (source user.local.name)"
        utm_status: "enable"
        uuid: "<your_own_value>"
        vlan_cos_fwd: "89"
        vlan_cos_rev: "90"
        vlan_filter: "<your_own_value>"
        voip_profile: "<your_own_value> (source voip.profile.name)"
        vpntunnel: "<your_own_value> (source vpn.ipsec.phase1.name vpn.ipsec.
↪manualkey.name)"
        waf_profile: "<your_own_value> (source waf.profile.name)"
        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)"
```

5.91.6 Return Values

Common return values are documented: https://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_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*

5.92.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and policy64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
        logtraffic_start: "enable"
        per_ip_shaper: "<your_own_value> (source firewall.shaper.per-ip-shaper.name)"
        permit_any_host: "enable"
        policyid: "14"
        poolname:
         -
            name: "default_name_16 (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_19 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr:
         -
            name: "default_name_21 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        srcintf: "<your_own_value> (source system.zone.name system.interface.name)"
        status: "enable"
```

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```
        tcp_mss_receiver: "24"
        tcp_mss_sender: "25"
        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>"
```

5.92.6 Return Values

Common return values are documented: https://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_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*

5.93.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and profile_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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)"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        icap_profile: "<your_own_value> (source icap.profile.name)"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        name: "default_name_11"
```

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```
        profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.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)"
```

5.93.6 Return Values

Common return values are documented: https://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_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*

5.94.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and profile_protocol_options category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 protocol options.
    fortios_firewall_profile_protocol_options:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_profile_protocol_options:
        cifs:
            options: "oversize"
            oversize_limit: "5"
            ports: "6"
            scan_bzip2: "enable"
            status: "enable"
            tcp_window_maximum: "9"
            tcp_window_minimum: "10"
            tcp_window_size: "11"
```

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```
            tcp_window_type: "system"
            uncompressed_nest_limit: "13"
            uncompressed_oversize_limit: "14"
        comment: "Optional comments."
        dns:
            ports: "17"
            status: "enable"
        feature_set: "flow"
        ftp:
            comfort_amount: "21"
            comfort_interval: "22"
            inspect_all: "enable"
            options: "clientcomfort"
            oversize_limit: "25"
            ports: "26"
            scan_bzip2: "enable"
            ssl_offloaded: "no"
            status: "enable"
            uncompressed_nest_limit: "30"
            uncompressed_oversize_limit: "31"
        http:
            block_page_status_code: "33"
            comfort_amount: "34"
            comfort_interval: "35"
            fortinet_bar: "enable"
            fortinet_bar_port: "37"
            inspect_all: "enable"
            options: "clientcomfort"
            oversize_limit: "40"
            ports: "41"
            post_lang: "jisx0201"
            proxy_after_tcp_handshake: "enable"
            range_block: "disable"
            retry_count: "45"
            scan_bzip2: "enable"
            ssl_offloaded: "no"
            status: "enable"
            stream_based_uncompressed_limit: "49"
            streaming_content_bypass: "enable"
            strip_x_forwarded_for: "disable"
            switching_protocols: "bypass"
            tcp_window_maximum: "53"
            tcp_window_minimum: "54"
            tcp_window_size: "55"
            tcp_window_type: "system"
            tunnel_non_http: "enable"
            uncompressed_nest_limit: "58"
            uncompressed_oversize_limit: "59"
            unknown_http_version: "reject"
        imap:
            inspect_all: "enable"
            options: "fragmail"
            oversize_limit: "64"
            ports: "65"
            proxy_after_tcp_handshake: "enable"
            scan_bzip2: "enable"
            ssl_offloaded: "no"
```

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```
            status: "enable"
            uncompressed_nest_limit: "70"
            uncompressed_oversize_limit: "71"
        mail_signature:
            signature: "<your_own_value>"
            status: "disable"
        mapi:
            options: "fragmail"
            oversize_limit: "77"
            ports: "78"
            scan_bzip2: "enable"
            status: "enable"
            uncompressed_nest_limit: "81"
            uncompressed_oversize_limit: "82"
        name: "default_name_83"
        nntp:
            inspect_all: "enable"
            options: "oversize"
            oversize_limit: "87"
            ports: "88"
            proxy_after_tcp_handshake: "enable"
            scan_bzip2: "enable"
            status: "enable"
            uncompressed_nest_limit: "92"
            uncompressed_oversize_limit: "93"
        oversize_log: "disable"
        pop3:
            inspect_all: "enable"
            options: "fragmail"
            oversize_limit: "98"
            ports: "99"
            proxy_after_tcp_handshake: "enable"
            scan_bzip2: "enable"
            ssl_offloaded: "no"
            status: "enable"
            uncompressed_nest_limit: "104"
            uncompressed_oversize_limit: "105"
        replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
        rpc_over_http: "enable"
        smtp:
            inspect_all: "enable"
            options: "fragmail"
            oversize_limit: "111"
            ports: "112"
            proxy_after_tcp_handshake: "enable"
            scan_bzip2: "enable"
            server_busy: "enable"
            ssl_offloaded: "no"
            status: "enable"
            uncompressed_nest_limit: "118"
            uncompressed_oversize_limit: "119"
        ssh:
            comfort_amount: "121"
            comfort_interval: "122"
            options: "oversize"
            oversize_limit: "124"
            scan_bzip2: "enable"
```

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```
            uncompressed_nest_limit: "126"
            uncompressed_oversize_limit: "127"
        switching_protocols_log: "disable"
```

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, 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_proute – List policy routing in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 proute category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: List policy routing.
    fortios_firewall_proute:
      vdom:  "{{ vdom }}"
      firewall_proute:
        <policy route id>: "<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, 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_proxy_address – Configure web proxy address 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 proxy_address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 web proxy address.
    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>"
        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)"
```

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```
        type: "host-regex"
        ua: "chrome"
        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, 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_proxy_addrgrp – Configure web proxy address group 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 proxy_addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 web proxy address group.
    fortios_firewall_proxy_addrgrp:
      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)"
```

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```
        type: "src"
        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, 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_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*

5.98.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and proxy_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure proxy policies.
    fortios_firewall_proxy_policy:
      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)"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        comments: "<your_own_value>"
        decrypted_traffic_mirror: "<your_own_value> (source firewall.decrypted-
↪traffic-mirror.name)"
        disclaimer: "disable"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dstaddr:
         -
            name: "default_name_12 (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)"
```

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```
        dstaddr_negate: "enable"
        dstaddr6:
         -
            name: "default_name_15 (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_17 (source system.interface.name system.zone.name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        groups:
         -
            name: "default_name_20 (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_25 (source firewall.internet-service-custom.name)"
        internet_service_custom_group:
         -
            name: "default_name_27 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_group:
         -
            name: "default_name_29 (source firewall.internet-service-group.name)"
        internet_service_name:
         -
            name: "default_name_31 (source firewall.internet-service-name.name)"
        internet_service_negate: "enable"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        logtraffic: "all"
        logtraffic_start: "enable"
        policyid: "36"
        poolname:
         -
            name: "default_name_38 (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)"
        schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
        service:
         -
            name: "default_name_47 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        session_ttl: "49"
        srcaddr:
         -
            name: "default_name_51 (source firewall.address.name firewall.addrgrp.
↪name firewall.proxy-address.name firewall.proxy-addrgrp.name system
```

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```
            .external-resource.name)"
        srcaddr_negate: "enable"
        srcaddr6:
         -
            name: "default_name_54 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        srcintf:
         -
            name: "default_name_56 (source system.interface.name system.zone.name)"
        ssh_filter_profile: "<your_own_value> (source ssh-filter.profile.name)"
        ssh_policy_redirect: "enable"
        ssl_ssh_profile: "<your_own_value> (source firewall.ssl-ssh-profile.name)"
        status: "enable"
        transparent: "enable"
        users:
         -
            name: "default_name_63 (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)"
```

5.98.6 Return Values

Common return values are documented: https://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_region – Define region table in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 feature and region category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define region table.
   fortios_firewall_region:
     vdom:  "{{ vdom }}"
     state: "present"
     firewall_region:
       city:
        -
           id:  "4"
       id:  "5"
       name: "default_name_6"
```

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, 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_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*

5.100.1 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 v6.4.0

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: Schedule group configuration.
    fortios_firewall_schedule_group:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_schedule_group:
        color: "3"
        member:
```

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```
        -
            name: "default_name_5 (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name)"
        name: "default_name_6"
```

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, 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_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*

5.101.1 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 v6.4.0

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: 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>"
```

5.101.6 Return Values

Common return values are documented: https://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_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*

5.102.1 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 v6.4.0

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: Recurring schedule configuration.
    fortios_firewall_schedule_recurring:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_schedule_recurring:
        color: "3"
        day: "sunday"
        end: "<your_own_value>"
        name: "default_name_6"
        start: "<your_own_value>"
```

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, 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_firewall_security_policy – Configure NGFW IPv4/IPv6 application policies in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 firewall feature and security_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 NGFW IPv4/IPv6 application policies.
    fortios_firewall_security_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_security_policy:
        action: "accept"
        app_category:
         -
            id:  "5"
        app_group:
         -
            name: "default_name_7 (source application.group.name)"
        application:
         -
            id:  "9"
        application_list: "<your_own_value> (source application.list.name)"
        av_profile: "<your_own_value> (source antivirus.profile.name)"
        cifs_profile: "<your_own_value> (source cifs.profile.name)"
        comments: "<your_own_value>"
        dlp_sensor: "<your_own_value> (source dlp.sensor.name)"
        dnsfilter_profile: "<your_own_value> (source dnsfilter.profile.name)"
        dstaddr:
         -
            name: "default_name_17 (source firewall.address.name firewall.addrgrp.
↪name firewall.vip.name firewall.vipgrp.name system.external-resource.name)"
        dstaddr6:
         -
            name: "default_name_19 (source firewall.address6.name firewall.addrgrp6.
↪name firewall.vip6.name firewall.vipgrp6.name system.external-resource
              .name)"
        dstintf:
         -
            name: "default_name_21 (source system.interface.name system.zone.name)"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        enforce_default_app_port: "enable"
        fsso_groups:
         -
            name: "default_name_25 (source user.adgrp.name)"
        groups:
         -
            name: "default_name_27 (source user.group.name)"
        icap_profile: "<your_own_value> (source icap.profile.name)"
        internet_service: "enable"
        internet_service_custom:
         -
```

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```
            name: "default_name_31 (source firewall.internet-service-custom.name)"
        internet_service_custom_group:
         -
            name: "default_name_33 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_group:
         -
            name: "default_name_35 (source firewall.internet-service-group.name)"
        internet_service_name:
         -
            name: "default_name_37 (source firewall.internet-service-name.name)"
        internet_service_negate: "enable"
        internet_service_src: "enable"
        internet_service_src_custom:
         -
            name: "default_name_41 (source firewall.internet-service-custom.name)"
        internet_service_src_custom_group:
         -
            name: "default_name_43 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_src_group:
         -
            name: "default_name_45 (source firewall.internet-service-group.name)"
        internet_service_src_name:
         -
            name: "default_name_47 (source firewall.internet-service-name.name)"
        internet_service_src_negate: "enable"
        ips_sensor: "<your_own_value> (source ips.sensor.name)"
        logtraffic: "all"
        name: "default_name_51"
        policyid: "52"
        profile_group: "<your_own_value> (source firewall.profile-group.name)"
        profile_protocol_options: "<your_own_value> (source firewall.profile-protocol-
↪options.name)"
        profile_type: "single"
        schedule: "<your_own_value> (source firewall.schedule.onetime.name firewall.
↪schedule.recurring.name firewall.schedule.group.name)"
        send_deny_packet: "disable"
        service:
         -
            name: "default_name_59 (source firewall.service.custom.name firewall.
↪service.group.name)"
        service_negate: "enable"
        srcaddr:
         -
            name: "default_name_62 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
        srcaddr6:
         -
            name: "default_name_64 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        srcintf:
         -
            name: "default_name_66 (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"
```

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```
        url_category:
         -
            id:  "71"
        users:
         -
            name: "default_name_73 (source user.local.name)"
        uuid: "<your_own_value>"
        voip_profile: "<your_own_value> (source voip.profile.name)"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
```

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, 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_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*

5.104.1 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 v6.4.0

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 service categories.
    fortios_firewall_service_category:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_service_category:
        comment: "Comment."
        name: "default_name_4"
```

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, 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_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*

5.105.1 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 v6.4.0

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 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: "<your_own_value>"
```

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```
        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"
```

5.105.6 Return Values

Common return values are documented: https://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_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*

5.106.1 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 v6.4.0

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"
   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"
```

5.106.6 Return Values

Common return values are documented: https://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_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*

5.107.1 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 v6.4.0

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"
   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"
```

5.107.6 Return Values

Common return values are documented: https://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_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*

5.108.1 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 v6.4.0

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 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>"
        dscp_marking_method: "multi-stage"
        exceed_bandwidth: "7"
        exceed_class_id: "8 (source firewall.traffic-class.class-id)"
        exceed_dscp: "<your_own_value>"
        guaranteed_bandwidth: "10"
        maximum_bandwidth: "11"
        maximum_dscp: "<your_own_value>"
        name: "default_name_13"
        overhead: "14"
        per_policy: "disable"
        priority: "low"
```

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, 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_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*

5.109.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and shaping_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 shaping policies.
    fortios_firewall_shaping_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_shaping_policy:
        app_category:
         -
            id:  "4"
        app_group:
         -
            name: "default_name_6 (source application.group.name)"
        application:
         -
            id:  "8"
        class_id: "9 (source firewall.traffic-class.class-id)"
        comment: "Comments."
        diffserv_forward: "enable"
        diffserv_reverse: "enable"
        diffservcode_forward: "<your_own_value>"
        diffservcode_rev: "<your_own_value>"
        dstaddr:
         -
            name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name)"
        dstaddr6:
         -
            name: "default_name_18 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        dstintf:
         -
            name: "default_name_20 (source system.interface.name system.zone.name)"
        groups:
         -
            name: "default_name_22 (source user.group.name)"
```

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```
        id:  "23"
        internet_service: "enable"
        internet_service_custom:
         -
            name: "default_name_26 (source firewall.internet-service-custom.name)"
        internet_service_custom_group:
         -
            name: "default_name_28 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_group:
         -
            name: "default_name_30 (source firewall.internet-service-group.name)"
        internet_service_name:
         -
            name: "default_name_32 (source firewall.internet-service-name.name)"
        internet_service_src: "enable"
        internet_service_src_custom:
         -
            name: "default_name_35 (source firewall.internet-service-custom.name)"
        internet_service_src_custom_group:
         -
            name: "default_name_37 (source firewall.internet-service-custom-group.
↪name)"
        internet_service_src_group:
         -
            name: "default_name_39 (source firewall.internet-service-group.name)"
        internet_service_src_name:
         -
            name: "default_name_41 (source firewall.internet-service-name.name)"
        ip_version: "4"
        name: "default_name_43"
        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_47 (source firewall.service.custom.name firewall.
↪service.group.name)"
        srcaddr:
         -
            name: "default_name_49 (source firewall.address.name firewall.addrgrp.
↪name)"
        srcaddr6:
         -
            name: "default_name_51 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        srcintf:
         -
            name: "default_name_53 (source system.interface.name system.zone.name)"
        status: "enable"
        tos: "<your_own_value>"
        tos_mask: "<your_own_value>"
        tos_negate: "enable"
        traffic_shaper: "<your_own_value> (source firewall.shaper.traffic-shaper.name)
↪"
        traffic_shaper_reverse: "<your_own_value> (source firewall.shaper.traffic-
↪shaper.name)"
```

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```
        url_category:
         -
            id:  "61"
        users:
         -
            name: "default_name_63 (source user.local.name)"
```

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, 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_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*

5.110.1 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 v6.4.0

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 shaping profiles.
    fortios_firewall_shaping_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_shaping_profile:
        comment: "Comment."
        default_class_id: "4 (source firewall.traffic-class.class-id)"
        profile_name: "<your_own_value>"
        shaping_entries:
         -
            burst_in_msec: "7"
            cburst_in_msec: "8"
            class_id: "9 (source firewall.traffic-class.class-id)"
            guaranteed_bandwidth_percentage: "10"
            id:  "11"
```

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```
            limit: "12"
            max: "13"
            maximum_bandwidth_percentage: "14"
            min: "15"
            priority: "top"
            red_probability: "17"
        type: "policing"
```

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, 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_firewall_sniffer – Configure sniffer in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

- *Status*
- *Authors*

5.111.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and sniffer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
            quarantine_log: "disable"
            status: "disable"
```

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```
            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"
        emailfilter_profile: "<your_own_value> (source emailfilter.profile.name)"
        emailfilter_profile_status: "enable"
        host: "myhostname"
        id:  "23"
        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: "30"
        non_ip: "enable"
        port: "<your_own_value>"
        protocol: "<your_own_value>"
        status: "enable"
        vlan: "<your_own_value>"
        webfilter_profile: "<your_own_value> (source webfilter.profile.name)"
        webfilter_profile_status: "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, 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_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*

5.112.1 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 v6.4.0

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"
```

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```
  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"
```

5.112.6 Return Values

Common return values are documented: https://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_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*

5.113.1 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 v6.4.0

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: SSH proxy local CA.
    fortios_firewall_ssh_local_ca:
      vdom:  "{{ vdom }}"
```

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```
    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"
```

5.113.6 Return Values

Common return values are documented: https://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_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*

5.114.1 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 v6.4.0

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

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, 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_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*

5.115.1 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 v6.4.0

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: 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)"
```

5.115.6 Return Values

Common return values are documented: https://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_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*

5.116.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ssl_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

5.116.6 Return Values

Common return values are documented: https://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_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*

5.117.1 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 v6.4.0

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: SSL proxy settings.
    fortios_firewall_ssl_setting:
      vdom:  "{{ vdom }}"
      firewall_ssl_setting:
        abbreviate_handshake: "enable"
        cert_cache_capacity: "4"
        cert_cache_timeout: "5"
        no_matching_cipher_action: "bypass"
        proxy_connect_timeout: "7"
        session_cache_capacity: "8"
        session_cache_timeout: "9"
        ssl_dh_bits: "768"
        ssl_send_empty_frags: "enable"
```

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, 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)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)

- Jie Xue (@JieX19)
- Miguel Angel 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_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*

5.118.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ssl_ssh_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure SSL/SSH protocol options.
    fortios_firewall_ssl_ssh_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_ssl_ssh_profile:
        block_blacklisted_certificates: "disable"
        caname: "<your_own_value> (source vpn.certificate.local.name)"
        comment: "Optional comments."
        ftps:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            ports: "11"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            status: "disable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
            untrusted_server_cert: "allow"
        https:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            ports: "23"
            proxy_after_tcp_handshake: "enable"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            status: "disable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
            untrusted_server_cert: "allow"
        imaps:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            ports: "36"
            proxy_after_tcp_handshake: "enable"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            status: "disable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
```

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```
            untrusted_server_cert: "allow"
        mapi_over_https: "enable"
        name: "default_name_45"
        pop3s:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            ports: "51"
            proxy_after_tcp_handshake: "enable"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            status: "disable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
            untrusted_server_cert: "allow"
        rpc_over_https: "enable"
        server_cert: "<your_own_value> (source vpn.certificate.local.name)"
        server_cert_mode: "re-sign"
        smtps:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            ports: "67"
            proxy_after_tcp_handshake: "enable"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            status: "disable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
            untrusted_server_cert: "allow"
        ssh:
            inspect_all: "disable"
            ports: "77"
            proxy_after_tcp_handshake: "enable"
            ssh_algorithm: "compatible"
            ssh_tun_policy_check: "disable"
            status: "disable"
            unsupported_version: "bypass"
        ssl:
            cert_validation_failure: "allow"
            cert_validation_timeout: "allow"
            client_certificate: "bypass"
            expired_server_cert: "allow"
            inspect_all: "disable"
            revoked_server_cert: "allow"
            sni_server_cert_check: "enable"
            unsupported_ssl_cipher: "allow"
            unsupported_ssl_negotiation: "allow"
            untrusted_server_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)"
```

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```
            fortiguard_category: "98"
            id:  "99"
            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_negotiation_log: "disable"
        ssl_server:
         -
            ftps_client_certificate: "bypass"
            https_client_certificate: "bypass"
            id:  "108"
            imaps_client_certificate: "bypass"
            ip: "<your_own_value>"
            pop3s_client_certificate: "bypass"
            smtps_client_certificate: "bypass"
            ssl_other_client_certificate: "bypass"
        untrusted_caname: "<your_own_value> (source vpn.certificate.local.name)"
        use_ssl_server: "disable"
        whitelist: "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, 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

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel 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_firewall_traffic_class – Configure names for shaping classes in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 firewall feature and traffic_class category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure names for shaping classes.
  fortios_firewall_traffic_class:
    vdom:  "{{ vdom }}"
    state: "present"
    firewall_traffic_class:
      class_id: "3"
      class_name: "<your_own_value>"
```

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, 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_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*

5.120.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and ttl_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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:
```

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```
        -
            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>"
```

5.120.6 Return Values

Common return values are documented: https://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_firewall_vendor_mac – Show vendor and the MAC address they have in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 firewall feature and vendor_mac category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Show vendor and the MAC address they have.
    fortios_firewall_vendor_mac:
      vdom:  "{{ vdom }}"
      state: "present"
      firewall_vendor_mac:
        id:  "3"
        mac_number: "4"
        name: "default_name_5"
```

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, 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_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*

5.122.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
        http_redirect: "enable"
```

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```
        https_cookie_secure: "disable"
        id:  "24"
        ldb_method: "static"
        mapped_addr: "<your_own_value> (source firewall.address.name)"
        mappedip:
         -
            range: "<your_own_value>"
        mappedport: "<your_own_value>"
        max_embryonic_connections: "30"
        monitor:
         -
            name: "default_name_32 (source firewall.ldb-monitor.name)"
        name: "default_name_33"
        nat_source_vip: "disable"
        outlook_web_access: "disable"
        persistence: "none"
        portforward: "disable"
        portmapping_type: "1-to-1"
        protocol: "tcp"
        realservers:
         -
            address: "<your_own_value> (source firewall.address.name)"
            client_ip: "<your_own_value>"
            healthcheck: "disable"
            holddown_interval: "44"
            http_host: "myhostname"
            id:  "46"
            ip: "<your_own_value>"
            max_connections: "48"
            monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
            port: "50"
            status: "active"
            type: "ip"
            weight: "53"
        server_type: "http"
        service:
         -
            name: "default_name_56 (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-AES-128-GCM-SHA256"
            priority: "65"
            versions: "ssl-3.0"
        ssl_client_fallback: "disable"
        ssl_client_rekey_count: "68"
        ssl_client_renegotiation: "allow"
        ssl_client_session_state_max: "70"
        ssl_client_session_state_timeout: "71"
```

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```
        ssl_client_session_state_type: "disable"
        ssl_dh_bits: "768"
        ssl_hpkp: "disable"
        ssl_hpkp_age: "75"
        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: "81"
        ssl_hsts_include_subdomains: "disable"
        ssl_http_location_conversion: "enable"
        ssl_http_match_host: "enable"
        ssl_max_version: "ssl-3.0"
        ssl_min_version: "ssl-3.0"
        ssl_mode: "half"
        ssl_pfs: "require"
        ssl_send_empty_frags: "enable"
        ssl_server_algorithm: "high"
        ssl_server_cipher_suites:
         -
            cipher: "TLS-AES-128-GCM-SHA256"
            priority: "93"
            versions: "ssl-3.0"
        ssl_server_max_version: "ssl-3.0"
        ssl_server_min_version: "ssl-3.0"
        ssl_server_session_state_max: "97"
        ssl_server_session_state_timeout: "98"
        ssl_server_session_state_type: "disable"
        type: "static-nat"
        uuid: "<your_own_value>"
        weblogic_server: "disable"
        websphere_server: "disable"
```

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, 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_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*

5.123.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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>"
```

5.123.6 Return Values

Common return values are documented: https://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_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*

5.124.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
        http_redirect: "enable"
        https_cookie_secure: "disable"
        id:  "19"
        ldb_method: "static"
        mappedip: "<your_own_value>"
        mappedport: "<your_own_value>"
        max_embryonic_connections: "23"
        monitor:
         -
            name: "default_name_25 (source firewall.ldb-monitor.name)"
        name: "default_name_26"
        nat_source_vip: "disable"
        outlook_web_access: "disable"
        persistence: "none"
        portforward: "disable"
```

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```
        protocol: "tcp"
        realservers:
         -
            client_ip: "<your_own_value>"
            healthcheck: "disable"
            holddown_interval: "35"
            http_host: "myhostname"
            id:  "37"
            ip: "<your_own_value>"
            max_connections: "39"
            monitor: "<your_own_value> (source firewall.ldb-monitor.name)"
            port: "41"
            status: "active"
            weight: "43"
        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-AES-128-GCM-SHA256"
            priority: "51"
            versions: "ssl-3.0"
        ssl_client_fallback: "disable"
        ssl_client_rekey_count: "54"
        ssl_client_renegotiation: "allow"
        ssl_client_session_state_max: "56"
        ssl_client_session_state_timeout: "57"
        ssl_client_session_state_type: "disable"
        ssl_dh_bits: "768"
        ssl_hpkp: "disable"
        ssl_hpkp_age: "61"
        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: "67"
        ssl_hsts_include_subdomains: "disable"
        ssl_http_location_conversion: "enable"
        ssl_http_match_host: "enable"
        ssl_max_version: "ssl-3.0"
        ssl_min_version: "ssl-3.0"
        ssl_mode: "half"
        ssl_pfs: "require"
        ssl_send_empty_frags: "enable"
        ssl_server_algorithm: "high"
        ssl_server_cipher_suites:
         -
            cipher: "TLS-AES-128-GCM-SHA256"
            priority: "79"
            versions: "ssl-3.0"
        ssl_server_max_version: "ssl-3.0"
```

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```
        ssl_server_min_version: "ssl-3.0"
        ssl_server_session_state_max: "83"
        ssl_server_session_state_timeout: "84"
        ssl_server_session_state_type: "disable"
        type: "static-nat"
        uuid: "<your_own_value>"
        weblogic_server: "disable"
        websphere_server: "disable"
```

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, 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_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*

5.125.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vip64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

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```
        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>"
```

5.125.6 Return Values

Common return values are documented: https://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_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*

5.126.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv4 virtual IP groups.
   fortios_firewall_vipgrp:
     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>"
```

5.126.6 Return Values

Common return values are documented: https://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_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*

5.127.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp46 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure IPv4 to IPv6 virtual IP groups.
    fortios_firewall_vipgrp46:
      vdom:  "{{ vdom }}"
```

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```
    state: "present"
    firewall_vipgrp46:
      color: "3"
      comments: "<your_own_value>"
      member:
       -
          name: "default_name_6 (source firewall.vip46.name)"
      name: "default_name_7"
      uuid: "<your_own_value>"
```

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, 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_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*

5.128.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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>"
```

5.128.6 Return Values

Common return values are documented: https://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_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*

5.129.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify firewall feature and vipgrp64 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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>"
```

5.129.6 Return Values

Common return values are documented: https://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_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*

5.130.1 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 v6.4.0

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: 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>"
        wildcard_fqdn: "<your_own_value>"
```

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, 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_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*

5.131.1 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 v6.4.0

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: 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>"
```

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, 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_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*

5.132.1 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 v6.4.0

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 explicit FTP proxy settings.
  fortios_ftp_proxy_explicit:
    vdom:  "{{ vdom }}"
    ftp_proxy_explicit:
      incoming_ip: "<your_own_value>"
      incoming_port: "<your_own_value>"
      outgoing_ip: "<your_own_value>"
      sec_default_action: "accept"
      ssl: "enable"
      ssl_algorithm: "high"
      ssl_cert: "<your_own_value> (source certificate.local.name)"
      ssl_dh_bits: "768"
      status: "enable"
```

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, 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_hardware_nic – Display NIC information in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 hardware feature and nic category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Display NIC information.
    fortios_hardware_nic:
      vdom:  "{{ vdom }}"
```

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```
    hardware_nic:
      <nic>: "<your_own_value>"
```

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, 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_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*

5.134.1 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 v6.4.0

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"
   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:
        icap_headers:
         -
            base64_encoding: "disable"
            content: "<your_own_value>"
            id:  "6"
            name: "default_name_7"
        methods: "delete"
        name: "default_name_9"
        preview: "disable"
        preview_data_length: "11"
        replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
        request: "disable"
        request_failure: "error"
        request_path: "<your_own_value>"
```

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```
        request_server: "<your_own_value> (source icap.server.name)"
        respmod_default_action: "forward"
        respmod_forward_rules:
         -
            action: "forward"
            header_group:
             -
                case_sensitivity: "disable"
                header: "<your_own_value>"
                header_name: "<your_own_value>"
                id:  "24"
            host: "myhostname (source firewall.address.name firewall.addrgrp.name␣
↪firewall.proxy-address.name)"
            http_resp_status_code:
             -
                code: "27"
            name: "default_name_28"
        response: "disable"
        response_failure: "error"
        response_path: "<your_own_value>"
        response_req_hdr: "disable"
        response_server: "<your_own_value> (source icap.server.name)"
        streaming_content_bypass: "disable"
```

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, 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_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*

5.135.1 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 v6.4.0

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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```
  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"
```

5.135.6 Return Values

Common return values are documented: https://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_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*

5.136.1 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 v6.4.0

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"
   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"
```

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```
        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>"
        signature: "<your_own_value>"
        status: "disable"
        tag: "<your_own_value>"
```

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, 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_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*

5.137.1 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 v6.4.0

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"
   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:
         -
```

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```
            name: "default_name_5"
            value: "<your_own_value>"
```

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, 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_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*

5.138.1 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 v6.4.0

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"
   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"
        packet_log_queue_depth: "11"
        session_limit_mode: "accurate"
        socket_size: "13"
        sync_session_ttl: "enable"
        traffic_submit: "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, 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_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*

5.139.1 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 v6.4.0

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"
   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"
```

5.139.6 Return Values

Common return values are documented: https://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_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*

5.140.1 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 v6.4.0

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"
   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"
```

5.140.6 Return Values

Common return values are documented: https://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_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*

5.141.1 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 v6.4.0

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"
   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"
            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>"
```

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```
            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"
        replacemsg_group: "<your_own_value> (source system.replacemsg-group.name)"
        scan_botnet_connections: "disable"
```

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, 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_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*

5.142.1 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 v6.4.0

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: 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"
```

5.142.6 Return Values

Common return values are documented: https://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_ips_view_map – configure ips view-ma in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 ips feature and view_map category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: configure ips view-map
    fortios_ips_view_map:
      vdom:  "{{ vdom }}"
      state: "present"
      ips_view_map:
        id:  "3"
        id_policy_id: "4"
        policy_id: "5"
```

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```
        vdom_id: "6"
        which: "firewall"
```

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, 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_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*

5.144.1 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 v6.4.0

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: 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>"
```

5.144.6 Return Values

Common return values are documented: https://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_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*

5.145.1 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 v6.4.0

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: 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"
        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"
        pattern: "enable"
        ppp: "enable"
        radius: "enable"
        severity: "emergency"
        sniffer_traffic: "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"
```

5.145.6 Return Values

Common return values are documented: https://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_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*

5.146.1 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 v6.4.0

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"
   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"
        uploaddir: "<your_own_value>"
        uploadip: "<your_own_value>"
        uploadpass: "<your_own_value>"
```

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```
        uploadport: "26"
        uploadsched: "disable"
        uploadtime: "<your_own_value>"
        uploadtype: "traffic"
        uploaduser: "<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, 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

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

5.147.1 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 v6.4.0

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: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure log event filters.
    fortios_log_eventfilter:
      vdom:  "{{ vdom }}"
      log_eventfilter:
        connector: "enable"
        endpoint: "enable"
        event: "enable"
        fortiextender: "enable"
        ha: "enable"
        router: "enable"
        sdwan: "enable"
        security_rating: "enable"
        system: "enable"
        user: "enable"
        vpn: "enable"
        wan_opt: "enable"
        wireless_activity: "enable"
```

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, 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

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

5.148.1 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 v6.4.0

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: Filters for FortiAnalyzer.
    fortios_log_fortianalyzer2_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer2_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_fortianalyzer2_override_filter – Override filters for FortiAnalyzer in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer2 feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override filters for FortiAnalyzer.
    fortios_log_fortianalyzer2_override_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer2_override_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_fortianalyzer2_override_setting – Override FortiAnalyzer settings in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer2 feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override FortiAnalyzer settings.
    fortios_log_fortianalyzer2_override_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer2_override_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        certificate_verification: "enable"
        conn_timeout: "6"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
        max_log_rate: "10"
        monitor_failure_retry_period: "11"
        monitor_keepalive_period: "12"
        priority: "default"
        reliable: "enable"
        serial:
         -
            name: "default_name_16"
        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"
```

5.150.6 Return Values

Common return values are documented: https://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_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*

5.151.1 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 v6.4.0

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: Global FortiAnalyzer settings.
    fortios_log_fortianalyzer2_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer2_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        certificate_verification: "enable"
        conn_timeout: "6"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
        max_log_rate: "10"
        monitor_failure_retry_period: "11"
        monitor_keepalive_period: "12"
        priority: "default"
        reliable: "enable"
        serial:
         -
            name: "default_name_16"
        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>"
```

5.151.6 Return Values

Common return values are documented: https://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_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*

5.152.1 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 v6.4.0

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: Filters for FortiAnalyzer.
    fortios_log_fortianalyzer3_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer3_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_fortianalyzer3_override_filter – Override filters for FortiAnalyzer in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer3 feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override filters for FortiAnalyzer.
    fortios_log_fortianalyzer3_override_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer3_override_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_fortianalyzer3_override_setting – Override FortiAnalyzer settings in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer3 feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Override FortiAnalyzer settings.
   fortios_log_fortianalyzer3_override_setting:
     vdom:  "{{ vdom }}"
     log_fortianalyzer3_override_setting:
       access_config: "enable"
       certificate: "<your_own_value> (source certificate.local.name)"
       certificate_verification: "enable"
       conn_timeout: "6"
       enc_algorithm: "high-medium"
       hmac_algorithm: "sha256"
       ips_archive: "enable"
       max_log_rate: "10"
       monitor_failure_retry_period: "11"
       monitor_keepalive_period: "12"
       priority: "default"
       reliable: "enable"
       serial:
        -
           name: "default_name_16"
       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"
```

5.154.6 Return Values

Common return values are documented: https://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_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*

5.155.1 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 v6.4.0

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: Global FortiAnalyzer settings.
    fortios_log_fortianalyzer3_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer3_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        certificate_verification: "enable"
        conn_timeout: "6"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
        max_log_rate: "10"
        monitor_failure_retry_period: "11"
        monitor_keepalive_period: "12"
        priority: "default"
        reliable: "enable"
        serial:
         -
            name: "default_name_16"
        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>"
```

5.155.6 Return Values

Common return values are documented: https://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_log_fortianalyzer_cloud_filter – Filters for FortiAnalyzer Cloud 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 log_fortianalyzer_cloud feature and filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Filters for FortiAnalyzer Cloud.
    fortios_log_fortianalyzer_cloud_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_cloud_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_fortianalyzer_cloud_override_filter – Override filters for FortiAnalyzer Cloud in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer_cloud feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for FortiAnalyzer Cloud.
  fortios_log_fortianalyzer_cloud_override_filter:
    vdom:  "{{ vdom }}"
    log_fortianalyzer_cloud_override_filter:
      anomaly: "enable"
      dlp_archive: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      severity: "emergency"
      sniffer_traffic: "enable"
      voip: "enable"
```

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, 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_log_fortianalyzer_cloud_override_setting – Override FortiAnalyzer Cloud settings in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer_cloud feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override FortiAnalyzer Cloud settings.
  fortios_log_fortianalyzer_cloud_override_setting:
    vdom:  "{{ vdom }}"
    log_fortianalyzer_cloud_override_setting:
      status: "enable"
```

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, 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_log_fortianalyzer_cloud_setting – Global FortiAnalyzer Cloud settings in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_fortianalyzer_cloud feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Global FortiAnalyzer Cloud settings.
    fortios_log_fortianalyzer_cloud_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_cloud_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        conn_timeout: "5"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
```

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```
        max_log_rate: "9"
        monitor_failure_retry_period: "10"
        monitor_keepalive_period: "11"
        priority: "default"
        source_ip: "84.230.14.43"
        ssl_min_proto_version: "default"
        status: "enable"
        upload_day: "<your_own_value>"
        upload_interval: "daily"
        upload_option: "store-and-upload"
        upload_time: "<your_own_value>"
```

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, 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_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*

5.160.1 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 v6.4.0

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: Filters for FortiAnalyzer.
    fortios_log_fortianalyzer_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
```

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```
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "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, 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_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*

5.161.1 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 v6.4.0

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: Override filters for FortiAnalyzer.
    fortios_log_fortianalyzer_override_filter:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_override_filter:
        anomaly: "enable"
        dlp_archive: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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.

5.162 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*

5.162.1 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 v6.4.0

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: Override FortiAnalyzer settings.
    fortios_log_fortianalyzer_override_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_override_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        certificate_verification: "enable"
        conn_timeout: "6"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
        max_log_rate: "10"
        monitor_failure_retry_period: "11"
        monitor_keepalive_period: "12"
        priority: "default"
        reliable: "enable"
        serial:
         -
            name: "default_name_16"
        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"
```

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```
        upload_time: "<your_own_value>"
        use_management_vdom: "enable"
```

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, 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_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*

5.163.1 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 v6.4.0

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: Global FortiAnalyzer settings.
    fortios_log_fortianalyzer_setting:
      vdom:  "{{ vdom }}"
      log_fortianalyzer_setting:
        access_config: "enable"
        certificate: "<your_own_value> (source certificate.local.name)"
        certificate_verification: "enable"
        conn_timeout: "6"
        enc_algorithm: "high-medium"
        hmac_algorithm: "sha256"
        ips_archive: "enable"
        max_log_rate: "10"
        monitor_failure_retry_period: "11"
        monitor_keepalive_period: "12"
        priority: "default"
        reliable: "enable"
        serial:
         -
            name: "default_name_16"
```

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```
        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>"
```

5.163.6 Return Values

Common return values are documented: https://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

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- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel 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_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*

5.164.1 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 v6.4.0

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: Filters for FortiCloud.
    fortios_log_fortiguard_filter:
      vdom:  "{{ vdom }}"
      log_fortiguard_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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)
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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.

5.165 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*

5.165.1 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 v6.4.0

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: Override filters for FortiCloud.
    fortios_log_fortiguard_override_filter:
      vdom:  "{{ vdom }}"
      log_fortiguard_override_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_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*

5.166.1 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 v6.4.0

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: Override global FortiCloud logging settings for this VDOM.
    fortios_log_fortiguard_override_setting:
      vdom:  "{{ vdom }}"
      log_fortiguard_override_setting:
        max_log_rate: "3"
        override: "enable"
        priority: "default"
        status: "enable"
        upload_day: "<your_own_value>"
        upload_interval: "daily"
        upload_option: "store-and-upload"
        upload_time: "<your_own_value>"
```

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, 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_log_fortiguard_setting – Configure logging to FortiCloud 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 log_fortiguard feature and setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 logging to FortiCloud.
    fortios_log_fortiguard_setting:
      vdom:  "{{ vdom }}"
      log_fortiguard_setting:
        conn_timeout: "3"
        enc_algorithm: "high-medium"
        max_log_rate: "5"
        priority: "default"
        source_ip: "84.230.14.43"
        ssl_min_proto_version: "default"
        status: "enable"
        upload_day: "<your_own_value>"
        upload_interval: "daily"
        upload_option: "store-and-upload"
        upload_time: "<your_own_value>"
```

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, 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_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*

5.168.1 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 v6.4.0

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 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"
```

5.168.6 Return Values

Common return values are documented: https://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_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*

5.169.1 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 v6.4.0

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"
   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"
        event: "enable"
```

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```
        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"
        pattern: "enable"
        ppp: "enable"
        radius: "enable"
        severity: "emergency"
        sniffer_traffic: "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"
```

5.169.6 Return Values

Common return values are documented: https://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

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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.

5.170 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*

5.170.1 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 v6.4.0

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"
```

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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"
```

5.170.6 Return Values

Common return values are documented: https://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_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*

5.171.1 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 v6.4.0

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: Settings for memory buffer.
    fortios_log_memory_setting:
      vdom:  "{{ vdom }}"
      log_memory_setting:
        diskfull: "overwrite"
        status: "enable"
```

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, 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_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*

5.172.1 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 v6.4.0

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: Filters for null device logging.
    fortios_log_null_device_filter:
      vdom:  "{{ vdom }}"
      log_null_device_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_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*

5.173.1 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 v6.4.0

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"
   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"
```

5.173.6 Return Values

Common return values are documented: https://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_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*

5.174.1 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 v6.4.0

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"
```

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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"
       faz_override: "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_user_in_upper: "enable"
       neighbor_event: "enable"
       resolve_ip: "enable"
       resolve_port: "enable"
       syslog_override: "enable"
       user_anonymize: "enable"
```

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, 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_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*

5.175.1 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 v6.4.0

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: Filters for remote system server.
    fortios_log_syslogd2_filter:
      vdom:  "{{ vdom }}"
      log_syslogd2_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_syslogd2_override_filter – Override filters for remote system server in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_syslogd2 feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Override filters for remote system server.
  fortios_log_syslogd2_override_filter:
    vdom:  "{{ vdom }}"
    log_syslogd2_override_filter:
      anomaly: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      severity: "emergency"
      sniffer_traffic: "enable"
      voip: "enable"
```

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, 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_log_syslogd2_override_setting – Override settings for remote syslog server in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 log_syslogd2 feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override settings for remote syslog server.
    fortios_log_syslogd2_override_setting:
```

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```
    vdom:  "{{ vdom }}"
    log_syslogd2_override_setting:
      certificate: "<your_own_value> (source certificate.local.name)"
      custom_field_name:
       -
          custom: "<your_own_value>"
          id:  "6"
          name: "default_name_7"
      enc_algorithm: "high-medium"
      facility: "kernel"
      format: "default"
      max_log_rate: "11"
      mode: "udp"
      port: "13"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

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, 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_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*

5.178.1 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 v6.4.0

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"
   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:
```

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```
    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"
      max_log_rate: "11"
      mode: "udp"
      port: "13"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "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, 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_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*

5.179.1 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 v6.4.0

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"
   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:
```

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```
    vdom:  "{{ vdom }}"
    log_syslogd3_filter:
      anomaly: "enable"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      severity: "emergency"
      sniffer_traffic: "enable"
      voip: "enable"
```

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, 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_log_syslogd3_override_filter – Override filters for remote system server 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 log_syslogd3 feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Override filters for remote system server.
    fortios_log_syslogd3_override_filter:
      vdom:  "{{ vdom }}"
      log_syslogd3_override_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
```

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```
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_syslogd3_override_setting – Override settings for remote syslog server 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 log_syslogd3 feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Override settings for remote syslog server.
    fortios_log_syslogd3_override_setting:
      vdom:  "{{ vdom }}"
      log_syslogd3_override_setting:
        certificate: "<your_own_value> (source certificate.local.name)"
        custom_field_name:
         -
            custom: "<your_own_value>"
            id:  "6"
            name: "default_name_7"
        enc_algorithm: "high-medium"
        facility: "kernel"
        format: "default"
        max_log_rate: "11"
        mode: "udp"
        port: "13"
        priority: "default"
        server: "192.168.100.40"
        source_ip: "84.230.14.43"
```

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```
        ssl_min_proto_version: "default"
        status: "enable"
```

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, 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_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*

5.182.1 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 v6.4.0

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: 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"
        max_log_rate: "11"
        mode: "udp"
        port: "13"
        priority: "default"
        server: "192.168.100.40"
        source_ip: "84.230.14.43"
```

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```
        ssl_min_proto_version: "default"
        status: "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, 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_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*

5.183.1 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 v6.4.0

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: Filters for remote system server.
    fortios_log_syslogd4_filter:
      vdom:  "{{ vdom }}"
      log_syslogd4_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_syslogd4_override_filter – Override filters for remote system server 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 log_syslogd4 feature and override_filter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override filters for remote system server.
    fortios_log_syslogd4_override_filter:
      vdom:  "{{ vdom }}"
      log_syslogd4_override_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_log_syslogd4_override_setting – Override settings for remote syslog server 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 log_syslogd4 feature and override_setting category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Override settings for remote syslog server.
    fortios_log_syslogd4_override_setting:
      vdom:  "{{ vdom }}"
      log_syslogd4_override_setting:
        certificate: "<your_own_value> (source certificate.local.name)"
        custom_field_name:
         -
            custom: "<your_own_value>"
            id:  "6"
            name: "default_name_7"
        enc_algorithm: "high-medium"
        facility: "kernel"
        format: "default"
        max_log_rate: "11"
        mode: "udp"
        port: "13"
        priority: "default"
        server: "192.168.100.40"
        source_ip: "84.230.14.43"
        ssl_min_proto_version: "default"
        status: "enable"
```

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, 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_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*

5.186.1 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 v6.4.0

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"
   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"
        max_log_rate: "11"
        mode: "udp"
        port: "13"
        priority: "default"
        server: "192.168.100.40"
        source_ip: "84.230.14.43"
        ssl_min_proto_version: "default"
        status: "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, 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_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*

5.187.1 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 v6.4.0

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: Filters for remote system server.
    fortios_log_syslogd_filter:
      vdom:  "{{ vdom }}"
      log_syslogd_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_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*

5.188.1 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 v6.4.0

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"
```

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```
  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"
      filter: "<your_own_value>"
      filter_type: "include"
      forward_traffic: "enable"
      gtp: "enable"
      local_traffic: "enable"
      multicast_traffic: "enable"
      severity: "emergency"
      sniffer_traffic: "enable"
      voip: "enable"
```

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, 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_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*

5.189.1 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 v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Override settings for remote syslog server.
    fortios_log_syslogd_override_setting:
```

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```
    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"
      max_log_rate: "11"
      mode: "udp"
      port: "13"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

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, 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_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*

5.190.1 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 v6.4.0

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: Global settings for remote syslog server.
    fortios_log_syslogd_setting:
```

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```
    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"
      max_log_rate: "11"
      mode: "udp"
      port: "13"
      priority: "default"
      server: "192.168.100.40"
      source_ip: "84.230.14.43"
      ssl_min_proto_version: "default"
      status: "enable"
```

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, 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_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*

5.191.1 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 v6.4.0

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 threat weight settings.
    fortios_log_threat_weight:
```

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```
    vdom:  "{{ vdom }}"
    log_threat_weight:
      application:
       -
          category: "4"
          id:  "5"
          level: "disable"
      blocked_connection: "disable"
      botnet_connection_detected: "disable"
      failed_connection: "disable"
      geolocation:
       -
          country: "<your_own_value>"
          id:  "12"
          level: "disable"
      ips:
          critical_severity: "disable"
          high_severity: "disable"
          info_severity: "disable"
          low_severity: "disable"
          medium_severity: "disable"
      level:
          critical: "21"
          high: "22"
          low: "23"
          medium: "24"
      malware:
          command_blocked: "disable"
          content_disarm: "disable"
          file_blocked: "disable"
          fsa_high_risk: "disable"
          fsa_malicious: "disable"
          fsa_medium_risk: "disable"
          malware_list: "disable"
          mimefragmented: "disable"
          oversized: "disable"
          switch_proto: "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: "43"
          id:  "44"
          level: "disable"
```

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, the following are the fields unique to this module:

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_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*

5.192.1 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 v6.4.0

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: Filters for WebTrends.
    fortios_log_webtrends_filter:
      vdom:  "{{ vdom }}"
      log_webtrends_filter:
        anomaly: "enable"
        filter: "<your_own_value>"
        filter_type: "include"
        forward_traffic: "enable"
        gtp: "enable"
        local_traffic: "enable"
        multicast_traffic: "enable"
        severity: "emergency"
        sniffer_traffic: "enable"
        voip: "enable"
```

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, 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_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*

5.193.1 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 v6.4.0

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: Settings for WebTrends.
    fortios_log_webtrends_setting:
      vdom:  "{{ vdom }}"
      log_webtrends_setting:
        server: "192.168.100.40"
        status: "enable"
```

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, 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_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*

5.194.1 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

5.194.2 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: no
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 80
  tasks:
  - name: Add a FortiCare license.
    fortios_registration_forticare:
      vdom:  "{{ vdom }}"
```

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```
    registration_forticare:
      registration_code: "<your_own_value>"
```

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, 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

- 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.

5.195 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*

5.195.1 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

5.195.2 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: 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>"
```

5.195.6 Return Values

Common return values are documented: https://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

- 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.

5.196 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*

5.196.1 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 v6.4.0

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: 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"
            status: "enable"
        favorite: "no"
        graph_type: "none"
        legend: "enable"
        legend_font_size: "33"
        name: "default_name_34"
        period: "last24h"
```

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```
        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>"
```

5.196.6 Return Values

Common return values are documented: https://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_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*

5.197.1 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 v6.4.0

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: 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>"
```

5.197.6 Return Values

Common return values are documented: https://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_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*

5.198.1 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 v6.4.0

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: 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>"
```

5.198.6 Return Values

Common return values are documented: https://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_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*

5.199.1 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 v6.4.0

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: 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"
```

5.199.6 Return Values

Common return values are documented: https://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_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*

5.200.1 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 v6.4.0

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: 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>"
```

5.200.6 Return Values

Common return values are documented: https://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_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*

5.201.1 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 v6.4.0

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: 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>"
```

5.201.6 Return Values

Common return values are documented: https://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_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*

5.202.1 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 v6.4.0

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 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>"
```

5.202.6 Return Values

Common return values are documented: https://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_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*

5.203.1 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 v6.4.0

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: 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>"
```

5.203.6 Return Values

Common return values are documented: https://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_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*

5.204.1 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 v6.4.0

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"
```

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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>"
```

5.204.6 Return Values

Common return values are documented: https://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_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*

5.205.1 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 v6.4.0

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 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"
```

5.205.6 Return Values

Common return values are documented: https://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_router_bfd – Configure BFD in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.206.1 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 v6.4.0

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 BFD.
    fortios_router_bfd:
      vdom:  "{{ vdom }}"
      router_bfd:
        neighbor:
         -
            interface: "<your_own_value> (source system.interface.name)"
            ip: "<your_own_value>"
```

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, 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_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*

5.207.1 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 v6.4.0

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 IPv6 BFD.
    fortios_router_bfd6:
      vdom:  "{{ vdom }}"
      router_bfd6:
        neighbor:
         -
            interface: "<your_own_value> (source system.interface.name)"
            ip6_address: "<your_own_value>"
```

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, 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_router_bgp – Configure BGP in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.208.1 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 v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure BGP.
    fortios_router_bgp:
      vdom:  "{{ vdom }}"
      router_bgp:
        additional_path: "enable"
        additional_path_select: "4"
        additional_path_select6: "5"
        additional_path6: "enable"
        admin_distance:
         -
            distance: "8"
            id:  "9"
            neighbour_prefix: "<your_own_value>"
            route_list: "<your_own_value> (source router.access-list.name)"
        aggregate_address:
         -
            as_set: "enable"
            id:  "14"
            prefix: "<your_own_value>"
            summary_only: "enable"
        aggregate_address6:
         -
            as_set: "enable"
            id:  "19"
            prefix6: "<your_own_value>"
            summary_only: "enable"
        always_compare_med: "enable"
        as: "23"
        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: "31"
        confederation_peers:
         -
            peer: "<your_own_value>"
        dampening: "enable"
        dampening_max_suppress_time: "35"
        dampening_reachability_half_life: "36"
        dampening_reuse: "37"
        dampening_route_map: "<your_own_value> (source router.route-map.name)"
        dampening_suppress: "39"
```

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```
        dampening_unreachability_half_life: "40"
        default_local_preference: "41"
        deterministic_med: "enable"
        distance_external: "43"
        distance_internal: "44"
        distance_local: "45"
        ebgp_multipath: "enable"
        enforce_first_as: "enable"
        fast_external_failover: "enable"
        graceful_end_on_timer: "enable"
        graceful_restart: "enable"
        graceful_restart_time: "51"
        graceful_stalepath_time: "52"
        graceful_update_delay: "53"
        holdtime_timer: "54"
        ibgp_multipath: "enable"
        ignore_optional_capability: "enable"
        keepalive_timer: "57"
        log_neighbour_changes: "enable"
        neighbor:
         -
            activate: "enable"
            activate6: "enable"
            additional_path: "send"
            additional_path6: "send"
            adv_additional_path: "64"
            adv_additional_path6: "65"
            advertisement_interval: "66"
            allowas_in: "67"
            allowas_in_enable: "enable"
            allowas_in_enable6: "enable"
            allowas_in6: "70"
            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_routemap: "<your_own_value> (source router.route-map.name)"
                condition_routemap: "<your_own_value> (source router.route-map.name)"
                condition_type: "exist"
            connect_timer: "88"
            default_originate_routemap: "<your_own_value> (source router.route-map.
↪name)"
            default_originate_routemap6: "<your_own_value> (source router.route-map.
↪name)"
            description: "<your_own_value>"
            distribute_list_in: "<your_own_value> (source router.access-list.name)"
```

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```
            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: "98"
            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: "103"
            interface: "<your_own_value> (source system.interface.name)"
            ip: "<your_own_value>"
            keep_alive_timer: "106"
            link_down_failover: "enable"
            local_as: "108"
            local_as_no_prepend: "enable"
            local_as_replace_as: "enable"
            maximum_prefix: "111"
            maximum_prefix_threshold: "112"
            maximum_prefix_threshold6: "113"
            maximum_prefix_warning_only: "enable"
            maximum_prefix_warning_only6: "enable"
            maximum_prefix6: "116"
            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: "126"
            remove_private_as: "enable"
            remove_private_as6: "enable"
            restart_time: "129"
            retain_stale_time: "130"
            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_out_preferable: "<your_own_value> (source router.route-map.name)
↪"
            route_map_out6: "<your_own_value> (source router.route-map.name)"
            route_map_out6_preferable: "<your_own_value> (source router.route-map.
↪name)"
            route_reflector_client: "enable"
            route_reflector_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"
```

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```
            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: "151"
        neighbor_group:
         -
            activate: "enable"
            activate6: "enable"
            additional_path: "send"
            additional_path6: "send"
            adv_additional_path: "157"
            adv_additional_path6: "158"
            advertisement_interval: "159"
            allowas_in: "160"
            allowas_in_enable: "enable"
            allowas_in_enable6: "enable"
            allowas_in6: "163"
            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: "177"
            default_originate_routemap: "<your_own_value> (source router.route-map.
↪name)"
            default_originate_routemap6: "<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: "187"
            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: "192"
            interface: "<your_own_value> (source system.interface.name)"
            keep_alive_timer: "194"
            link_down_failover: "enable"
            local_as: "196"
            local_as_no_prepend: "enable"
            local_as_replace_as: "enable"
            maximum_prefix: "199"
            maximum_prefix_threshold: "200"
            maximum_prefix_threshold6: "201"
```

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```
            maximum_prefix_warning_only: "enable"
            maximum_prefix_warning_only6: "enable"
            maximum_prefix6: "204"
            name: "default_name_205"
            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: "214"
            remove_private_as: "enable"
            remove_private_as6: "enable"
            restart_time: "217"
            retain_stale_time: "218"
            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_out_preferable: "<your_own_value> (source router.route-map.name)
↪"
            route_map_out6: "<your_own_value> (source router.route-map.name)"
            route_map_out6_preferable: "<your_own_value> (source router.route-map.
↪name)"
            route_reflector_client: "enable"
            route_reflector_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: "239"
        neighbor_range:
         -
            id:  "241"
            max_neighbor_num: "242"
            neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name)"
            prefix: "<your_own_value>"
        neighbor_range6:
         -
            id:  "246"
            max_neighbor_num: "247"
            neighbor_group: "<your_own_value> (source router.bgp.neighbor-group.name)"
            prefix6: "<your_own_value>"
        network:
         -
            backdoor: "enable"
            id:  "252"
            prefix: "<your_own_value>"
```

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```
            route_map: "<your_own_value> (source router.route-map.name)"
        network_import_check: "enable"
        network6:
         -
            backdoor: "enable"
            id:  "258"
            prefix6: "<your_own_value>"
            route_map: "<your_own_value> (source router.route-map.name)"
        redistribute:
         -
            name: "default_name_262"
            route_map: "<your_own_value> (source router.route-map.name)"
            status: "enable"
        redistribute6:
         -
            name: "default_name_266"
            route_map: "<your_own_value> (source router.route-map.name)"
            status: "enable"
        router_id: "<your_own_value>"
        scan_time: "270"
        synchronization: "enable"
        vrf_leak:
         -
            target:
             -
                interface: "<your_own_value> (source system.interface.name)"
                route_map: "<your_own_value> (source router.route-map.name)"
                vrf: "<your_own_value>"
            vrf: "<your_own_value>"
```

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, 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_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*

5.209.1 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 v6.4.0

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 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"
```

5.209.6 Return Values

Common return values are documented: https://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_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*

5.210.1 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 v6.4.0

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"
```

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```
  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_l1: "<your_own_value> (source router.key-chain.name)"
       auth_keychain_l2: "<your_own_value> (source router.key-chain.name)"
       auth_mode_l1: "password"
       auth_mode_l2: "password"
       auth_password_l1: "<your_own_value>"
       auth_password_l2: "<your_own_value>"
       auth_sendonly_l1: "enable"
       auth_sendonly_l2: "enable"
       default_originate: "enable"
       default_originate6: "enable"
       dynamic_hostname: "enable"
       ignore_lsp_errors: "enable"
       is_type: "level-1-2"
       isis_interface:
        -
           auth_keychain_l1: "<your_own_value> (source router.key-chain.name)"
           auth_keychain_l2: "<your_own_value> (source router.key-chain.name)"
           auth_mode_l1: "md5"
           auth_mode_l2: "md5"
           auth_password_l1: "<your_own_value>"
           auth_password_l2: "<your_own_value>"
           auth_send_only_l1: "enable"
           auth_send_only_l2: "enable"
           circuit_type: "level-1-2"
           csnp_interval_l1: "30"
           csnp_interval_l2: "31"
           hello_interval_l1: "32"
           hello_interval_l2: "33"
           hello_multiplier_l1: "34"
           hello_multiplier_l2: "35"
           hello_padding: "enable"
           lsp_interval: "37"
           lsp_retransmit_interval: "38"
           mesh_group: "enable"
           mesh_group_id: "40"
           metric_l1: "41"
           metric_l2: "42"
           name: "default_name_43 (source system.interface.name)"
           network_type: "broadcast"
           priority_l1: "45"
           priority_l2: "46"
           status: "enable"
           status6: "enable"
           wide_metric_l1: "49"
           wide_metric_l2: "50"
```

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```
        isis_net:
         -
            id:  "52"
            net: "<your_own_value>"
        lsp_gen_interval_l1: "54"
        lsp_gen_interval_l2: "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_l1: "enable"
        redistribute_l1_list: "<your_own_value> (source router.access-list.name)"
        redistribute_l2: "enable"
        redistribute_l2_list: "<your_own_value> (source router.access-list.name)"
        redistribute6:
         -
            level: "level-1-2"
            metric: "75"
            metric_type: "external"
            protocol: "<your_own_value>"
            routemap: "<your_own_value> (source router.route-map.name)"
            status: "enable"
        redistribute6_l1: "enable"
        redistribute6_l1_list: "<your_own_value> (source router.access-list6.name)"
        redistribute6_l2: "enable"
        redistribute6_l2_list: "<your_own_value> (source router.access-list6.name)"
        spf_interval_exp_l1: "<your_own_value>"
        spf_interval_exp_l2: "<your_own_value>"
        summary_address:
         -
            id:  "87"
            level: "level-1-2"
            prefix: "<your_own_value>"
        summary_address6:
         -
            id:  "91"
            level: "level-1-2"
            prefix6: "<your_own_value>"
```

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, 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_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*

5.211.1 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 v6.4.0

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 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>"
            send_lifetime: "<your_own_value>"
        name: "default_name_8"
```

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, 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_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*

5.212.1 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 v6.4.0

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 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"
                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"
            rpf_nbr_fail_back: "enable"
            rpf_nbr_fail_back_filter: "<your_own_value> (source router.access-list.
↪name)"
            state_refresh_interval: "33"
            static_group: "<your_own_value> (source router.multicast-flow.name)"
            ttl_threshold: "35"
        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)"
```

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```
            bsr_allow_quick_refresh: "enable"
            bsr_candidate: "enable"
            bsr_hash: "42"
            bsr_interface: "<your_own_value> (source system.interface.name)"
            bsr_priority: "44"
            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: "49"
            message_interval: "50"
            null_register_retries: "51"
            register_rate_limit: "52"
            register_rp_reachability: "enable"
            register_source: "disable"
            register_source_interface: "<your_own_value> (source system.interface.
↪name)"
            register_source_ip: "<your_own_value>"
            register_supression: "57"
            rp_address:
             -
                group: "<your_own_value> (source router.access-list.name)"
                id:  "60"
                ip_address: "<your_own_value>"
            rp_register_keepalive: "62"
            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: "67"
        route_threshold: "68"
```

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, 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_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*

5.213.1 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 v6.4.0

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 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>"
```

5.213.6 Return Values

Common return values are documented: https://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_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*

5.214.1 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 v6.4.0

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"
```

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```
  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"
```

5.214.6 Return Values

Common return values are documented: https://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_router_ospf – Configure OSPF in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.215.1 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 v6.4.0

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 OSPF.
    fortios_router_ospf:
      vdom:  "{{ vdom }}"
```

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```
      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_keychain: "<your_own_value> (source router.key-chain.name)"
                md5_keys:
                 -
                    id:  "33"
                    key_string: "<your_own_value>"
                name: "default_name_35"
                peer: "<your_own_value>"
                retransmit_interval: "37"
                transmit_delay: "38"
        auto_cost_ref_bandwidth: "39"
        bfd: "enable"
        database_overflow: "enable"
        database_overflow_max_lsas: "42"
        database_overflow_time_to_recover: "43"
        default_information_metric: "44"
        default_information_metric_type: "1"
        default_information_originate: "enable"
        default_information_route_map: "<your_own_value> (source router.route-map.
↪name)"
        default_metric: "48"
        distance: "49"
        distance_external: "50"
        distance_inter_area: "51"
```

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```
        distance_intra_area: "52"
        distribute_list:
         -
            access_list: "<your_own_value> (source router.access-list.name)"
            id:  "55"
            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: "61"
            id:  "62"
            ip: "<your_own_value>"
            poll_interval: "64"
            priority: "65"
        network:
         -
            area: "<your_own_value>"
            id:  "68"
            prefix: "<your_own_value>"
        ospf_interface:
         -
            authentication: "none"
            authentication_key: "<your_own_value>"
            bfd: "global"
            cost: "74"
            database_filter_out: "enable"
            dead_interval: "76"
            hello_interval: "77"
            hello_multiplier: "78"
            interface: "<your_own_value> (source system.interface.name)"
            ip: "<your_own_value>"
            md5_keychain: "<your_own_value> (source router.key-chain.name)"
            md5_keys:
             -
                id:  "83"
                key_string: "<your_own_value>"
            mtu: "85"
            mtu_ignore: "enable"
            name: "default_name_87"
            network_type: "broadcast"
            prefix_length: "89"
            priority: "90"
            resync_timeout: "91"
            retransmit_interval: "92"
            status: "disable"
            transmit_delay: "94"
        passive_interface:
         -
            name: "default_name_96 (source system.interface.name)"
        redistribute:
         -
            metric: "98"
            metric_type: "1"
            name: "default_name_100"
```

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```
            routemap: "<your_own_value> (source router.route-map.name)"
            status: "enable"
            tag: "103"
        restart_mode: "none"
        restart_period: "105"
        rfc1583_compatible: "enable"
        router_id: "<your_own_value>"
        spf_timers: "<your_own_value>"
        summary_address:
         -
            advertise: "disable"
            id:  "111"
            prefix: "<your_own_value>"
            tag: "113"
```

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, 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_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*

5.216.1 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 v6.4.0

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 IPv6 OSPF.
    fortios_router_ospf6:
      vdom:  "{{ vdom }}"
      router_ospf6:
        abr_type: "cisco"
        area:
         -
```

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```
            authentication: "none"
            default_cost: "6"
            id:  "7"
            ipsec_auth_alg: "md5"
            ipsec_enc_alg: "null"
            ipsec_keys:
             -
                auth_key: "<your_own_value>"
                enc_key: "<your_own_value>"
                spi: "13"
            key_rollover_interval: "14"
            nssa_default_information_originate: "enable"
            nssa_default_information_originate_metric: "16"
            nssa_default_information_originate_metric_type: "1"
            nssa_redistribution: "enable"
            nssa_translator_role: "candidate"
            range:
             -
                advertise: "disable"
                id:  "22"
                prefix6: "<your_own_value>"
            stub_type: "no-summary"
            type: "regular"
            virtual_link:
             -
                authentication: "none"
                dead_interval: "28"
                hello_interval: "29"
                ipsec_auth_alg: "md5"
                ipsec_enc_alg: "null"
                ipsec_keys:
                 -
                    auth_key: "<your_own_value>"
                    enc_key: "<your_own_value>"
                    spi: "35"
                key_rollover_interval: "36"
                name: "default_name_37"
                peer: "<your_own_value>"
                retransmit_interval: "39"
                transmit_delay: "40"
        auto_cost_ref_bandwidth: "41"
        bfd: "enable"
        default_information_metric: "43"
        default_information_metric_type: "1"
        default_information_originate: "enable"
        default_information_route_map: "<your_own_value> (source router.route-map.
↪name)"
        default_metric: "47"
        log_neighbour_changes: "enable"
        ospf6_interface:
         -
            area_id: "<your_own_value>"
            authentication: "none"
            bfd: "global"
            cost: "53"
            dead_interval: "54"
            hello_interval: "55"
```

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```
            interface: "<your_own_value> (source system.interface.name)"
            ipsec_auth_alg: "md5"
            ipsec_enc_alg: "null"
            ipsec_keys:
             -
                auth_key: "<your_own_value>"
                enc_key: "<your_own_value>"
                spi: "62"
            key_rollover_interval: "63"
            mtu: "64"
            mtu_ignore: "enable"
            name: "default_name_66"
            neighbor:
             -
                cost: "68"
                ip6: "<your_own_value>"
                poll_interval: "70"
                priority: "71"
            network_type: "broadcast"
            priority: "73"
            retransmit_interval: "74"
            status: "disable"
            transmit_delay: "76"
        passive_interface:
         -
            name: "default_name_78 (source system.interface.name)"
        redistribute:
         -
            metric: "80"
            metric_type: "1"
            name: "default_name_82"
            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:  "89"
            prefix6: "<your_own_value>"
            tag: "91"
```

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, 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_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*

5.217.1 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 datasources before usage. Tested with FOS v6.4.0

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 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)"
        input_device_negate: "enable"
        internet_service_custom:
         -
            name: "default_name_17 (source firewall.internet-service-custom.name)"
        internet_service_id:
         -
            id:  "19 (source firewall.internet-service.id)"
        output_device: "<your_own_value> (source system.interface.name)"
        protocol: "21"
        seq_num: "22"
        src:
         -
            subnet: "<your_own_value>"
```

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```
        src_negate: "enable"
        srcaddr:
         -
            name: "default_name_27 (source firewall.address.name firewall.addrgrp.
↪name)"
        start_port: "28"
        start_source_port: "29"
        status: "enable"
        tos: "<your_own_value>"
        tos_mask: "<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, 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_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*

5.218.1 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 v6.4.0

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 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:
```

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```
        -
            name: "default_name_8 (source system.interface.name)"
        output_device: "<your_own_value> (source system.interface.name)"
        protocol: "10"
        seq_num: "11"
        src: "<your_own_value>"
        start_port: "13"
        status: "enable"
        tos: "<your_own_value>"
        tos_mask: "<your_own_value>"
```

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, 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_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*

5.219.1 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 v6.4.0

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 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"
```

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```
            flags: "7"
            ge: "8"
            id:  "9"
            le: "10"
            prefix: "<your_own_value>"
```

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, 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_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*

5.220.1 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 v6.4.0

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"
   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>"
```

5.220.6 Return Values

Common return values are documented: https://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_router_rip – Configure RIP in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.221.1 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 v6.4.0

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 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"
```

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```
            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)"
        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"
```

5.221.6 Return Values

Common return values are documented: https://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_router_ripng – Configure RIPng in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.222.1 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 v6.4.0

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 RIPng.
    fortios_router_ripng:
      vdom:  "{{ vdom }}"
      router_ripng:
        aggregate_address:
         -
            id:  "4"
            prefix6: "<your_own_value>"
        default_information_originate: "enable"
        default_metric: "7"
        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"
```

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```
            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"
```

5.222.6 Return Values

Common return values are documented: https://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_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*

5.223.1 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 v6.4.0

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 route maps.
    fortios_router_route_map:
      vdom:  "{{ vdom }}"
      state: "present"
      router_route_map:
        comments: "<your_own_value>"
```

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```
        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"
            match_vrf: "21"
            set_aggregator_as: "22"
            set_aggregator_ip: "<your_own_value>"
            set_aspath:
             -
                as: "<your_own_value>"
            set_aspath_action: "prepend"
            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: "32"
            set_dampening_reachability_half_life: "33"
            set_dampening_reuse: "34"
            set_dampening_suppress: "35"
            set_dampening_unreachability_half_life: "36"
            set_extcommunity_rt:
             -
                community: "<your_own_value>"
            set_extcommunity_soo:
             -
                community: "<your_own_value>"
            set_flags: "41"
            set_ip_nexthop: "<your_own_value>"
            set_ip6_nexthop: "<your_own_value>"
            set_ip6_nexthop_local: "<your_own_value>"
            set_local_preference: "45"
            set_metric: "46"
            set_metric_type: "1"
            set_origin: "none"
            set_originator_id: "<your_own_value>"
            set_route_tag: "50"
```

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```
            set_tag: "51"
            set_weight: "52"
```

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, 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_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*

5.224.1 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 datasources before usage. Tested with FOS v6.4.0

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 router settings.
    fortios_router_setting:
      vdom:  "{{ vdom }}"
      router_setting:
        hostname: "myhostname"
        show_filter: "<your_own_value> (source router.prefix-list.name)"
```

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, 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_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*

5.225.1 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 v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure IPv4 static routing tables.
    fortios_router_static:
      vdom:  "{{ vdom }}"
      state: "present"
      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"
```

5.225.6 Return Values

Common return values are documented: https://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_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*

5.226.1 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 datasources before usage. Tested with FOS v6.4.0

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: 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>"
        link_monitor_exempt: "enable"
        priority: "12"
        seq_num: "13"
        status: "enable"
        virtual_wan_link: "enable"
```

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, 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_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*

5.227.1 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 v6.4.0

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"
   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"
        file_filter:
            entries:
             -
                action: "log"
                comment: "Comment."
                direction: "incoming"
                file_type:
                 -
                    name: "default_name_11 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
                password_protected: "yes"
            log: "enable"
            scan_archive_contents: "enable"
            status: "enable"
        log: "x11"
        name: "default_name_18"
        shell_commands:
         -
            action: "block"
            alert: "enable"
            id:  "22"
            log: "enable"
            pattern: "<your_own_value>"
            severity: "low"
            type: "simple"
```

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, 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_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*

5.228.1 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 v6.4.0

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: 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"
        tx_period: "6"
```

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, 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_switch_controller_auto_config_custom – Policies which can override the 'default' for specific ISL/ICL/FortiLink interface in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 switch_controller_auto_config feature and custom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Policies which can override the 'default' for specific ISL/ICL/FortiLink␣
↪interface.
    fortios_switch_controller_auto_config_custom:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_auto_config_custom:
        name: "default_name_3"
        switch_binding:
         -
            policy: "<your_own_value> (source switch-controller.auto-config.policy.
↪name)"
            switch_id: "<your_own_value>"
```

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, 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_switch_controller_auto_config_default – Policies which are applied automatically to all ISL/ICL/FortiLink interfaces in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 switch_controller_auto_config feature and default category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Policies which are applied automatically to all ISL/ICL/FortiLink␣
↪interfaces.
   fortios_switch_controller_auto_config_default:
     vdom:  "{{ vdom }}"
     switch_controller_auto_config_default:
       fgt_policy: "<your_own_value> (source switch-controller.auto-config.policy.
↪name)"
       icl_policy: "<your_own_value> (source switch-controller.auto-config.policy.
↪name)"
       isl_policy: "<your_own_value> (source switch-controller.auto-config.policy.
↪name)"
```

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, 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_switch_controller_auto_config_policy – Policy definitions which can define the behavior on auto configured interfaces in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 switch_controller_auto_config feature and policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Policy definitions which can define the behavior on auto configured␣
↪interfaces.
    fortios_switch_controller_auto_config_policy:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    switch_controller_auto_config_policy:
      igmp_flood_report: "enable"
      igmp_flood_traffic: "enable"
      name: "default_name_5"
      poe_status: "enable"
      qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.name)"
      storm_control_policy: "<your_own_value> (source switch-controller.storm-
↪control-policy.name)"
```

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, 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_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*

5.232.1 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 v6.4.0

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 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>"
```

5.232.6 Return Values

Common return values are documented: https://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_switch_controller_flow_tracking – Configure FortiSwitch flow tracking and export via ipfix/netflow 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 switch_controller feature and flow_tracking category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure FortiSwitch flow tracking and export via ipfix/netflow.
    fortios_switch_controller_flow_tracking:
      vdom:  "{{ vdom }}"
      switch_controller_flow_tracking:
        aggregates:
         -
            id:  "4"
            ip: "<your_own_value>"
        collector_ip: "<your_own_value>"
        collector_port: "7"
        format: "netflow1"
        level: "vlan"
        max_export_pkt_size: "10"
        sample_mode: "local"
        sample_rate: "12"
        timeout_general: "13"
        timeout_icmp: "14"
        timeout_max: "15"
        timeout_tcp: "16"
        timeout_tcp_fin: "17"
        timeout_tcp_rst: "18"
        timeout_udp: "19"
        transport: "udp"
```

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, 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_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*

5.234.1 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 v6.4.0

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 FortiSwitch global settings.
    fortios_switch_controller_global:
      vdom:  "{{ vdom }}"
      switch_controller_global:
        allow_multiple_interfaces: "enable"
        bounce_quarantined_link: "disable"
        custom_command:
         -
            command_entry: "<your_own_value>"
            command_name: "<your_own_value> (source switch-controller.custom-command.
↪command-name)"
        default_virtual_switch_vlan: "<your_own_value> (source system.interface.name)"
        disable_discovery:
         -
            name: "default_name_10"
        https_image_push: "enable"
        log_mac_limit_violations: "enable"
        mac_aging_interval: "13"
        mac_event_logging: "enable"
        mac_retention_period: "15"
        mac_violation_timer: "16"
        quarantine_mode: "by-vlan"
        sn_dns_resolution: "enable"
        vlan_all_mode: "all"
        vlan_optimization: "enable"
```

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, 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_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*

5.235.1 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 v6.4.0

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: Configure FortiSwitch IGMP snooping global settings.
    fortios_switch_controller_igmp_snooping:
      vdom:  "{{ vdom }}"
      switch_controller_igmp_snooping:
        aging_time: "3"
        flood_unknown_multicast: "enable"
```

5.235.6 Return Values

Common return values are documented: https://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_switch_controller_initial_config_template – Configure template for auto-generated VLANs in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller_initial_config feature and template category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure template for auto-generated VLANs.
    fortios_switch_controller_initial_config_template:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_initial_config_template:
        allowaccess: "ping"
        auto_ip: "enable"
        dhcp_server: "enable"
        ip: "<your_own_value>"
        name: "default_name_7"
        vlanid: "8"
```

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, 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_switch_controller_initial_config_vlans – Configure initial template for auto-generated VLAN interfaces in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller_initial_config feature and vlans category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Configure initial template for auto-generated VLAN interfaces.
   fortios_switch_controller_initial_config_vlans:
     vdom:  "{{ vdom }}"
     switch_controller_initial_config_vlans:
       default_vlan: "<your_own_value> (source switch-controller.initial-config.
↪template.name)"
       nac: "<your_own_value> (source switch-controller.initial-config.template.name)
↪"
       quarantine: "<your_own_value> (source switch-controller.initial-config.
↪template.name)"
       rspan: "<your_own_value> (source switch-controller.initial-config.template.
↪name)"
       video: "<your_own_value> (source switch-controller.initial-config.template.
↪name)"
       voice: "<your_own_value> (source switch-controller.initial-config.template.
↪name)"
```

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, 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_switch_controller_lldp_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*

5.238.1 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 v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Configure FortiSwitch LLDP profiles.
   fortios_switch_controller_lldp_profile:
     vdom:  "{{ vdom }}"
     state: "present"
     switch_controller_lldp_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"
       auto_mclag_icl: "disable"
       custom_tlvs:
        -
           information_string: "<your_own_value>"
           name: "default_name_12"
           oui: "<your_own_value>"
           subtype: "14"
       med_location_service:
        -
           name: "default_name_16"
           status: "disable"
           sys_location_id: "<your_own_value> (source switch-controller.location.
↪name)"
       med_network_policy:
        -
           assign_vlan: "disable"
           dscp: "21"
           name: "default_name_22"
           priority: "23"
           status: "disable"
           vlan_intf: "<your_own_value> (source system.interface.name)"
       med_tlvs: "inventory-management"
       name: "default_name_27"
```

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, 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_switch_controller_lldp_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*

5.239.1 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 v6.4.0

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 FortiSwitch LLDP settings.
    fortios_switch_controller_lldp_settings:
      vdom:  "{{ vdom }}"
      switch_controller_lldp_settings:
        device_detection: "disable"
        fast_start_interval: "4"
        management_interface: "internal"
        tx_hold: "6"
        tx_interval: "7"
```

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, 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_switch_controller_location – Configure FortiSwitch location services in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and location category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch location services.
    fortios_switch_controller_location:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    switch_controller_location:
      address_civic:
          additional: "<your_own_value>"
          additional_code: "<your_own_value>"
          block: "<your_own_value>"
          branch_road: "<your_own_value>"
          building: "<your_own_value>"
          city: "<your_own_value>"
          city_division: "<your_own_value>"
          country: "<your_own_value>"
          country_subdivision: "<your_own_value>"
          county: "<your_own_value>"
          direction: "<your_own_value>"
          floor: "<your_own_value>"
          landmark: "<your_own_value>"
          language: "<your_own_value>"
          name: "default_name_18"
          number: "<your_own_value>"
          number_suffix: "<your_own_value>"
          place_type: "<your_own_value>"
          post_office_box: "<your_own_value>"
          postal_community: "<your_own_value>"
          primary_road: "<your_own_value>"
          road_section: "<your_own_value>"
          room: "<your_own_value>"
          script: "<your_own_value>"
          seat: "<your_own_value>"
          street: "<your_own_value>"
          street_name_post_mod: "<your_own_value>"
          street_name_pre_mod: "<your_own_value>"
          street_suffix: "<your_own_value>"
          sub_branch_road: "<your_own_value>"
          trailing_str_suffix: "<your_own_value>"
          unit: "<your_own_value>"
          zip: "<your_own_value>"
      coordinates:
          altitude: "<your_own_value>"
          altitude_unit: "m"
          datum: "WGS84"
          latitude: "<your_own_value>"
          longitude: "<your_own_value>"
      elin_number:
          elin_num: "<your_own_value>"
      name: "default_name_45"
```

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, 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_switch_controller_mac_policy – Configure MAC policy to be applied on the managed FortiSwitch devices through NAC device in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and mac_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 MAC policy to be applied on the managed FortiSwitch devices␣
↪through NAC device.
    fortios_switch_controller_mac_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_mac_policy:
        count: "disable"
        description: "<your_own_value>"
        drop: "disable"
        fortilink: "<your_own_value> (source system.interface.name)"
        name: "default_name_7"
        traffic_policy: "<your_own_value> (source switch-controller.traffic-policy.
↪name)"
        vlan: "<your_own_value> (source system.interface.name)"
```

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, 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_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*

5.242.1 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 v6.4.0

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 FortiSwitch devices that are managed by this FortiGate.
    fortios_switch_controller_managed_switch:
      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"
            tx_period: "8"
        access_profile: "<your_own_value> (source switch-controller.security-policy.
↪local-access.name)"
        custom_command:
         -
            command_entry: "<your_own_value>"
            command_name: "<your_own_value> (source switch-controller.custom-command.
↪command-name)"
        delayed_restart_trigger: "13"
        description: "<your_own_value>"
        directly_connected: "15"
        dynamic_capability: "16"
        dynamically_discovered: "17"
        flow_identity: "<your_own_value>"
        fsw_wan1_admin: "discovered"
        fsw_wan1_peer: "<your_own_value>"
        igmp_snooping:
            aging_time: "22"
            flood_unknown_multicast: "enable"
            local_override: "enable"
        ip_source_guard:
         -
            binding_entry:
             -
                entry_name: "<your_own_value>"
                ip: "<your_own_value>"
                mac: "<your_own_value>"
            description: "<your_own_value>"
            port: "<your_own_value>"
```

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```
        l3_discovered: "32"
        mclag_igmp_snooping_aware: "enable"
        mirror:
         -
            dst: "<your_own_value>"
            name: "default_name_36"
            src_egress:
             -
                name: "default_name_38"
            src_ingress:
             -
                name: "default_name_40"
            status: "active"
            switching_packet: "enable"
        name: "default_name_43"
        override_snmp_community: "enable"
        override_snmp_sysinfo: "disable"
        override_snmp_trap_threshold: "enable"
        override_snmp_user: "enable"
        owner_vdom: "<your_own_value>"
        poe_detection_type: "49"
        poe_pre_standard_detection: "enable"
        ports:
         -
            access_mode: "normal"
            allowed_vlans:
             -
                vlan_name: "<your_own_value> (source system.interface.name)"
            allowed_vlans_all: "enable"
            arp_inspection_trust: "untrusted"
            bundle: "enable"
            description: "<your_own_value>"
            dhcp_snoop_option82_trust: "enable"
            dhcp_snooping: "untrusted"
            discard_mode: "none"
            edge_port: "enable"
            export_tags:
             -
                tag_name: "<your_own_value> (source switch-controller.switch-
↪interface-tag.name)"
            export_to: "<your_own_value> (source system.vdom.name)"
            export_to_pool: "<your_own_value> (source switch-controller.virtual-port-
↪pool.name)"
            fgt_peer_device_name: "<your_own_value>"
            fgt_peer_port_name: "<your_own_value>"
            fiber_port: "69"
            flags: "70"
            fortilink_port: "71"
            igmps_flood_reports: "enable"
            igmps_flood_traffic: "enable"
            ip_source_guard: "disable"
            isl_local_trunk_name: "<your_own_value>"
            isl_peer_device_name: "<your_own_value>"
            isl_peer_port_name: "<your_own_value>"
            lacp_speed: "slow"
            learning_limit: "79"
            lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.
↪name)"
```

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```
            lldp_status: "disable"
            loop_guard: "enabled"
            loop_guard_timeout: "83"
            mac_addr: "<your_own_value>"
            max_bundle: "85"
            mclag: "enable"
            mclag_icl_port: "87"
            member_withdrawal_behavior: "forward"
            members:
             -
                member_name: "<your_own_value>"
            min_bundle: "91"
            mode: "static"
            p2p_port: "93"
            packet_sample_rate: "94"
            packet_sampler: "enabled"
            poe_capable: "96"
            poe_pre_standard_detection: "enable"
            poe_status: "enable"
            port_name: "<your_own_value>"
            port_number: "100"
            port_owner: "<your_own_value>"
            port_prefix_type: "102"
            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: "107"
            speed: "10half"
            stacking_port: "109"
            status: "up"
            sticky_mac: "enable"
            storm_control_policy: "<your_own_value> (source switch-controller.storm-
↪control-policy.name)"
            stp_bpdu_guard: "enabled"
            stp_bpdu_guard_timeout: "114"
            stp_root_guard: "enabled"
            stp_state: "enabled"
            switch_id: "<your_own_value>"
            type: "physical"
            untagged_vlans:
             -
                vlan_name: "<your_own_value> (source system.interface.name)"
            vlan: "<your_own_value> (source system.interface.name)"
        pre_provisioned: "122"
        qos_drop_policy: "taildrop"
        qos_red_probability: "124"
        remote_log:
         -
            csv: "enable"
            facility: "kernel"
            name: "default_name_128"
            port: "129"
            server: "192.168.100.40"
```

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```
            severity: "emergency"
            status: "enable"
        snmp_community:
         -
            events: "cpu-high"
            hosts:
             -
                id:  "136"
                ip: "<your_own_value>"
            id:  "138"
            name: "default_name_139"
            query_v1_port: "140"
            query_v1_status: "disable"
            query_v2c_port: "142"
            query_v2c_status: "disable"
            status: "disable"
            trap_v1_lport: "145"
            trap_v1_rport: "146"
            trap_v1_status: "disable"
            trap_v2c_lport: "148"
            trap_v2c_rport: "149"
            trap_v2c_status: "disable"
        snmp_sysinfo:
            contact_info: "<your_own_value>"
            description: "<your_own_value>"
            engine_id: "<your_own_value>"
            location: "<your_own_value>"
            status: "disable"
        snmp_trap_threshold:
            trap_high_cpu_threshold: "158"
            trap_log_full_threshold: "159"
            trap_low_memory_threshold: "160"
        snmp_user:
         -
            auth_proto: "md5"
            auth_pwd: "<your_own_value>"
            name: "default_name_164"
            priv_proto: "aes"
            priv_pwd: "<your_own_value>"
            queries: "disable"
            query_port: "168"
            security_level: "no-auth-no-priv"
        staged_image_version: "<your_own_value>"
        static_mac:
         -
            description: "<your_own_value>"
            id:  "173"
            interface: "<your_own_value>"
            mac: "<your_own_value>"
            type: "static"
            vlan: "<your_own_value> (source system.interface.name)"
        storm_control:
            broadcast: "enable"
            local_override: "enable"
            rate: "181"
            unknown_multicast: "enable"
            unknown_unicast: "enable"
```

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```
        stp_instance:
         -
            id:  "185"
            priority: "0"
        stp_settings:
            forward_time: "188"
            hello_time: "189"
            local_override: "enable"
            max_age: "191"
            max_hops: "192"
            name: "default_name_193"
            pending_timer: "194"
            revision: "195"
        switch_device_tag: "<your_own_value>"
        switch_dhcp_opt43_key: "<your_own_value>"
        switch_id: "<your_own_value>"
        switch_log:
            local_override: "enable"
            severity: "emergency"
            status: "enable"
        switch_profile: "<your_own_value> (source switch-controller.switch-profile.
↪name)"
        type: "virtual"
        version: "205"
```

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, 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_switch_controller_nac_device – Configure/list NAC devices learned on the managed FortiSwitch ports which matches NAC policy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and nac_device category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Configure/list NAC devices learned on the managed FortiSwitch ports which␣
↪matches NAC policy.
   fortios_switch_controller_nac_device:
     vdom:  "{{ vdom }}"
     state: "present"
     switch_controller_nac_device:
       description: "<your_own_value>"
       id:  "4"
       last_known_port: "<your_own_value>"
       last_known_switch: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id)"
       last_seen: "7"
       mac: "<your_own_value>"
       mac_policy: "<your_own_value> (source switch-controller.mac-policy.name)"
       matched_nac_policy: "<your_own_value> (source user.nac-policy.name)"
       port_policy: "<your_own_value> (source switch-controller.port-policy.name)"
       status: "enable"
```

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, 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_switch_controller_nac_settings – Configure integrated NAC settings for FortiSwitch in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and nac_settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure integrated NAC settings for FortiSwitch.
  fortios_switch_controller_nac_settings:
    vdom:  "{{ vdom }}"
    state: "present"
    switch_controller_nac_settings:
      auto_auth: "disable"
      bounce_nac_port: "disable"
      inactive_timer: "5"
      link_down_flush: "disable"
      mode: "local"
      name: "default_name_8"
      onboarding_vlan: "<your_own_value> (source system.interface.name)"
```

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, 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_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*

5.245.1 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 v6.4.0

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 network monitor settings.
    fortios_switch_controller_network_monitor_settings:
```

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```
    vdom:  "{{ vdom }}"
    switch_controller_network_monitor_settings:
      network_monitoring: "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, 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_switch_controller_poe – List PoE end-points status in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and poe category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: List PoE end-points status.
    fortios_switch_controller_poe:
      vdom:  "{{ vdom }}"
      switch_controller_poe:
        <fortiswitch_id>: "<your_own_value>"
```

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, 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_switch_controller_port_policy – Configure port policy to be applied on the managed FortiSwitch ports through NAC device in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and port_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 port policy to be applied on the managed FortiSwitch ports␣
↪through NAC device.
    fortios_switch_controller_port_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_port_policy:
        802_1x: "<your_own_value> (source switch-controller.security-policy.802-1X.
↪name switch-controller.security-policy.captive-portal.name)"
        bounce_port_link: "disable"
        description: "<your_own_value>"
        fortilink: "<your_own_value> (source system.interface.name)"
        lldp_profile: "<your_own_value> (source switch-controller.lldp-profile.name)"
        name: "default_name_8"
        qos_policy: "<your_own_value> (source switch-controller.qos.qos-policy.name)"
        vlan_policy: "<your_own_value> (source switch-controller.vlan-policy.name)"
```

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, 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_switch_controller_qos_dot1p_map – Configure FortiSwitch QoS 802.1p 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 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 v6.4.0

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 FortiSwitch QoS 802.1p.
    fortios_switch_controller_qos_dot1p_map:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_qos_dot1p_map:
        description: "<your_own_value>"
        egress_pri_tagging: "disable"
        name: "default_name_5"
        priority_0: "queue-0"
        priority_1: "queue-0"
        priority_2: "queue-0"
        priority_3: "queue-0"
        priority_4: "queue-0"
        priority_5: "queue-0"
        priority_6: "queue-0"
        priority_7: "queue-0"
```

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, 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_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*

5.249.1 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 v6.4.0

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:
```

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```
  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:
       -
          cos_queue: "5"
          diffserv: "CS0"
          ip_precedence: "network-control"
          name: "default_name_8"
          value: "<your_own_value>"
      name: "default_name_10"
```

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, 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_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*

5.250.1 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 v6.4.0

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 FortiSwitch QoS policy.
    fortios_switch_controller_qos_qos_policy:
```

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```
    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)"
```

5.250.6 Return Values

Common return values are documented: https://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_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*

5.251.1 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 v6.4.0

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"
   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"
```

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```
            max_rate: "6"
            max_rate_percent: "7"
            min_rate: "8"
            min_rate_percent: "9"
            name: "default_name_10"
            weight: "11"
        name: "default_name_12"
        rate_by: "kbps"
        schedule: "strict"
```

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, 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_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*

5.252.1 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 v6.4.0

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 FortiSwitch quarantine support.
    fortios_switch_controller_quarantine:
      vdom:  "{{ vdom }}"
      switch_controller_quarantine:
        quarantine: "enable"
        targets:
         -
            description: "<your_own_value>"
            mac: "<your_own_value>"
            tag:
             -
                tags: "<your_own_value>"
```

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, 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_switch_controller_remote_log – Configure logging by FortiSwitch device to a remote syslog server in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and remote_log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 logging by FortiSwitch device to a remote syslog server.
    fortios_switch_controller_remote_log:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_remote_log:
        csv: "enable"
        facility: "kernel"
        name: "default_name_5"
        port: "6"
        server: "192.168.100.40"
        severity: "emergency"
        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, 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_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*

5.254.1 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 v6.4.0

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 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)"
        eap_auto_untagged_vlans: "disable"
        eap_passthru: "disable"
        framevid_apply: "disable"
        guest_auth_delay: "8"
        guest_vlan: "disable"
        guest_vlan_id: "<your_own_value> (source system.interface.name)"
        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)"
```

5.254.6 Return Values

Common return values are documented: https://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_switch_controller_security_policy_local_access – Configure allowaccess list for mgmt and internal interfaces on managed FortiSwitch in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller_security_policy feature and local_access category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure allowaccess list for mgmt and internal interfaces on managed␣
↪FortiSwitch.
    fortios_switch_controller_security_policy_local_access:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_security_policy_local_access:
        internal_allowaccess: "https"
        mgmt_allowaccess: "https"
        name: "default_name_5"
```

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, 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_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*

5.256.1 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 v6.4.0

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 FortiSwitch sFlow.
    fortios_switch_controller_sflow:
      vdom:  "{{ vdom }}"
      switch_controller_sflow:
        collector_ip: "<your_own_value>"
        collector_port: "4"
```

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, 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)

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

5.257 fortios_switch_controller_snmp_community – Configure FortiSwitch SNMP v1/v2c communities globally in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and snmp_community category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch SNMP v1/v2c communities globally.
    fortios_switch_controller_snmp_community:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    switch_controller_snmp_community:
      events: "cpu-high"
      hosts:
       -
          id:  "5"
          ip: "<your_own_value>"
      id:  "7"
      name: "default_name_8"
      query_v1_port: "9"
      query_v1_status: "disable"
      query_v2c_port: "11"
      query_v2c_status: "disable"
      status: "disable"
      trap_v1_lport: "14"
      trap_v1_rport: "15"
      trap_v1_status: "disable"
      trap_v2c_lport: "17"
      trap_v2c_rport: "18"
      trap_v2c_status: "disable"
```

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, 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_switch_controller_snmp_sysinfo – Configure FortiSwitch SNMP system information globally in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and snmp_sysinfo category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch SNMP system information globally.
  fortios_switch_controller_snmp_sysinfo:
    vdom:  "{{ vdom }}"
    switch_controller_snmp_sysinfo:
      contact_info: "<your_own_value>"
      description: "<your_own_value>"
      engine_id: "<your_own_value>"
      location: "<your_own_value>"
      status: "disable"
```

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, 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_switch_controller_snmp_trap_threshold – Configure FortiSwitch SNMP trap threshold values globally in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and snmp_trap_threshold category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch SNMP trap threshold values globally.
    fortios_switch_controller_snmp_trap_threshold:
      vdom:  "{{ vdom }}"
      switch_controller_snmp_trap_threshold:
        trap_high_cpu_threshold: "3"
```

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```
        trap_log_full_threshold: "4"
        trap_low_memory_threshold: "5"
```

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, 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_switch_controller_snmp_user – Configure FortiSwitch SNMP v3 users globally in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and snmp_user category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch SNMP v3 users globally.
    fortios_switch_controller_snmp_user:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_snmp_user:
        auth_proto: "md5"
        auth_pwd: "<your_own_value>"
        name: "default_name_5"
        priv_proto: "aes"
        priv_pwd: "<your_own_value>"
        queries: "disable"
        query_port: "9"
        security_level: "no-auth-no-priv"
```

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, 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_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*

5.261.1 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 v6.4.0

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 FortiSwitch storm control.
    fortios_switch_controller_storm_control:
      vdom:  "{{ vdom }}"
      switch_controller_storm_control:
        broadcast: "enable"
        rate: "4"
        unknown_multicast: "enable"
        unknown_unicast: "enable"
```

5.261.6 Return Values

Common return values are documented: https://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_switch_controller_storm_control_policy – Configure FortiSwitch storm control policy to be applied on managed-switch ports in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and storm_control_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch storm control policy to be applied on managed-switch␣
↪ports.
    fortios_switch_controller_storm_control_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_storm_control_policy:
        broadcast: "enable"
        description: "<your_own_value>"
        name: "default_name_5"
        rate: "6"
        storm_control_mode: "global"
        unknown_multicast: "enable"
        unknown_unicast: "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, 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_switch_controller_stp_instance – Configure FortiSwitch multiple spanning tree protocol (MSTP) instances 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 switch_controller feature and stp_instance category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure FortiSwitch multiple spanning tree protocol (MSTP) instances.
  fortios_switch_controller_stp_instance:
    vdom:  "{{ vdom }}"
    state: "present"
    switch_controller_stp_instance:
      id:  "3"
      vlan_range:
       -
          vlan_name: "<your_own_value> (source system.interface.name)"
```

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, 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_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*

5.264.1 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 v6.4.0

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 FortiSwitch spanning tree protocol (STP).
    fortios_switch_controller_stp_settings:
      vdom:  "{{ vdom }}"
      switch_controller_stp_settings:
        forward_time: "3"
        hello_time: "4"
```

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```
        max_age: "5"
        max_hops: "6"
        name: "default_name_7"
        pending_timer: "8"
        revision: "9"
```

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, 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_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*

5.265.1 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 v6.4.0

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 FortiSwitch switch groups.
    fortios_switch_controller_switch_group:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_switch_group:
        description: "<your_own_value>"
        members:
         -
            switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id)"
        name: "default_name_6"
```

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, 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_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*

5.266.1 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 v6.4.0

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 switch object tags.
    fortios_switch_controller_switch_interface_tag:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_switch_interface_tag:
        name: "default_name_3"
```

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, 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_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*
- *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 switch_controller feature and switch_log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
    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"
```

5.267.6 Return Values

Common return values are documented: https://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_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*

5.268.1 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 v6.4.0

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: 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"
```

5.268.6 Return Values

Common return values are documented: https://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_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*

5.269.1 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 v6.4.0

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 system-wide switch controller settings.
    fortios_switch_controller_system:
      vdom:  "{{ vdom }}"
      switch_controller_system:
        data_sync_interval: "3"
        iot_holdoff: "4"
        iot_mac_idle: "5"
        iot_scan_interval: "6"
        iot_weight_threshold: "7"
        parallel_process: "8"
        parallel_process_override: "disable"
```

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, 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_switch_controller_traffic_policy – Configure FortiSwitch traffic policy 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 switch_controller feature and traffic_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch traffic policy.
    fortios_switch_controller_traffic_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_traffic_policy:
        cos_queue: "3"
        description: "<your_own_value>"
        guaranteed_bandwidth: "5"
        guaranteed_burst: "6"
        maximum_burst: "7"
        name: "default_name_8"
        policer_status: "enable"
        type: "ingress"
```

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, 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_switch_controller_traffic_sniffer – Configure FortiSwitch RSPAN/ERSPAN traffic sniffing parameters 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 switch_controller feature and traffic_sniffer category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FortiSwitch RSPAN/ERSPAN traffic sniffing parameters.
    fortios_switch_controller_traffic_sniffer:
      vdom:  "{{ vdom }}"
      switch_controller_traffic_sniffer:
        erspan_ip: "<your_own_value>"
        mode: "erspan-auto"
        target_ip:
         -
            description: "<your_own_value>"
            ip: "<your_own_value>"
        target_mac:
         -
            description: "<your_own_value>"
            mac: "<your_own_value>"
        target_port:
         -
            description: "<your_own_value>"
            in_ports:
             -
                name: "default_name_14"
            out_ports:
             -
                name: "default_name_16"
            switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id)"
```

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, 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_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*

5.272.1 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 v6.4.0

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 virtual pool.
    fortios_switch_controller_virtual_port_pool:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_virtual_port_pool:
        description: "<your_own_value>"
        name: "default_name_4"
```

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, 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_switch_controller_vlan_policy – Configure VLAN policy to be applied on the managed FortiSwitch ports through port-policy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 switch_controller feature and vlan_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 VLAN policy to be applied on the managed FortiSwitch ports␣
↪through port-policy.
```

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```
    fortios_switch_controller_vlan_policy:
      vdom:  "{{ vdom }}"
      state: "present"
      switch_controller_vlan_policy:
        allowed_vlans:
         -
            vlan_name: "<your_own_value> (source system.interface.name)"
        allowed_vlans_all: "enable"
        description: "<your_own_value>"
        discard_mode: "none"
        fortilink: "<your_own_value> (source system.interface.name)"
        name: "default_name_9"
        untagged_vlans:
         -
            vlan_name: "<your_own_value> (source system.interface.name)"
        vlan: "<your_own_value> (source system.interface.name)"
```

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, 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_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*

5.274.1 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 v6.4.0

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: 3G MODEM custom.
    fortios_system_3g_modem_custom:
      vdom:  "{{ vdom }}"
```

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```
    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>"
```

5.274.6 Return Values

Common return values are documented: https://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_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*

5.275.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and accprofile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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:
```

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```
            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"
            mnt: "none"
            upd: "none"
        system_diagnostics: "enable"
        utmgrp: "none"
        utmgrp_permission:
            antivirus: "none"
            application_control: "none"
            data_loss_prevention: "none"
            dnsfilter: "none"
            emailfilter: "none"
            endpoint_control: "none"
            icap: "none"
            ips: "none"
            voip: "none"
            waf: "none"
            webfilter: "none"
        vpngrp: "none"
        wanoptgrp: "none"
        wifi: "none"
```

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, 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_admin – Configure admin users in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.276.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 admin users.
    fortios_system_admin:
      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"
        ip6_trusthost1: "<your_own_value>"
        ip6_trusthost10: "<your_own_value>"
        ip6_trusthost2: "<your_own_value>"
        ip6_trusthost3: "<your_own_value>"
        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>"
        name: "default_name_24"
        password: "<your_own_value>"
        password_expire: "<your_own_value>"
        peer_auth: "enable"
        peer_group: "<your_own_value>"
        radius_vdom_override: "enable"
        remote_auth: "enable"
```

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```
        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"
        two_factor_authentication: "fortitoken"
        two_factor_notification: "email"
        vdom:
         -
            name: "default_name_54 (source system.vdom.name)"
        wildcard: "enable"
```

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, 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_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*

5.277.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and affinity_interrupt category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  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>"
```

5.277.6 Return Values

Common return values are documented: https://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_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*

5.278.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and affinity_packet_redistribution category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   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"
```

5.278.6 Return Values

Common return values are documented: https://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_alarm – Configure alarm 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 alarm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure alarm.
    fortios_system_alarm:
      vdom:  "{{ vdom }}"
      system_alarm:
        audible: "enable"
        groups:
         -
            admin_auth_failure_threshold: "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"
```

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```
            user_auth_lockout_threshold: "24"
        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, 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_alias – Configure alias command in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.280.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and alias category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 alias command.
    fortios_system_alias:
      vdom:  "{{ vdom }}"
      state: "present"
      system_alias:
        command: "<your_own_value>"
        name: "default_name_4"
```

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, 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_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*

5.281.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and api_user category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
        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)"
```

5.281.6 Return Values

Common return values are documented: https://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_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*

5.282.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and arp_table category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.282.6 Return Values

Common return values are documented: https://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_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*

5.283.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and auto_install category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.283.6 Return Values

Common return values are documented: https://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_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*

5.284.1 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 v6.4.0

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: Configure auto script.
    fortios_system_auto_script:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_auto_script:
      interval: "3"
      name: "default_name_4"
      output_size: "5"
      repeat: "6"
      script: "<your_own_value>"
      start: "manual"
      timeout: "9"
```

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, 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_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*

5.285.1 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 v6.4.0

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: Action for automation stitches.
    fortios_system_automation_action:
      vdom:  "{{ vdom }}"
      state: "present"
      system_automation_action:
        action_type: "email"
        alicloud_access_key_id: "<your_own_value>"
        alicloud_access_key_secret: "<your_own_value>"
        alicloud_account_id: "<your_own_value>"
        alicloud_function: "<your_own_value>"
```

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```
        alicloud_function_authorization: "anonymous"
        alicloud_function_domain: "<your_own_value>"
        alicloud_region: "<your_own_value>"
        alicloud_service: "<your_own_value>"
        alicloud_version: "<your_own_value>"
        aws_api_id: "<your_own_value>"
        aws_api_key: "<your_own_value>"
        aws_api_path: "<your_own_value>"
        aws_api_stage: "<your_own_value>"
        aws_domain: "<your_own_value>"
        aws_region: "<your_own_value>"
        azure_api_key: "<your_own_value>"
        azure_app: "<your_own_value>"
        azure_domain: "<your_own_value>"
        azure_function: "<your_own_value>"
        azure_function_authorization: "anonymous"
        delay: "24"
        email_from: "<your_own_value>"
        email_subject: "<your_own_value>"
        email_to:
         -
            name: "default_name_28"
        gcp_function: "<your_own_value>"
        gcp_function_domain: "<your_own_value>"
        gcp_function_region: "<your_own_value>"
        gcp_project: "<your_own_value>"
        headers:
         -
            header: "<your_own_value>"
        http_body: "<your_own_value>"
        message: "<your_own_value>"
        method: "post"
        minimum_interval: "38"
        name: "default_name_39"
        port: "40"
        protocol: "http"
        required: "enable"
        script: "<your_own_value>"
        sdn_connector:
         -
            name: "default_name_45 (source system.sdn-connector.name)"
        security_tag: "<your_own_value>"
        tls_certificate: "<your_own_value> (source certificate.local.name)"
        uri: "<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, 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_automation_destination – Automation destinations in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.286.1 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 v6.4.0

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: 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"
```

5.286.6 Return Values

Common return values are documented: https://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_automation_stitch – Automation stitches in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.287.1 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 v6.4.0

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: 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)"
```

5.287.6 Return Values

Common return values are documented: https://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_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*

5.288.1 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 v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Trigger for automation stitches.
   fortios_system_automation_trigger:
     vdom:  "{{ vdom }}"
     state: "present"
     system_automation_trigger:
       event_type: "ioc"
       faz_event_name: "<your_own_value>"
       faz_event_severity: "<your_own_value>"
       faz_event_tags: "<your_own_value>"
       fields:
        -
           id:  "8"
           name: "default_name_9"
           value: "<your_own_value>"
       ioc_level: "medium"
       license_type: "forticare-support"
       logid: "13"
       name: "default_name_14"
       report_type: "PostureReport"
       trigger_day: "16"
       trigger_frequency: "hourly"
       trigger_hour: "18"
       trigger_minute: "19"
       trigger_type: "event-based"
       trigger_weekday: "sunday"
```

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, 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_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*

5.289.1 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 v6.4.0

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: Configure push updates.
    fortios_system_autoupdate_push_update:
      vdom:  "{{ vdom }}"
      system_autoupdate_push_update:
        address: "<your_own_value>"
        override: "enable"
        port: "5"
        status: "enable"
```

5.289.6 Return Values

Common return values are documented: https://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_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*

5.290.1 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 v6.4.0

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: Configure update schedule.
    fortios_system_autoupdate_schedule:
```

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```
    vdom:  "{{ vdom }}"
    system_autoupdate_schedule:
      day: "Sunday"
      frequency: "every"
      status: "enable"
      time: "<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, 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_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*

5.291.1 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 v6.4.0

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 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>"
```

5.291.6 Return Values

Common return values are documented: https://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_central_management – Configure central management in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *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 feature and central_management category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure central management.
    fortios_system_central_management:
      vdom:  "{{ vdom }}"
      system_central_management:
        allow_monitor: "enable"
        allow_push_configuration: "enable"
        allow_push_firmware: "enable"
        allow_remote_firmware_upgrade: "enable"
        ca_cert: "<your_own_value>"
        enc_algorithm: "default"
        fmg: "<your_own_value>"
        fmg_source_ip: "<your_own_value>"
        fmg_source_ip6: "<your_own_value>"
        fmg_update_port: "8890"
        include_default_servers: "enable"
        local_cert: "<your_own_value>"
        mode: "normal"
        schedule_config_restore: "enable"
        schedule_script_restore: "enable"
        serial_number: "<your_own_value>"
        server_list:
         -
            addr_type: "ipv4"
            fqdn: "<your_own_value>"
            id:  "22"
            server_address: "<your_own_value>"
            server_address6: "<your_own_value>"
            server_type: "update"
        type: "fortimanager"
        vdom: "<your_own_value> (source system.vdom.name)"
```

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, 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_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*

5.293.1 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 v6.4.0

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: Configure FortiGate Session Life Support Protocol (FGSP) session␣
↪synchronization.
    fortios_system_cluster_sync:
      vdom:  "{{ vdom }}"
      state: "present"
      system_cluster_sync:
        down_intfs_before_sess_sync:
         -
            name: "default_name_4 (source system.interface.name)"
        hb_interval: "5"
        hb_lost_threshold: "6"
        ipsec_tunnel_sync: "enable"
        peerip: "<your_own_value>"
        peervd: "<your_own_value> (source system.vdom.name)"
        session_sync_filter:
            custom_service:
             -
                dst_port_range: "<your_own_value>"
                id:  "13"
                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"
```

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```
        sync_id: "22"
        syncvd:
         -
            name: "default_name_24 (source system.vdom.name)"
```

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

5.294 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*

5.294.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and console category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 console.
    fortios_system_console:
      vdom:  "{{ vdom }}"
      system_console:
        baudrate: "9600"
        login: "enable"
        mode: "batch"
        output: "standard"
```

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, 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_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.

- *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 feature and csf category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Add this FortiGate to a Security Fabric or set up a new Security Fabric on␣
↪this FortiGate.
    fortios_system_csf:
      vdom:  "{{ vdom }}"
      system_csf:
        configuration_sync: "default"
        fabric_device:
         -
            access_token: "<your_own_value>"
            device_ip: "<your_own_value>"
            https_port: "7"
            name: "default_name_8"
        fabric_object_unification: "default"
        group_name: "<your_own_value>"
        group_password: "<your_own_value>"
        management_ip: "<your_own_value>"
        management_port: "13"
        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: "21"
```

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, 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_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*

5.296.1 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 v6.4.0

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: 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"
```

5.296.6 Return Values

Common return values are documented: https://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_ddns – Configure DDNS 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 feature and ddns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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>"
        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"
```

5.297.6 Return Values

Common return values are documented: https://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_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*

5.298.1 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 v6.4.0

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: Configure dedicated management.
    fortios_system_dedicated_mgmt:
      vdom:  "{{ vdom }}"
      system_dedicated_mgmt:
        default_gateway: "<your_own_value>"
        dhcp_end_ip: "<your_own_value>"
        dhcp_netmask: "<your_own_value>"
        dhcp_server: "enable"
        dhcp_start_ip: "<your_own_value>"
        interface: "<your_own_value> (source system.interface.name)"
        status: "enable"
```

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, 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_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*

5.299.1 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 v6.4.0

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"
```

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```
  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_server4: "<your_own_value>"
       dns_service: "delegated"
       domain: "<your_own_value>"
       id:  "10"
       interface: "<your_own_value> (source system.interface.name)"
       ip_mode: "range"
       ip_range:
        -
           end_ip: "<your_own_value>"
           id:  "15"
           start_ip: "<your_own_value>"
       lease_time: "17"
       option1: "<your_own_value>"
       option2: "<your_own_value>"
       option3: "<your_own_value>"
       prefix_range:
        -
           end_prefix: "<your_own_value>"
           id:  "23"
           prefix_length: "24"
           start_prefix: "<your_own_value>"
       rapid_commit: "disable"
       status: "disable"
       subnet: "<your_own_value>"
       upstream_interface: "<your_own_value> (source system.interface.name)"
```

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, 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_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*

5.300.1 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 v6.4.0

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: Configure DHCP servers.
    fortios_system_dhcp_server:
      vdom:  "{{ vdom }}"
      state: "present"
      system_dhcp_server:
        auto_configuration: "disable"
        auto_managed_status: "disable"
        conflicted_ip_timeout: "5"
        ddns_auth: "disable"
        ddns_key: "<your_own_value>"
        ddns_keyname: "<your_own_value>"
        ddns_server_ip: "<your_own_value>"
        ddns_ttl: "10"
        ddns_update: "disable"
        ddns_update_override: "disable"
        ddns_zone: "<your_own_value>"
        default_gateway: "<your_own_value>"
        dhcp_settings_from_fortiipam: "disable"
        dns_server1: "<your_own_value>"
        dns_server2: "<your_own_value>"
        dns_server3: "<your_own_value>"
        dns_server4: "<your_own_value>"
        dns_service: "local"
        domain: "<your_own_value>"
        exclude_range:
         -
            end_ip: "<your_own_value>"
            id:  "24"
            start_ip: "<your_own_value>"
        filename: "<your_own_value>"
        forticlient_on_net_status: "disable"
        id:  "28"
        interface: "<your_own_value> (source system.interface.name)"
        ip_mode: "range"
        ip_range:
         -
            end_ip: "<your_own_value>"
            id:  "33"
            start_ip: "<your_own_value>"
        ipsec_lease_hold: "35"
        lease_time: "36"
        mac_acl_default_action: "assign"
        netmask: "<your_own_value>"
        next_server: "<your_own_value>"
        ntp_server1: "<your_own_value>"
```

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```
        ntp_server2: "<your_own_value>"
        ntp_server3: "<your_own_value>"
        ntp_service: "local"
        options:
         -
            code: "45"
            id:  "46"
            ip: "<your_own_value>"
            type: "hex"
            value: "<your_own_value>"
        reserved_address:
         -
            action: "assign"
            circuit_id: "<your_own_value>"
            circuit_id_type: "hex"
            description: "<your_own_value>"
            id:  "55"
            ip: "<your_own_value>"
            mac: "<your_own_value>"
            remote_id: "<your_own_value>"
            remote_id_type: "hex"
            type: "mac"
        server_type: "regular"
        status: "disable"
        tftp_server:
         -
            tftp_server: "<your_own_value>"
        timezone: "01"
        timezone_option: "disable"
        vci_match: "disable"
        vci_string:
         -
            vci_string: "<your_own_value>"
        wifi_ac_service: "specify"
        wifi_ac1: "<your_own_value>"
        wifi_ac2: "<your_own_value>"
        wifi_ac3: "<your_own_value>"
        wins_server1: "<your_own_value>"
        wins_server2: "<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, 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_dns – Configure DNS in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *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 feature and dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure DNS.
    fortios_system_dns:
      vdom:  "{{ vdom }}"
      system_dns:
        cache_notfound_responses: "disable"
        dns_cache_limit: "4"
        dns_cache_ttl: "5"
        dns_over_tls: "disable"
        domain:
         -
            domain: "<your_own_value>"
        ip6_primary: "<your_own_value>"
        ip6_secondary: "<your_own_value>"
        primary: "<your_own_value>"
        retry: "12"
        secondary: "<your_own_value>"
        server_hostname:
         -
            hostname: "myhostname"
        source_ip: "84.230.14.43"
        ssl_certificate: "<your_own_value> (source certificate.local.name)"
        timeout: "18"
```

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, 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_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*

5.302.1 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 v6.4.0

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: Configure DNS databases.
    fortios_system_dns_database:
      vdom:  "{{ vdom }}"
      state: "present"
      system_dns_database:
        allow_transfer: "<your_own_value>"
        authoritative: "enable"
        contact: "<your_own_value>"
        dns_entry:
         -
            canonical_name: "<your_own_value>"
            hostname: "myhostname"
            id:  "9"
            ip: "<your_own_value>"
            ipv6: "<your_own_value>"
            preference: "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>"
        rr_max: "21"
        source_ip: "84.230.14.43"
        status: "enable"
        ttl: "24"
        type: "master"
        view: "shadow"
```

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, 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_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*

5.303.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dns_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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)"
```

5.303.6 Return Values

Common return values are documented: https://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_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*

5.304.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and dscp_based_priority category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 DSCP based priority table.
    fortios_system_dscp_based_priority:
      vdom:  "{{ vdom }}"
      state: "present"
      system_dscp_based_priority:
        ds: "3"
        id:  "4"
        priority: "low"
```

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, 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_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*

5.305.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and email_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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
```

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```
  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"
```

5.305.6 Return Values

Common return values are documented: https://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_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*

5.306.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and external_resource category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  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"
      password: "<your_own_value>"
      refresh_rate: "7"
      resource: "<your_own_value>"
      source_ip: "84.230.14.43"
      status: "enable"
      type: "category"
      username: "<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, 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_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*

5.307.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fips_cc category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 FIPS-CC mode.
    fortios_system_fips_cc:
```

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```
    vdom:  "{{ vdom }}"
    system_fips_cc:
      entropy_token: "enable"
      key_generation_self_test: "enable"
      self_test_period: "5"
      status: "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, 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_fm – Configure FM 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 fm category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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)"
```

5.308.6 Return Values

Common return values are documented: https://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_fortiguard – Configure FortiGuard services in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.309.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and fortiguard category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
        fortiguard_anycast: "enable"
        fortiguard_anycast_source: "fortinet"
        load_balance_servers: "15"
        outbreak_prevention_cache: "enable"
        outbreak_prevention_cache_mpercent: "17"
        outbreak_prevention_cache_ttl: "18"
        outbreak_prevention_expiration: "19"
        outbreak_prevention_force_off: "enable"
        outbreak_prevention_license: "21"
        outbreak_prevention_timeout: "22"
        port: "8888"
        protocol: "udp"
        proxy_password: "<your_own_value>"
```

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```
        proxy_server_ip: "<your_own_value>"
        proxy_server_port: "27"
        proxy_username: "<your_own_value>"
        sandbox_region: "<your_own_value>"
        sdns_options: "include-question-section"
        sdns_server_ip: "<your_own_value>"
        sdns_server_port: "32"
        source_ip: "84.230.14.43"
        source_ip6: "<your_own_value>"
        update_server_location: "usa"
        webfilter_cache: "enable"
        webfilter_cache_ttl: "37"
        webfilter_expiration: "38"
        webfilter_force_off: "enable"
        webfilter_license: "40"
        webfilter_timeout: "41"
```

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, 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_fortimanager – Configure FortiManager 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 fortimanager category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   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 }}"
```

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```
    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)"
```

5.310.6 Return Values

Common return values are documented: https://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_fortisandbox – Configure FortiSandbox 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 feature and fortisandbox category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

5.311.6 Return Values

Common return values are documented: https://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_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*

5.312.1 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 v6.4.0

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"
   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"
```

5.312.6 Return Values

Common return values are documented: https://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_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*

5.313.1 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 v6.4.0

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: Configure FortiToken Mobile push services.
    fortios_system_ftm_push:
      vdom:  "{{ vdom }}"
      system_ftm_push:
        server_cert: "<your_own_value> (source certificate.local.name)"
        server_ip: "<your_own_value>"
        server_port: "5"
        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, 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_geneve – Configure GENEVE devices in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 geneve category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 GENEVE devices.
    fortios_system_geneve:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_geneve:
      dstport: "3"
      interface: "<your_own_value> (source system.interface.name)"
      ip_version: "ipv4-unicast"
      name: "default_name_6"
      remote_ip: "<your_own_value>"
      remote_ip6: "<your_own_value>"
      vni: "9"
```

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, 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_geoip_country – Define geoip country name-ID table 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 geoip_country category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Define geoip country name-ID table.
    fortios_system_geoip_country:
      vdom:  "{{ vdom }}"
      state: "present"
      system_geoip_country:
        id:  "3"
        name: "default_name_4"
```

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, 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_geoip_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*

5.316.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and geoip_override category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
        ip6_range:
         -
            end_ip: "<your_own_value>"
            id:  "11"
            start_ip: "<your_own_value>"
        name: "default_name_13"
```

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, 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_global – Configure global attributes in Fortinet's FortiOS and FortiGate.

New in version 2.8.

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

5.317.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and global category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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: "tlsv1-1"
        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: "enable"
        admin_telnet_port: "23"
        admintimeout: "24"
        alias: "<your_own_value>"
        allow_traffic_redirect: "enable"
        anti_replay: "disable"
        arp_max_entry: "28"
        auth_cert: "<your_own_value> (source certificate.local.name)"
        auth_http_port: "30"
        auth_https_port: "31"
        auth_keepalive: "enable"
```

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```
        auth_session_limit: "block-new"
        auto_auth_extension_device: "enable"
        autorun_log_fsck: "enable"
        av_affinity: "<your_own_value>"
        av_failopen: "pass"
        av_failopen_session: "enable"
        batch_cmdb: "enable"
        block_session_timer: "40"
        br_fdb_max_entry: "41"
        cert_chain_max: "42"
        cfg_revert_timeout: "43"
        cfg_save: "automatic"
        check_protocol_header: "loose"
        check_reset_range: "strict"
        cli_audit_log: "enable"
        cloud_communication: "enable"
        clt_cert_req: "enable"
        cpu_use_threshold: "50"
        csr_ca_attribute: "enable"
        daily_restart: "enable"
        default_service_source_port: "<your_own_value>"
        device_identification_active_scan_delay: "54"
        device_idle_timeout: "55"
        dh_params: "1024"
        dnsproxy_worker_count: "57"
        dst: "enable"
        failtime: "59"
        faz_disk_buffer_size: "60"
        fds_statistics: "enable"
        fds_statistics_period: "62"
        fec_port: "63"
        fgd_alert_subscription: "advisory"
        fortiextender: "disable"
        fortiextender_data_port: "66"
        fortiextender_vlan_mode: "enable"
        fortiservice_port: "68"
        fortitoken_cloud: "enable"
        gui_allow_default_hostname: "enable"
        gui_certificates: "enable"
        gui_custom_language: "enable"
        gui_date_format: "yyyy/MM/dd"
        gui_date_time_source: "system"
        gui_device_latitude: "<your_own_value>"
        gui_device_longitude: "<your_own_value>"
        gui_display_hostname: "enable"
        gui_firmware_upgrade_setup_warning: "enable"
        gui_fortisandbox_cloud: "enable"
        gui_ipv6: "enable"
        gui_lines_per_page: "81"
        gui_theme: "green"
        gui_wireless_opensecurity: "enable"
        honor_df: "enable"
        hostname: "myhostname"
        igmp_state_limit: "86"
        interval: "87"
        ip_src_port_range: "<your_own_value>"
        ips_affinity: "<your_own_value>"
```

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```
        ipsec_asic_offload: "enable"
        ipsec_hmac_offload: "enable"
        ipsec_soft_dec_async: "enable"
        ipv6_accept_dad: "93"
        ipv6_allow_anycast_probe: "enable"
        language: "english"
        ldapconntimeout: "96"
        lldp_reception: "enable"
        lldp_transmission: "enable"
        log_ssl_connection: "enable"
        log_uuid_address: "enable"
        log_uuid_policy: "enable"
        login_timestamp: "enable"
        management_vdom: "<your_own_value> (source system.vdom.name)"
        max_dlpstat_memory: "104"
        max_route_cache_size: "105"
        memory_use_threshold_extreme: "106"
        memory_use_threshold_green: "107"
        memory_use_threshold_red: "108"
        miglog_affinity: "<your_own_value>"
        miglogd_children: "110"
        multi_factor_authentication: "optional"
        ndp_max_entry: "112"
        per_user_bwl: "enable"
        policy_auth_concurrent: "114"
        post_login_banner: "disable"
        pre_login_banner: "enable"
        private_data_encryption: "disable"
        proxy_auth_lifetime: "enable"
        proxy_auth_lifetime_timeout: "119"
        proxy_auth_timeout: "120"
        proxy_re_authentication_mode: "session"
        proxy_worker_count: "122"
        radius_port: "123"
        reboot_upon_config_restore: "enable"
        refresh: "125"
        remoteauthtimeout: "126"
        reset_sessionless_tcp: "enable"
        restart_time: "<your_own_value>"
        revision_backup_on_logout: "enable"
        revision_image_auto_backup: "enable"
        scanunit_count: "131"
        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: "137"
        ssd_trim_freq: "never"
        ssd_trim_hour: "139"
        ssd_trim_min: "140"
        ssd_trim_weekday: "sunday"
        ssh_cbc_cipher: "enable"
        ssh_hmac_md5: "enable"
        ssh_kex_sha1: "enable"
        ssh_mac_weak: "enable"
        ssl_min_proto_version: "SSLv3"
```

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```
        ssl_static_key_ciphers: "enable"
        sslvpn_max_worker_count: "148"
        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: "154"
        tcp_halfclose_timer: "155"
        tcp_halfopen_timer: "156"
        tcp_option: "enable"
        tcp_timewait_timer: "158"
        tftp: "enable"
        timezone: "01"
        traffic_priority: "tos"
        traffic_priority_level: "low"
        two_factor_email_expiry: "163"
        two_factor_fac_expiry: "164"
        two_factor_ftk_expiry: "165"
        two_factor_ftm_expiry: "166"
        two_factor_sms_expiry: "167"
        udp_idle_timer: "168"
        url_filter_affinity: "<your_own_value>"
        url_filter_count: "170"
        user_server_cert: "<your_own_value> (source certificate.local.name)"
        vip_arp_range: "unlimited"
        wad_affinity: "<your_own_value>"
        wad_csvc_cs_count: "174"
        wad_csvc_db_count: "175"
        wad_memory_change_granularity: "176"
        wad_source_affinity: "disable"
        wad_worker_count: "178"
        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: "183"
```

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, 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_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*

5.318.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and gre_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 GRE tunnel.
    fortios_system_gre_tunnel:
      vdom:  "{{ vdom }}"
      state: "present"
      system_gre_tunnel:
        checksum_reception: "disable"
        checksum_transmission: "disable"
        diffservcode: "<your_own_value>"
        dscp_copying: "disable"
        interface: "<your_own_value> (source system.interface.name)"
        ip_version: "4"
        keepalive_failtimes: "9"
        keepalive_interval: "10"
        key_inbound: "11"
        key_outbound: "12"
        local_gw: "<your_own_value>"
        local_gw6: "<your_own_value>"
        name: "default_name_15"
        remote_gw: "<your_own_value>"
        remote_gw6: "<your_own_value>"
        sequence_number_reception: "disable"
        sequence_number_transmission: "disable"
```

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, 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_ha – Configure HA 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 ha category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 HA.
    fortios_system_ha:
      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>"
        key: "<your_own_value>"
        l2ep_eth_type: "<your_own_value>"
        link_failed_signal: "enable"
        load_balance_all: "enable"
        logical_sn: "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>"
```

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```
        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"
            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>"
        ssd_failover: "enable"
        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: "79"
        vcluster2: "enable"
        vdom: "<your_own_value>"
        weight: "<your_own_value>"
```

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, 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_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*

5.320.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ha_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure HA monitor.
    fortios_system_ha_monitor:
      vdom:  "{{ vdom }}"
      system_ha_monitor:
        monitor_vlan: "enable"
        vlan_hb_interval: "4"
        vlan_hb_lost_threshold: "5"
```

5.320.6 Return Values

Common return values are documented: https://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_interface – Configure interfaces in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *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 interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
        ap_discover: "enable"
        arpforward: "enable"
        auth_type: "auto"
        auto_auth_extension_device: "enable"
        bandwidth_measure_time: "12"
        bfd: "global"
        bfd_desired_min_tx: "14"
        bfd_detect_mult: "15"
        bfd_required_min_rx: "16"
        broadcast_forward: "enable"
        cli_conn_status: "18"
        client_options:
         -
            code: "20"
            id:  "21"
            ip: "<your_own_value>"
            type: "hex"
            value: "<your_own_value>"
        color: "25"
        dedicated_to: "none"
        defaultgw: "enable"
        description: "<your_own_value>"
        detected_peer_mtu: "29"
        detectprotocol: "ping"
        detectserver: "<your_own_value>"
        device_identification: "enable"
        device_user_identification: "enable"
        devindex: "34"
        dhcp_client_identifier:  "myId_35"
        dhcp_relay_agent_option: "enable"
        dhcp_relay_ip: "<your_own_value>"
        dhcp_relay_service: "disable"
        dhcp_relay_type: "regular"
        dhcp_renew_time: "40"
        disc_retry_timeout: "41"
```

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```
        disconnect_threshold: "42"
        distance: "43"
        dns_server_override: "enable"
        drop_fragment: "enable"
        drop_overlapped_fragment: "enable"
        egress_shaping_profile: "<your_own_value> (source firewall.shaping-profile.
↪profile-name)"
        estimated_downstream_bandwidth: "48"
        estimated_upstream_bandwidth: "49"
        explicit_ftp_proxy: "enable"
        explicit_web_proxy: "enable"
        external: "enable"
        fail_action_on_extender: "soft-restart"
        fail_alert_interfaces:
         -
            name: "default_name_55 (source system.interface.name)"
        fail_alert_method: "link-failed-signal"
        fail_detect: "enable"
        fail_detect_option: "detectserver"
        fortilink: "enable"
        fortilink_backup_link: "60"
        fortilink_neighbor_detect: "lldp"
        fortilink_split_interface: "enable"
        fortilink_stacking: "enable"
        forward_domain: "64"
        gwdetect: "enable"
        ha_priority: "66"
        icmp_accept_redirect: "enable"
        icmp_send_redirect: "enable"
        ident_accept: "enable"
        idle_timeout: "70"
        inbandwidth: "71"
        ingress_shaping_profile: "<your_own_value> (source firewall.shaping-profile.
↪profile-name)"
        ingress_spillover_threshold: "73"
        interface: "<your_own_value> (source system.interface.name)"
        internal: "75"
        ip: "<your_own_value>"
        ip_managed_by_fortiipam: "enable"
        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: "87"
            dhcp6_prefix_hint_vlt: "88"
            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: "94"
            ip6_delegated_prefix_list:
```

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```
            -
                autonomous_flag: "enable"
                onlink_flag: "enable"
                prefix_id: "98"
                rdnss: "<your_own_value>"
                rdnss_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: "106"
            ip6_link_mtu: "107"
            ip6_manage_flag: "enable"
            ip6_max_interval: "109"
            ip6_min_interval: "110"
            ip6_mode: "static"
            ip6_other_flag: "enable"
            ip6_prefix_list:
            -
                autonomous_flag: "enable"
                dnssl:
                -
                    domain: "<your_own_value>"
                onlink_flag: "enable"
                preferred_life_time: "118"
                prefix: "<your_own_value>"
                rdnss: "<your_own_value>"
                valid_life_time: "121"
            ip6_reachable_time: "122"
            ip6_retrans_time: "123"
            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: "130"
            nd_timestamp_delta: "131"
            nd_timestamp_fuzz: "132"
            vrip6_link_local: "<your_own_value>"
            vrrp_virtual_mac6: "enable"
            vrrp6:
            -
                accept_mode: "enable"
                adv_interval: "137"
                preempt: "enable"
                priority: "139"
                start_time: "140"
                status: "enable"
                vrdst6: "<your_own_value>"
                vrgrp: "143"
                vrid: "144"
                vrip6: "<your_own_value>"
        l2forward: "enable"
        lacp_ha_slave: "enable"
```

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```
        lacp_mode: "static"
        lacp_speed: "slow"
        lcp_echo_interval: "150"
        lcp_max_echo_fails: "151"
        link_up_delay: "152"
        lldp_network_policy: "<your_own_value> (source system.lldp.network-policy.
↪name)"
        lldp_reception: "enable"
        lldp_transmission: "enable"
        macaddr: "<your_own_value>"
        managed_subnetwork_size: "256"
        management_ip: "<your_own_value>"
        measured_downstream_bandwidth: "159"
        measured_upstream_bandwidth: "160"
        member:
         -
            interface_name: "<your_own_value> (source system.interface.name)"
        min_links: "163"
        min_links_down: "operational"
        mode: "static"
        monitor_bandwidth: "enable"
        mtu: "167"
        mtu_override: "enable"
        name: "default_name_169"
        ndiscforward: "enable"
        netbios_forward: "disable"
        netflow_sampler: "disable"
        outbandwidth: "173"
        padt_retry_timeout: "174"
        password: "<your_own_value>"
        ping_serv_status: "176"
        polling_interval: "177"
        pppoe_unnumbered_negotiate: "enable"
        pptp_auth_type: "auto"
        pptp_client: "enable"
        pptp_password: "<your_own_value>"
        pptp_server_ip: "<your_own_value>"
        pptp_timeout: "183"
        pptp_user: "<your_own_value>"
        preserve_session_route: "enable"
        priority: "186"
        priority_override: "enable"
        proxy_captive_portal: "enable"
        redundant_interface: "<your_own_value>"
        remote_ip: "<your_own_value>"
        replacemsg_override_group: "<your_own_value>"
        ring_rx: "192"
        ring_tx: "193"
        role: "lan"
        sample_direction: "tx"
        sample_rate: "196"
        secondary_IP: "enable"
        secondaryip:
         -
            allowaccess: "ping"
            detectprotocol: "ping"
            detectserver: "<your_own_value>"
```

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```
            gwdetect: "enable"
            ha_priority: "203"
            id:  "204"
            ip: "<your_own_value>"
            ping_serv_status: "206"
        security_exempt_list: "<your_own_value>"
        security_external_logout: "<your_own_value>"
        security_external_web: "<your_own_value>"
        security_groups:
         -
            name: "default_name_211"
        security_mac_auth_bypass: "mac-auth-only"
        security_mode: "none"
        security_redirect_url: "<your_own_value>"
        service_name: "<your_own_value>"
        sflow_sampler: "enable"
        snmp_index: "217"
        speed: "auto"
        spillover_threshold: "219"
        src_check: "enable"
        status: "up"
        stpforward: "enable"
        stpforward_mode: "rpl-all-ext-id"
        subst: "enable"
        substitute_dst_mac: "<your_own_value>"
        swc_vlan: "226"
        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_feature: "none"
        switch_controller_igmp_snooping: "enable"
        switch_controller_igmp_snooping_fast_leave: "enable"
        switch_controller_igmp_snooping_proxy: "enable"
        switch_controller_learning_limit: "237"
        switch_controller_mgmt_vlan: "238"
        switch_controller_nac: "<your_own_value> (source switch-controller.nac-
↪settings.name)"
        switch_controller_rspan_mode: "disable"
        switch_controller_traffic_policy: "<your_own_value> (source switch-controller.
↪traffic-policy.name)"
        tagging:
         -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_244"
            tags:
             -
                name: "default_name_246 (source system.object-tagging.tags.name)"
        tcp_mss: "247"
        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>"
```

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```
        type: "physical"
        username: "<your_own_value>"
        vdom: "<your_own_value> (source system.vdom.name)"
        vindex: "257"
        vlan_protocol: "8021q"
        vlanforward: "enable"
        vlanid: "260"
        vrf: "261"
        vrrp:
         -
            accept_mode: "enable"
            adv_interval: "264"
            ignore_default_route: "enable"
            preempt: "enable"
            priority: "267"
            proxy_arp:
             -
                id:  "269"
                ip: "<your_own_value>"
            start_time: "271"
            status: "enable"
            version: "2"
            vrdst: "<your_own_value>"
            vrdst_priority: "275"
            vrgrp: "276"
            vrid: "277"
            vrip: "<your_own_value>"
        vrrp_virtual_mac: "enable"
        wccp: "enable"
        weight: "281"
        wins_ip: "<your_own_value>"
```

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, 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_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*

5.322.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipip_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.322.6 Return Values

Common return values are documented: https://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_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*

5.323.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ips_urlfilter_dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPS URL filter DNS servers.
    fortios_system_ips_urlfilter_dns:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_ips_urlfilter_dns:
      address: "<your_own_value>"
      ipv6_capability: "enable"
      status: "enable"
```

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, 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_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*

5.324.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ips_urlfilter_dns6 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure IPS URL filter IPv6 DNS servers.
    fortios_system_ips_urlfilter_dns6:
      vdom:  "{{ vdom }}"
      state: "present"
      system_ips_urlfilter_dns6:
        address6: "<your_own_value>"
        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, 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_ipsec_aggregate – Configure an aggregate of IPsec tunnels in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 ipsec_aggregate category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 an aggregate of IPsec tunnels.
    fortios_system_ipsec_aggregate:
      vdom:  "{{ vdom }}"
      state: "present"
      system_ipsec_aggregate:
        algorithm: "L3"
        member:
         -
            tunnel_name: "<your_own_value> (source vpn.ipsec.phase1-interface.name)"
        name: "default_name_6"
```

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, 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_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*

5.326.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipv6_neighbor_cache category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.326.6 Return Values

Common return values are documented: https://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_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*

5.327.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and ipv6_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 IPv6/IPv4 in IPv6 tunnel.
    fortios_system_ipv6_tunnel:
```

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```
    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>"
```

5.327.6 Return Values

Common return values are documented: https://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_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*

5.328.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and link_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

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```
        name: "default_name_12"
        packet_size: "13"
        password: "<your_own_value>"
        port: "15"
        probe_count: "16"
        probe_timeout: "17"
        protocol: "ping"
        recoverytime: "19"
        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"
```

5.328.6 Return Values

Common return values are documented: https://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_lldp_network_policy – Configure LLDP network policy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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_lldp feature and network_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure LLDP network policy.
    fortios_system_lldp_network_policy:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_lldp_network_policy:
      comment: "Comment."
      guest:
          dscp: "5"
          priority: "6"
          status: "disable"
          tag: "none"
          vlan: "9"
      guest_voice_signaling:
          dscp: "11"
          priority: "12"
          status: "disable"
          tag: "none"
          vlan: "15"
      name: "default_name_16"
      softphone:
          dscp: "18"
          priority: "19"
          status: "disable"
          tag: "none"
          vlan: "22"
      streaming_video:
          dscp: "24"
          priority: "25"
          status: "disable"
          tag: "none"
          vlan: "28"
      video_conferencing:
          dscp: "30"
          priority: "31"
          status: "disable"
          tag: "none"
          vlan: "34"
      video_signaling:
          dscp: "36"
          priority: "37"
          status: "disable"
          tag: "none"
          vlan: "40"
      voice:
          dscp: "42"
          priority: "43"
          status: "disable"
          tag: "none"
          vlan: "46"
      voice_signaling:
          dscp: "48"
          priority: "49"
          status: "disable"
          tag: "none"
          vlan: "52"
```

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, 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

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

5.330.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and lte_modem category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
```

5.330.6 Return Values

Common return values are documented: https://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_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*

5.331.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and mac_address_table category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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>"
```

5.331.6 Return Values

Common return values are documented: https://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_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*

5.332.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and management_tunnel category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Management tunnel configuration.
    fortios_system_management_tunnel:
      vdom:  "{{ vdom }}"
      system_management_tunnel:
        allow_collect_statistics: "enable"
        allow_config_restore: "enable"
        allow_push_configuration: "enable"
        allow_push_firmware: "enable"
        authorized_manager_only: "enable"
        serial_number: "<your_own_value>"
        status: "enable"
```

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, 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)

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

5.333 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*

5.333.1 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 v6.4.0

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:
```

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```
    vdom: "root"
    ansible_httpapi_use_ssl: yes
    ansible_httpapi_validate_certs: no
    ansible_httpapi_port: 443
  tasks:
  - name: Configure Mobile tunnels, an implementation of Network Mobility (NEMO)␣
↪extensions for Mobile IPv4 RFC5177.
    fortios_system_mobile_tunnel:
      vdom:  "{{ vdom }}"
      state: "present"
      system_mobile_tunnel:
        hash_algorithm: "hmac-md5"
        home_address: "<your_own_value>"
        home_agent: "<your_own_value>"
        lifetime: "6"
        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"
```

5.333.6 Return Values

Common return values are documented: https://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_system_modem – Configure MODEM in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.334.1 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 v6.4.0

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 MODEM.
    fortios_system_modem:
      vdom:  "{{ vdom }}"
      system_modem:
        action: "dial"
        altmode: "enable"
        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"
```

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```
        traffic_check: "enable"
        username1: "<your_own_value>"
        username2: "<your_own_value>"
        username3: "<your_own_value>"
        wireless_port: "48"
```

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, 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_system_nat64 – Configure NAT64 in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.335.1 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 v6.4.0

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 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"
```

5.335.6 Return Values

Common return values are documented: https://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_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*

5.336.1 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 v6.4.0

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 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"
```

5.336.6 Return Values

Common return values are documented: https://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_system_netflow – Configure NetFlow in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.337.1 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 v6.4.0

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 NetFlow.
    fortios_system_netflow:
      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"
```

5.337.6 Return Values

Common return values are documented: https://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_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*

5.338.1 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 v6.4.0

5.338.2 Requirements

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

- ansible>=2.9.0

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"
```

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```
  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"
```

5.338.6 Return Values

Common return values are documented: https://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_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*

5.339.1 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 v6.4.0

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 NPU attributes.
    fortios_system_npu:
      vdom:  "{{ vdom }}"
      system_npu:
        fp_anomaly:
            esp_minlen_err: "drop"
            icmp_csum_err: "drop"
```

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```
            icmp_minlen_err: "drop"
            ipv4_csum_err: "drop"
            ipv4_ihl_err: "drop"
            ipv4_len_err: "drop"
            ipv4_opt_err: "drop"
            ipv4_ttlzero_err: "drop"
            ipv4_ver_err: "drop"
            ipv6_exthdr_len_err: "drop"
            ipv6_exthdr_order_err: "drop"
            ipv6_ihl_err: "drop"
            ipv6_plen_zero: "drop"
            ipv6_ver_err: "drop"
            tcp_csum_err: "drop"
            tcp_hlen_err: "drop"
            tcp_plen_err: "drop"
            udp_csum_err: "drop"
            udp_hlen_err: "drop"
            udp_len_err: "drop"
            udp_plen_err: "drop"
            udplite_cover_err: "drop"
            udplite_csum_err: "drop"
            unknproto_minlen_err: "drop"
        iph_rsvd_re_cksum: "enable"
        per_session_accounting: "disable"
```

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, 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_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*

5.340.1 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 v6.4.0

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 system NTP information.
   fortios_system_ntp:
     vdom:  "{{ vdom }}"
     system_ntp:
       authentication: "enable"
       interface:
        -
           interface_name: "<your_own_value> (source system.interface.name)"
       key: "<your_own_value>"
       key_id: "7"
       key_type: "MD5"
       ntpserver:
        -
           authentication: "enable"
           id:  "11"
           key: "<your_own_value>"
           key_id: "13"
           ntpv3: "enable"
           server: "192.168.100.40"
       ntpsync: "enable"
       server_mode: "enable"
       source_ip: "84.230.14.43"
       source_ip6: "<your_own_value>"
       syncinterval: "20"
       type: "fortiguard"
```

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, 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_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*

5.341.1 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 v6.4.0

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"
   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"
```

5.341.6 Return Values

Common return values are documented: https://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_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*

5.342.1 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 v6.4.0

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:
```

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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"
```

5.342.6 Return Values

Common return values are documented: https://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_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*

5.343.1 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 v6.4.0

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:
```

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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"
```

5.343.6 Return Values

Common return values are documented: https://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_system_performance_top – Display information about the top CPU processes in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system_performance feature and top category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Display information about the top CPU processes.
    fortios_system_performance_top:
```

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```
    vdom:  "{{ vdom }}"
    system_performance_top:
      <delay>: "<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, 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_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*

5.345.1 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 v6.4.0

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 physical switches.
    fortios_system_physical_switch:
      vdom:  "{{ vdom }}"
      state: "present"
      system_physical_switch:
        age_enable: "enable"
        age_val: "4"
        name: "default_name_5"
```

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, 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_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*

5.346.1 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 v6.4.0

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 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"
        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>"
```

5.346.6 Return Values

Common return values are documented: https://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_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*

5.347.1 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 v6.4.0

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 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"
```

5.347.6 Return Values

Common return values are documented: https://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_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*

5.348.1 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 v6.4.0

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 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>"
```

5.348.6 Return Values

Common return values are documented: https://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_system_ptp – Configure system PTP information in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system feature and ptp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure system PTP information.
    fortios_system_ptp:
```

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```
    vdom:  "{{ vdom }}"
    system_ptp:
      delay_mechanism: "E2E"
      interface: "<your_own_value> (source system.interface.name)"
      mode: "multicast"
      request_interval: "6"
      status: "enable"
```

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, 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_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*

5.350.1 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 v6.4.0

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: 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>"
```

5.350.6 Return Values

Common return values are documented: https://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_system_replacemsg_alertmail – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 system_replacemsg feature and alertmail category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_alertmail:
      vdom:  "{{ vdom }}"
      state: "present"
      system_replacemsg_alertmail:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<your_own_value>"
```

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, 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_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*

5.352.1 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 v6.4.0

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: 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>"
```

5.352.6 Return Values

Common return values are documented: https://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_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*

5.353.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_device_detection_portal:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_replacemsg_device_detection_portal:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

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, 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_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*

5.354.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_fortiguard_wf:
      vdom:  "{{ vdom }}"
      state: "present"
      system_replacemsg_fortiguard_wf:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<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, 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_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*

5.355.1 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 v6.4.0

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"
   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>"
```

5.355.6 Return Values

Common return values are documented: https://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_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*

5.356.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and replacemsg_group category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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>"
            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>"
        fortiguard_wf:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
        ftp:
         -
            buffer: "<your_own_value>"
```

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```
            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_60"
        nntp:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
        spam:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
        sslvpn:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
        traffic_quota:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
        utm:
         -
            buffer: "<your_own_value>"
            format: "none"
```

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```
            header: "none"
            msg_type: "<your_own_value>"
        webproxy:
         -
            buffer: "<your_own_value>"
            format: "none"
            header: "none"
            msg_type: "<your_own_value>"
```

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, 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_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*

5.357.1 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 v6.4.0

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: 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>"
```

5.357.6 Return Values

Common return values are documented: https://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)
- Jie Xue (@JieX19)
- Miguel Angel 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_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*

5.358.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_icap:
      vdom:  "{{ vdom }}"
      state: "present"
      system_replacemsg_icap:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<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, 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_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*

5.359.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and replacemsg_image category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

5.359.6 Return Values

Common return values are documented: https://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_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*

5.360.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_mail:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_replacemsg_mail:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<your_own_value>"
```

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, 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_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*

5.361.1 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 v6.4.0

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: 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>"
```

5.361.6 Return Values

Common return values are documented: https://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_system_replacemsg_nntp – Replacement messages in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *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 system_replacemsg feature and nntp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_nntp:
      vdom:  "{{ vdom }}"
      state: "present"
      system_replacemsg_nntp:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<your_own_value>"
```

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, 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_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*

5.363.1 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 v6.4.0

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"
   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>"
```

5.363.6 Return Values

Common return values are documented: https://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_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*

5.364.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_sslvpn:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    system_replacemsg_sslvpn:
      buffer: "<your_own_value>"
      format: "none"
      header: "none"
      msg_type: "<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, 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_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*

5.365.1 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 v6.4.0

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: 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>"
```

5.365.6 Return Values

Common return values are documented: https://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_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*

5.366.1 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 v6.4.0

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: Replacement messages.
    fortios_system_replacemsg_utm:
      vdom:  "{{ vdom }}"
      state: "present"
      system_replacemsg_utm:
        buffer: "<your_own_value>"
        format: "none"
        header: "none"
        msg_type: "<your_own_value>"
```

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, 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_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*

5.367.1 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 v6.4.0

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: 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>"
```

5.367.6 Return Values

Common return values are documented: https://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_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*

5.368.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and resource_limits category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 resource limits.
    fortios_system_resource_limits:
```

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```
    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"
```

5.368.6 Return Values

Common return values are documented: https://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_system_saml – Global settings for SAML authentication in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system feature and saml category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Global settings for SAML authentication.
    fortios_system_saml:
```

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```
    vdom:  "{{ vdom }}"
    system_saml:
      cert: "<your_own_value> (source certificate.local.name)"
      default_login_page: "normal"
      default_profile: "<your_own_value> (source system.accprofile.name)"
      entity_id: "<your_own_value>"
      idp_cert: "<your_own_value> (source certificate.remote.name)"
      idp_entity_id: "<your_own_value>"
      idp_single_logout_url: "<your_own_value>"
      idp_single_sign_on_url: "<your_own_value>"
      life: "11"
      portal_url: "<your_own_value>"
      role: "identity-provider"
      server_address: "<your_own_value>"
      service_providers:
       -
          assertion_attributes:
           -
              name: "default_name_17"
              type: "username"
          idp_entity_id: "<your_own_value>"
          idp_single_logout_url: "<your_own_value>"
          idp_single_sign_on_url: "<your_own_value>"
          name: "default_name_22"
          prefix: "<your_own_value>"
          sp_cert: "<your_own_value> (source certificate.remote.name)"
          sp_entity_id: "<your_own_value>"
          sp_portal_url: "<your_own_value>"
          sp_single_logout_url: "<your_own_value>"
          sp_single_sign_on_url: "<your_own_value>"
      single_logout_url: "<your_own_value>"
      single_sign_on_url: "<your_own_value>"
      status: "enable"
      tolerance: "32"
```

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, 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_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*

5.370.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sdn_connector category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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>"
        domain: "<your_own_value>"
        external_ip:
         -
            name: "default_name_10"
        gcp_project: "<your_own_value>"
        group_name: "<your_own_value>"
        ha_status: "disable"
        login_endpoint: "<your_own_value>"
        name: "default_name_15"
        nic:
         -
            ip:
             -
                name: "default_name_18"
                public_ip: "<your_own_value>"
                resource_group: "<your_own_value>"
            name: "default_name_21"
        oci_cert: "<your_own_value> (source certificate.local.name)"
        oci_fingerprint: "<your_own_value>"
        oci_region: "<your_own_value>"
        oci_region_type: "commercial"
        password: "<your_own_value>"
        private_key: "<your_own_value>"
        region: "<your_own_value>"
        resource_group: "<your_own_value>"
        resource_url: "<your_own_value>"
        route:
         -
            name: "default_name_32"
        route_table:
         -
            name: "default_name_34"
            resource_group: "<your_own_value>"
            route:
             -
```

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```
                name: "default_name_37"
                next_hop: "<your_own_value>"
        secret_key: "<your_own_value>"
        secret_token: "<your_own_value>"
        server: "192.168.100.40"
        server_port: "42"
        service_account: "<your_own_value>"
        status: "disable"
        subscription_id: "<your_own_value>"
        tenant_id: "<your_own_value>"
        type: "aci"
        update_interval: "48"
        use_metadata_iam: "disable"
        user_id: "<your_own_value>"
        username: "<your_own_value>"
        vpc_id: "<your_own_value>"
```

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, 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_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*

5.371.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and session_helper category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 session helper.
    fortios_system_session_helper:
      vdom:  "{{ vdom }}"
```

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```
    state: "present"
    system_session_helper:
      id:  "3"
      name: "default_name_4"
      port: "5"
      protocol: "6"
```

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, 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_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*

5.372.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and session_ttl category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
            protocol: "7"
            start_port: "8"
            timeout: "<your_own_value>"
```

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, 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_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*

5.373.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and settings category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   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"
        auxiliary_session: "enable"
        bfd: "enable"
        bfd_desired_min_tx: "11"
        bfd_detect_mult: "12"
        bfd_dont_enforce_src_port: "enable"
        bfd_required_min_rx: "14"
        block_land_attack: "disable"
        central_nat: "enable"
        comments: "<your_own_value>"
        consolidated_firewall_mode: "<your_own_value>"
        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: "25"
```

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```
        ecmp_max_paths: "26"
        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_38"
        gui_dhcp_advanced: "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_fortiextender_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_disclaimer: "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"
        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"
```

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```
        ike_quick_crash_detect: "enable"
        ike_session_resume: "enable"
        ip: "<your_own_value>"
        ip6: "<your_own_value>"
        link_down_access: "enable"
        lldp_reception: "enable"
        lldp_transmission: "enable"
        mac_ttl: "89"
        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: "98"
        sctp_session_without_init: "enable"
        ses_denied_traffic: "enable"
        sip_expectation: "enable"
        sip_nat_trace: "enable"
        sip_ssl_port: "103"
        sip_tcp_port: "104"
        sip_udp_port: "105"
        snat_hairpin_traffic: "enable"
        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: "113"
        wccp_cache_engine: "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, 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_system_sflow – Configure sFlow in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.374.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and sflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure sFlow.
    fortios_system_sflow:
      vdom:  "{{ vdom }}"
      system_sflow:
        collector_ip: "<your_own_value>"
        collector_port: "4"
        source_ip: "84.230.14.43"
```

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, 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_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*

5.375.1 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 v6.4.0

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: Configure IPv6 tunnel over IPv4.
    fortios_system_sit_tunnel:
```

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```
    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>"
```

5.375.6 Return Values

Common return values are documented: https://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_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*

5.376.1 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 v6.4.0

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: 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"
```

5.376.6 Return Values

Common return values are documented: https://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_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*

5.377.1 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 v6.4.0

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: SNMP community configuration.
    fortios_system_snmp_community:
      vdom:  "{{ vdom }}"
      state: "present"
      system_snmp_community:
        events: "cpu-high"
        hosts:
         -
            ha_direct: "enable"
            host_type: "any"
            id:  "7"
            ip: "<your_own_value>"
            source_ip: "84.230.14.43"
        hosts6:
         -
            ha_direct: "enable"
            host_type: "any"
            id:  "13"
            ipv6: "<your_own_value>"
            source_ipv6: "<your_own_value>"
        id:  "16"
        name: "default_name_17"
        query_v1_port: "18"
        query_v1_status: "enable"
        query_v2c_port: "20"
        query_v2c_status: "enable"
        status: "enable"
```

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```
        trap_v1_lport: "23"
        trap_v1_rport: "24"
        trap_v1_status: "enable"
        trap_v2c_lport: "26"
        trap_v2c_rport: "27"
        trap_v2c_status: "enable"
```

5.377.6 Return Values

Common return values are documented: https://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_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*

5.378.1 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 v6.4.0

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: 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"
```

5.378.6 Return Values

Common return values are documented: https://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_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*

5.379.1 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 v6.4.0

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: SNMP user configuration.
    fortios_system_snmp_user:
      vdom:  "{{ vdom }}"
      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"
```

5.379.6 Return Values

Common return values are documented: https://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_system_speed_test_server – Configure speed test server list in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system feature and speed_test_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure speed test server list.
    fortios_system_speed_test_server:
      vdom:  "{{ vdom }}"
      state: "present"
      system_speed_test_server:
        host:
         -
            id:  "4"
            ip: "<your_own_value>"
            password: "<your_own_value>"
            port: "7"
            user: "<your_own_value>"
        name: "default_name_9"
        timestamp: "10"
```

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, 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_system_sso_admin – Configure SSO admin users in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system feature and sso_admin category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure SSO admin users.
    fortios_system_sso_admin:
      vdom:  "{{ vdom }}"
      state: "present"
      system_sso_admin:
        accprofile: "<your_own_value> (source system.accprofile.name)"
        name: "default_name_4"
        vdom:
         -
            name: "default_name_6 (source system.vdom.name)"
```

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, 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_system_standalone_cluster – Configure FortiGate Session Life Support Protocol (FGSP) cluster attributes in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 system feature and standalone_cluster category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Configure FortiGate Session Life Support Protocol (FGSP) cluster attributes.
    fortios_system_standalone_cluster:
      vdom:  "{{ vdom }}"
      system_standalone_cluster:
        encryption: "enable"
        group_member_id: "4"
        layer2_connection: "available"
        psksecret: "<your_own_value>"
        session_sync_dev: "<your_own_value> (source system.interface.name)"
        standalone_group_id: "8"
```

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, 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_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*

5.383.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and storage category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Configure logical storage.
  fortios_system_storage:
    vdom:  "{{ vdom }}"
    state: "present"
    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"
```

5.383.6 Return Values

Common return values are documented: https://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_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*

5.384.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and stp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   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:
```

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```
    vdom:  "{{ vdom }}"
    system_stp:
      forward_delay: "3"
      hello_time: "4"
      max_age: "5"
      max_hops: "6"
      switch_priority: "0"
```

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, 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_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*

5.385.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and switch_interface category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   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"
```

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```
        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)"
```

5.385.6 Return Values

Common return values are documented: https://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_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*

5.386.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and tos_based_priority category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.386.6 Return Values

Common return values are documented: https://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_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*

5.387.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 virtual domain.
    fortios_system_vdom:
      vdom:  "{{ vdom }}"
      state: "present"
      system_vdom:
        flag: "3"
        name: "default_name_4"
        short_name: "<your_own_value>"
        vcluster_id: "6"
```

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, 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_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*

5.388.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_dns category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 DNS servers for a non-management VDOM.
    fortios_system_vdom_dns:
      vdom:  "{{ vdom }}"
      system_vdom_dns:
        dns_over_tls: "disable"
        ip6_primary: "<your_own_value>"
        ip6_secondary: "<your_own_value>"
        primary: "<your_own_value>"
        secondary: "<your_own_value>"
        server_hostname:
         -
            hostname: "myhostname"
        source_ip: "84.230.14.43"
        ssl_certificate: "<your_own_value> (source certificate.local.name)"
        vdom_dns: "enable"
```

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, 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_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*
- *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 system feature and vdom_exception category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
    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"
        scope: "all"
        vdom:
         -
            name: "default_name_7 (source system.vdom.name)"
```

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, 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_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*

5.390.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_link category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 VDOM links.
    fortios_system_vdom_link:
      vdom:  "{{ vdom }}"
```

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```
    state: "present"
    system_vdom_link:
      name: "default_name_3"
      type: "ppp"
      vcluster: "vcluster1"
```

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, 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_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*

5.391.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_netflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.391.6 Return Values

Common return values are documented: https://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_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*

5.392.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_property category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 VDOM property.
    fortios_system_vdom_property:
      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>"
```

5.392.6 Return Values

Common return values are documented: https://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_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*

5.393.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_radius_server category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.393.6 Return Values

Common return values are documented: https://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_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*

5.394.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vdom_sflow category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:

- 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 sFlow per VDOM to add or change the IP address and UDP port that␣
↪FortiGate sFlow agents in this VDOM use to send sFlow datagrams to an
     sFlow collector.
    fortios_system_vdom_sflow:
      vdom:  "{{ vdom }}"
      system_vdom_sflow:
        collector_ip: "<your_own_value>"
        collector_port: "4"
        source_ip: "84.230.14.43"
        vdom_sflow: "enable"
```

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, 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_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*

5.395.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual_switch category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  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"
       span_dest_port: "<your_own_value>"
       span_direction: "rx"
       span_source_port: "<your_own_value>"
```

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, 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_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*

5.396.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual_wan_link category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
```

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```
  vdom: "root"
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
 tasks:
 - name: Configure redundant internet connections using SD-WAN (formerly virtual WAN␣
↪link).
   fortios_system_virtual_wan_link:
     vdom:  "{{ vdom }}"
     system_virtual_wan_link:
       fail_alert_interfaces:
        -
           name: "default_name_4 (source system.interface.name)"
       fail_detect: "enable"
       health_check:
        -
           addr_mode: "ipv4"
           diffservcode: "<your_own_value>"
           dns_request_domain: "<your_own_value>"
           failtime: "10"
           ha_priority: "11"
           http_agent: "<your_own_value>"
           http_get: "<your_own_value>"
           http_match: "<your_own_value>"
           interval: "15"
           members:
            -
               seq_num: "17 (source system.virtual-wan-link.members.seq-num)"
           name: "default_name_18"
           packet_size: "19"
           password: "<your_own_value>"
           port: "21"
           probe_count: "22"
           probe_packets: "disable"
           probe_timeout: "24"
           protocol: "ping"
           recoverytime: "26"
           security_mode: "none"
           server: "192.168.100.40"
           sla:
            -
               id:  "30"
               jitter_threshold: "31"
               latency_threshold: "32"
               link_cost_factor: "latency"
               packetloss_threshold: "34"
           sla_fail_log_period: "35"
           sla_pass_log_period: "36"
           system_dns: "disable"
           threshold_alert_jitter: "38"
           threshold_alert_latency: "39"
           threshold_alert_packetloss: "40"
           threshold_warning_jitter: "41"
           threshold_warning_latency: "42"
           threshold_warning_packetloss: "43"
           update_cascade_interface: "enable"
           update_static_route: "enable"
```

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```
        load_balance_mode: "source-ip-based"
        members:
         -
            comment: "Comments."
            cost: "49"
            gateway: "<your_own_value>"
            gateway6: "<your_own_value>"
            ingress_spillover_threshold: "52"
            interface: "<your_own_value> (source system.interface.name)"
            priority: "54"
            seq_num: "55"
            source: "<your_own_value>"
            source6: "<your_own_value>"
            spillover_threshold: "58"
            status: "disable"
            volume_ratio: "60"
            weight: "61"
        neighbor:
         -
            health_check: "<your_own_value> (source system.virtual-wan-link.health-
↪check.name)"
            ip: "<your_own_value> (source router.bgp.neighbor.ip)"
            member: "65 (source system.virtual-wan-link.members.seq-num)"
            role: "standalone"
            sla_id: "67"
        neighbor_hold_boot_time: "68"
        neighbor_hold_down: "enable"
        neighbor_hold_down_time: "70"
        service:
         -
            addr_mode: "ipv4"
            bandwidth_weight: "73"
            default: "enable"
            dscp_forward: "enable"
            dscp_forward_tag: "<your_own_value>"
            dscp_reverse: "enable"
            dscp_reverse_tag: "<your_own_value>"
            dst:
             -
                name: "default_name_80 (source firewall.address.name firewall.addrgrp.
↪name)"
            dst_negate: "enable"
            dst6:
             -
                name: "default_name_83 (source firewall.address6.name firewall.
↪addrgrp6.name)"
            end_port: "84"
            gateway: "enable"
            groups:
             -
                name: "default_name_87 (source user.group.name)"
            health_check:
             -
                name: "default_name_89 (source system.virtual-wan-link.health-check.
↪name)"
            hold_down_time: "90"
            id:  "91"
```

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```
            input_device:
             -
                name: "default_name_93 (source system.interface.name)"
            input_device_negate: "enable"
            internet_service: "enable"
            internet_service_app_ctrl:
             -
                id:  "97"
            internet_service_app_ctrl_group:
             -
                name: "default_name_99 (source application.group.name)"
            internet_service_custom:
             -
                name: "default_name_101 (source firewall.internet-service-custom.name)
↪"
            internet_service_custom_group:
             -
                name: "default_name_103 (source firewall.internet-service-custom-
↪group.name)"
            internet_service_group:
             -
                name: "default_name_105 (source firewall.internet-service-group.name)"
            internet_service_name:
             -
                name: "default_name_107 (source firewall.internet-service-name.name)"
            jitter_weight: "108"
            latency_weight: "109"
            link_cost_factor: "latency"
            link_cost_threshold: "111"
            mode: "auto"
            name: "default_name_113"
            packet_loss_weight: "114"
            priority_members:
             -
                seq_num: "116 (source system.virtual-wan-link.members.seq-num)"
            protocol: "117"
            quality_link: "118"
            role: "standalone"
            route_tag: "120"
            sla:
             -
                health_check: "<your_own_value> (source system.virtual-wan-link.
↪health-check.name)"
                id:  "123"
            sla_compare_method: "order"
            src:
             -
                name: "default_name_126 (source firewall.address.name firewall.
↪addrgrp.name)"
            src_negate: "enable"
            src6:
             -
                name: "default_name_129 (source firewall.address6.name firewall.
↪addrgrp6.name)"
            standalone_action: "enable"
            start_port: "131"
            status: "enable"
```

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```
            tos: "<your_own_value>"
            tos_mask: "<your_own_value>"
            users:
             -
                name: "default_name_136 (source user.local.name)"
        status: "disable"
```

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, 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_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*

5.397.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and virtual_wire_pair category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: 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"
```

5.397.6 Return Values

Common return values are documented: https://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_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*

5.398.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vmlicense 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"
   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 }}"
```

5.398.6 Return Values

Common return values are documented: https://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

- 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.

5.399 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*

5.399.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and vxlan category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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"
```

5.399.6 Return Values

Common return values are documented: https://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_system_wccp – Configure WCCP in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.400.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and wccp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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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"
```

5.400.6 Return Values

Common return values are documented: https://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_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*

5.401.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify system feature and zone category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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 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:
        description: "<your_own_value>"
        interface:
         -
            interface_name: "<your_own_value> (source system.interface.name)"
        intrazone: "allow"
        name: "default_name_7"
        tagging:
         -
            category: "<your_own_value> (source system.object-tagging.category)"
            name: "default_name_10"
            tags:
             -
                name: "default_name_12 (source system.object-tagging.tags.name)"
```

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, 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)

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

5.402 fortios_test_acd – Aggregate Controller in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and acd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Aggregate Controller.
    fortios_test_acd:
      vdom:  "{{ vdom }}"
      test_acd:
        <Integer>: "<your_own_value>"
```

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, 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)

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

5.403 fortios_test_acid – Cisco Application Centric Infrastructure (Direct Connection) daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and acid category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Cisco Application Centric Infrastructure (Direct Connection) daemon.
    fortios_test_acid:
      vdom:  "{{ vdom }}"
```

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```
    test_acid:
      <Integer>: "<your_own_value>"
```

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, 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_test_autod – Automation daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and autod category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Automation daemon.
    fortios_test_autod:
      vdom:  "{{ vdom }}"
      test_autod:
        <Integer>: "<your_own_value>"
```

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, 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_test_awsd – Amazon Web Services (AWS) daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and awsd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Amazon Web Services (AWS) daemon.
    fortios_test_awsd:
      vdom:  "{{ vdom }}"
      test_awsd:
        <Integer>: "<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, 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_test_azd – Microsoft Azure daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and azd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Microsoft Azure daemon.
  fortios_test_azd:
    vdom:  "{{ vdom }}"
    test_azd:
      <Integer>: "<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, 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_test_bfd – BFD daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and bfd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: BFD daemon.
    fortios_test_bfd:
      vdom:  "{{ vdom }}"
      test_bfd:
        <Integer>: "<your_own_value>"
```

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, 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_test_csfd – Security Fabric daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and csfd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Security Fabric daemon.
    fortios_test_csfd:
      vdom:  "{{ vdom }}"
      test_csfd:
        <Integer>: "<your_own_value>"
```

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, 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_test_ddnscd – DDNS client daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ddnscd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: DDNS client daemon.
  fortios_test_ddnscd:
    vdom:  "{{ vdom }}"
    test_ddnscd:
      <Integer>: "<your_own_value>"
```

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, 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_test_dhcp6c – DHCP6 client daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and dhcp6c category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: DHCP6 client daemon.
    fortios_test_dhcp6c:
      vdom:  "{{ vdom }}"
      test_dhcp6c:
        <Integer>: "<your_own_value>"
```

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, 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_test_dhcp6r – DHCP6 relay daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and dhcp6r category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: DHCP6 relay daemon.
    fortios_test_dhcp6r:
      vdom:  "{{ vdom }}"
      test_dhcp6r:
        <Integer>: "<your_own_value>"
```

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, 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_test_dhcprelay – DHCP relay daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and dhcprelay category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: DHCP relay daemon.
  fortios_test_dhcprelay:
    vdom:  "{{ vdom }}"
    test_dhcprelay:
      <Integer>: "<your_own_value>"
```

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, 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_test_dlpfingerprint – DLP fingerprint daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and dlpfingerprint category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: DLP fingerprint daemon.
    fortios_test_dlpfingerprint:
      vdom:  "{{ vdom }}"
      test_dlpfingerprint:
        <Integer>: "<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, 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_test_dlpfpcache – DLP fingerprint cache daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and dlpfpcache category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: DLP fingerprint cache daemon.
    fortios_test_dlpfpcache:
      vdom:  "{{ vdom }}"
      test_dlpfpcache:
        <Integer>: "<your_own_value>"
```

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, 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_test_dnsproxy – DNS proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *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 test feature and dnsproxy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: DNS proxy.
  fortios_test_dnsproxy:
    vdom:  "{{ vdom }}"
    test_dnsproxy:
      <Integer>: "<your_own_value>"
```

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, 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_test_dsd – DLP Statistics daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

- *Return Values*
- *Status*
- *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 test feature and dsd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: DLP Statistics daemon.
    fortios_test_dsd:
      vdom:  "{{ vdom }}"
      test_dsd:
        <Integer>: "<your_own_value>"
```

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, 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_test_fas – FortiToken Cloud daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and fas category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: FortiToken Cloud daemon.
    fortios_test_fas:
      vdom:  "{{ vdom }}"
      test_fas:
        <Integer>: "<your_own_value>"
```

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, 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_test_fcnacd – FortiClient NAC daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and fcnacd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FortiClient NAC daemon.
  fortios_test_fcnacd:
    vdom:  "{{ vdom }}"
    test_fcnacd:
      <Integer>: "<your_own_value>"
```

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, 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_test_fnbamd – Fortigate non-blocking auth daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and fnbamd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Fortigate non-blocking auth daemon.
    fortios_test_fnbamd:
      vdom:  "{{ vdom }}"
      test_fnbamd:
        <Integer>: "<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, 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_test_forticldd – FortiCloud daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and forticldd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: FortiCloud daemon.
    fortios_test_forticldd:
      vdom:  "{{ vdom }}"
      test_forticldd:
        <Integer>: "<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, 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_test_forticron – Forticron daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and forticron category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: Forticron daemon.
  fortios_test_forticron:
    vdom:  "{{ vdom }}"
    test_forticron:
      <Integer>: "<your_own_value>"
```

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, 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_test_fsd – FortiExplorer daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and fsd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: FortiExplorer daemon.
    fortios_test_fsd:
      vdom:  "{{ vdom }}"
      test_fsd:
        <Integer>: "<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, 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_test_fsvrd – FortiService daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and fsvrd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: FortiService daemon.
    fortios_test_fsvrd:
      vdom:  "{{ vdom }}"
      test_fsvrd:
        <Integer>: "<your_own_value>"
```

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, 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_test_ftpd – FTP proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ftpd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: FTP proxy.
  fortios_test_ftpd:
    vdom:  "{{ vdom }}"
    test_ftpd:
      <Integer>: "<your_own_value>"
```

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, 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_test_gcpd – Google Cloud Platform (GCP) daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and gcpd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Google Cloud Platform (GCP) daemon.
    fortios_test_gcpd:
      vdom:  "{{ vdom }}"
      test_gcpd:
        <Integer>: "<your_own_value>"
```

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, 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_test_harelay – HA relay daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and harelay category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: HA relay daemon.
    fortios_test_harelay:
      vdom:  "{{ vdom }}"
      test_harelay:
        <Integer>: "<your_own_value>"
```

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, 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_test_hasync – HA sync daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and hasync category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: HA sync daemon.
  fortios_test_hasync:
    vdom:  "{{ vdom }}"
    test_hasync:
      <Integer>: "<your_own_value>"
```

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, 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_test_hatalk – HA talk daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and hatalk category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: HA talk daemon.
    fortios_test_hatalk:
      vdom:  "{{ vdom }}"
      test_hatalk:
        <Integer>: "<your_own_value>"
```

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, 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_test_imap – IMAP proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and imap category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: IMAP proxy.
    fortios_test_imap:
      vdom:  "{{ vdom }}"
      test_imap:
        <Integer>: "<your_own_value>"
```

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, 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_test_info_sslvpnd – SSL-VPN info daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and info_sslvpnd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: SSL-VPN info daemon.
  fortios_test_info_sslvpnd:
    vdom:  "{{ vdom }}"
    test_info_sslvpnd:
      <Integer>: "<your_own_value>"
```

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, 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_test_init – init process in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and init category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: init process.
    fortios_test_init:
      vdom:  "{{ vdom }}"
      test_init:
        <Integer>: "<your_own_value>"
```

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, the following are the fields unique to this module:

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_test_iotd – IoT device info daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and iotd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: IoT device info daemon.
    fortios_test_iotd:
      vdom:  "{{ vdom }}"
      test_iotd:
        <Integer>: "<your_own_value>"
```

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, 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_test_ipamd – IP Address Management daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ipamd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: IP Address Management daemon.
  fortios_test_ipamd:
    vdom:  "{{ vdom }}"
    test_ipamd:
      <Integer>: "<your_own_value>"
```

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, 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_test_ipldbd – IP load balancing daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ipldbd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: IP load balancing daemon.
    fortios_test_ipldbd:
      vdom:  "{{ vdom }}"
      test_ipldbd:
        <Integer>: "<your_own_value>"
```

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, 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_test_ipsengine – ips senso in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *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 test feature and ipsengine category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: ips sensor
    fortios_test_ipsengine:
      vdom:  "{{ vdom }}"
      test_ipsengine:
        <Integer>: "<your_own_value>"
```

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, 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_test_ipsmonitor – ips monito in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ipsmonitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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"
```

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```
  ansible_httpapi_use_ssl: yes
  ansible_httpapi_validate_certs: no
  ansible_httpapi_port: 443
tasks:
- name: ips monitor
  fortios_test_ipsmonitor:
    vdom:  "{{ vdom }}"
    test_ipsmonitor:
      <Integer>: "<your_own_value>"
```

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, 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_test_ipsufd – IPS urlfilter daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *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 test feature and ipsufd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: IPS urlfilter daemon.
    fortios_test_ipsufd:
      vdom:  "{{ vdom }}"
      test_ipsufd:
        <Integer>: "<your_own_value>"
```

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, 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_test_kubed – Kubernetes daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *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 test feature and kubed category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

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: Kubernetes daemon.
    fortios_test_kubed:
      vdom:  "{{ vdom }}"
      test_kubed:
        <Integer>: "<your_own_value>"
```

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, 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

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

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

5.439 fortios_test_l2tpcd – L2TP client daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.439.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and l2tpcd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.439.2 Requirements

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

- ansible>=2.9.0

5.439.3 Parameters

5.439.4 Notes

Note:

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

5.439.5 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: L2TP client daemon.
  fortios_test_l2tpcd:
    vdom:  "{{ vdom }}"
    test_l2tpcd:
      <Integer>: "<your_own_value>"
```

5.439.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.439.7 Status

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

5.439.8 Authors

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

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

5.440 fortios_test_lnkmtd – Link monitor daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.440.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and lnkmtd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.440.2 Requirements

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

- ansible>=2.9.0

5.440.3 Parameters

5.440.4 Notes

Note:

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

5.440.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Link monitor daemon.
    fortios_test_lnkmtd:
      vdom:  "{{ vdom }}"
      test_lnkmtd:
        <Integer>: "<your_own_value>"
```

5.440.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.440.7 Status

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

5.440.8 Authors

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

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

5.441 fortios_test_lted – USB LTE daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.441.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and lted category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.441.2 Requirements

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

- ansible>=2.9.0

5.441.3 Parameters

5.441.4 Notes

Note:

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

5.441.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: USB LTE daemon.
    fortios_test_lted:
      vdom:  "{{ vdom }}"
      test_lted:
        <Integer>: "<your_own_value>"
```

5.441.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.441.7 Status

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

5.441.8 Authors

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

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

5.442 fortios_test_miglogd – Miglog logging daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.442.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and miglogd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.442.2 Requirements

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

- ansible>=2.9.0

5.442.3 Parameters

5.442.4 Notes

Note:

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

5.442.5 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: Miglog logging daemon.
  fortios_test_miglogd:
    vdom:  "{{ vdom }}"
    test_miglogd:
      <Integer>: "<your_own_value>"
```

5.442.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.442.7 Status

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

5.442.8 Authors

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

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

5.443 fortios_test_mrd – Mobile router daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.443.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and mrd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.443.2 Requirements

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

- ansible>=2.9.0

5.443.3 Parameters

5.443.4 Notes

Note:

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

5.443.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Mobile router daemon.
    fortios_test_mrd:
      vdom:  "{{ vdom }}"
      test_mrd:
        <Integer>: "<your_own_value>"
```

5.443.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.443.7 Status

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

5.443.8 Authors

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

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

5.444 fortios_test_netxd – VMWare NetX service manager daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.444.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and netxd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.444.2 Requirements

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

- ansible>=2.9.0

5.444.3 Parameters

5.444.4 Notes

Note:

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

5.444.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: VMWare NetX service manager daemon.
    fortios_test_netxd:
      vdom:  "{{ vdom }}"
      test_netxd:
        <Integer>: "<your_own_value>"
```

5.444.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.444.7 Status

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

5.444.8 Authors

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

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

5.445 fortios_test_nntp – NNTP proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.445.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and nntp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.445.2 Requirements

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

- ansible>=2.9.0

5.445.3 Parameters

5.445.4 Notes

Note:

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

5.445.5 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: NNTP proxy.
  fortios_test_nntp:
    vdom:  "{{ vdom }}"
    test_nntp:
      <Integer>: "<your_own_value>"
```

5.445.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.445.7 Status

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

5.445.8 Authors

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

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

5.446 fortios_test_ocid – Oracle Cloud Infrastructure in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.446.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and ocid category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.446.2 Requirements

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

- ansible>=2.9.0

5.446.3 Parameters

5.446.4 Notes

Note:

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

5.446.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Oracle Cloud Infrastructure.
    fortios_test_ocid:
      vdom:  "{{ vdom }}"
      test_ocid:
        <Integer>: "<your_own_value>"
```

5.446.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.446.7 Status

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

5.446.8 Authors

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

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

5.447 fortios_test_openstackd – OpenStack SDN connector daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.447.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and openstackd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.447.2 Requirements

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

- ansible>=2.9.0

5.447.3 Parameters

5.447.4 Notes

Note:

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

5.447.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: OpenStack SDN connector daemon.
    fortios_test_openstackd:
      vdom:  "{{ vdom }}"
      test_openstackd:
        <Integer>: "<your_own_value>"
```

5.447.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.447.7 Status

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

5.447.8 Authors

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

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

5.448 fortios_test_ovrd – Override daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.448.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and ovrd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.448.2 Requirements

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

- ansible>=2.9.0

5.448.3 Parameters

5.448.4 Notes

Note:

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

5.448.5 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: Override daemon.
  fortios_test_ovrd:
    vdom:  "{{ vdom }}"
    test_ovrd:
      <Integer>: "<your_own_value>"
```

5.448.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.448.7 Status

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

5.448.8 Authors

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

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

5.449 fortios_test_pop3 – POP3 proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.449.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and pop3 category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.449.2 Requirements

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

- ansible>=2.9.0

5.449.3 Parameters

5.449.4 Notes

Note:

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

5.449.5 Examples

```
- hosts: fortigates
  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 proxy.
    fortios_test_pop3:
      vdom:  "{{ vdom }}"
      test_pop3:
        <Integer>: "<your_own_value>"
```

5.449.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.449.7 Status

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

5.449.8 Authors

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

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

5.450 fortios_test_pptpcd – PPTP client in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.450.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and pptpcd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.450.2 Requirements

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

- ansible>=2.9.0

5.450.3 Parameters

5.450.4 Notes

Note:

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

5.450.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: PPTP client.
    fortios_test_pptpcd:
      vdom:  "{{ vdom }}"
      test_pptpcd:
        <Integer>: "<your_own_value>"
```

5.450.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.450.7 Status

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

5.450.8 Authors

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

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

5.451 fortios_test_quarantined – Quarantine daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.451.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and quarantined category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.451.2 Requirements

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

- ansible>=2.9.0

5.451.3 Parameters

5.451.4 Notes

Note:

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

5.451.5 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: Quarantine daemon.
  fortios_test_quarantined:
    vdom:  "{{ vdom }}"
    test_quarantined:
      <Integer>: "<your_own_value>"
```

5.451.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.451.7 Status

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

5.451.8 Authors

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

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

5.452 fortios_test_radius_das – Radius-das daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.452.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and radius_das category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.452.2 Requirements

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

- ansible>=2.9.0

5.452.3 Parameters

5.452.4 Notes

Note:

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

5.452.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Radius-das daemon.
    fortios_test_radius_das:
      vdom:  "{{ vdom }}"
      test_radius_das:
        <Integer>: "<your_own_value>"
```

5.452.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.452.7 Status

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

5.452.8 Authors

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

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

5.453 fortios_test_radiusd – RADIUS daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.453.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and radiusd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.453.2 Requirements

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

- ansible>=2.9.0

5.453.3 Parameters

5.453.4 Notes

Note:

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

5.453.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: RADIUS daemon.
    fortios_test_radiusd:
      vdom:  "{{ vdom }}"
      test_radiusd:
        <Integer>: "<your_own_value>"
```

5.453.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.453.7 Status

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

5.453.8 Authors

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

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

5.454 fortios_test_radvd – radvd daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.454.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and radvd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.454.2 Requirements

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

- ansible>=2.9.0

5.454.3 Parameters

5.454.4 Notes

Note:

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

5.454.5 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: radvd daemon.
  fortios_test_radvd:
    vdom:  "{{ vdom }}"
    test_radvd:
      <Integer>: "<your_own_value>"
```

5.454.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.454.7 Status

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

5.454.8 Authors

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

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

5.455 fortios_test_reportd – Report daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.455.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and reportd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.455.2 Requirements

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

- ansible>=2.9.0

5.455.3 Parameters

5.455.4 Notes

Note:

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

5.455.5 Examples

```
- hosts: fortigates
  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 daemon.
    fortios_test_reportd:
      vdom:  "{{ vdom }}"
      test_reportd:
        <Integer>: "<your_own_value>"
```

5.455.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.455.7 Status

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

5.455.8 Authors

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

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

5.456 fortios_test_sdncd – SDN Connector daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.456.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and sdncd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.456.2 Requirements

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

- ansible>=2.9.0

5.456.3 Parameters

5.456.4 Notes

Note:

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

5.456.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: SDN Connector daemon.
    fortios_test_sdncd:
      vdom:  "{{ vdom }}"
      test_sdncd:
        <Integer>: "<your_own_value>"
```

5.456.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.456.7 Status

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

5.456.8 Authors

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

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

5.457 fortios_test_sepmd – Symantec Endpoint Protection Manager daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.457.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and sepmd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.457.2 Requirements

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

- ansible>=2.9.0

5.457.3 Parameters

5.457.4 Notes

Note:

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

5.457.5 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: Symantec Endpoint Protection Manager daemon.
  fortios_test_sepmd:
    vdom:  "{{ vdom }}"
    test_sepmd:
      <Integer>: "<your_own_value>"
```

5.457.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.457.7 Status

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

5.457.8 Authors

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

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

5.458 fortios_test_sessionsync – session sync daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.458.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and sessionsync category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.458.2 Requirements

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

- ansible>=2.9.0

5.458.3 Parameters

5.458.4 Notes

Note:

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

5.458.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: session sync daemon.
    fortios_test_sessionsync:
      vdom:  "{{ vdom }}"
      test_sessionsync:
        <Integer>: "<your_own_value>"
```

5.458.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.458.7 Status

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

5.458.8 Authors

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

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

5.459 fortios_test_sflowd – sFlow daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.459.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and sflowd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.459.2 Requirements

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

- ansible>=2.9.0

5.459.3 Parameters

5.459.4 Notes

Note:

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

5.459.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: sFlow daemon.
    fortios_test_sflowd:
      vdom:  "{{ vdom }}"
      test_sflowd:
        <Integer>: "<your_own_value>"
```

5.459.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.459.7 Status

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

5.459.8 Authors

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

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

5.460 fortios_test_smtp – SMTP proxy in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.460.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and smtp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.460.2 Requirements

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

- ansible>=2.9.0

5.460.3 Parameters

5.460.4 Notes

Note:

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

5.460.5 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: SMTP proxy.
  fortios_test_smtp:
    vdom:  "{{ vdom }}"
    test_smtp:
      <Integer>: "<your_own_value>"
```

5.460.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.460.7 Status

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

5.460.8 Authors

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

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

5.461 fortios_test_snmpd – SNMP daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.461.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and snmpd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.461.2 Requirements

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

- ansible>=2.9.0

5.461.3 Parameters

5.461.4 Notes

Note:

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

5.461.5 Examples

```
- hosts: fortigates
  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 daemon.
    fortios_test_snmpd:
      vdom:  "{{ vdom }}"
      test_snmpd:
        <Integer>: "<your_own_value>"
```

5.461.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.461.7 Status

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

5.461.8 Authors

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

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

5.462 fortios_test_uploadd – Upload daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.462.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and uploadd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.462.2 Requirements

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

- ansible>=2.9.0

5.462.3 Parameters

5.462.4 Notes

Note:

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

5.462.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Upload daemon.
    fortios_test_uploadd:
      vdom:  "{{ vdom }}"
      test_uploadd:
        <Integer>: "<your_own_value>"
```

5.462.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.462.7 Status

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

5.462.8 Authors

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

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

5.463 fortios_test_urlfilter – URL filter daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.463.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and urlfilter category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.463.2 Requirements

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

- ansible>=2.9.0

5.463.3 Parameters

5.463.4 Notes

Note:

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

5.463.5 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: URL filter daemon.
  fortios_test_urlfilter:
    vdom:  "{{ vdom }}"
    test_urlfilter:
      <Integer>: "<your_own_value>"
```

5.463.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.463.7 Status

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

5.463.8 Authors

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

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

5.464 fortios_test_vmwd – VMware vSphere daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.464.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and vmwd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.464.2 Requirements

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

- ansible>=2.9.0

5.464.3 Parameters

5.464.4 Notes

Note:

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

5.464.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: VMware vSphere daemon.
    fortios_test_vmwd:
      vdom:  "{{ vdom }}"
      test_vmwd:
        <Integer>: "<your_own_value>"
```

5.464.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.464.7 Status

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

5.464.8 Authors

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

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

5.465 fortios_test_wad – WAD related processes in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.465.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and wad category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.465.2 Requirements

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

- ansible>=2.9.0

5.465.3 Parameters

5.465.4 Notes

Note:

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

5.465.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: WAD related processes.
    fortios_test_wad:
      vdom:  "{{ vdom }}"
      test_wad:
        <Integer>: "<your_own_value>"
```

5.465.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.465.7 Status

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

5.465.8 Authors

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

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

5.466 fortios_test_wccpd – WCCP daemon in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.466.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and wccpd category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.466.2 Requirements

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

- ansible>=2.9.0

5.466.3 Parameters

5.466.4 Notes

Note:

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

5.466.5 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: WCCP daemon.
  fortios_test_wccpd:
    vdom:  "{{ vdom }}"
    test_wccpd:
      <Integer>: "<your_own_value>"
```

5.466.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.466.7 Status

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

5.466.8 Authors

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

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

5.467 fortios_test_wf_monitor – WF monitor in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.467.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and wf_monitor category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.467.2 Requirements

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

- ansible>=2.9.0

5.467.3 Parameters

5.467.4 Notes

Note:

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

5.467.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: WF monitor.
    fortios_test_wf_monitor:
      vdom:  "{{ vdom }}"
      test_wf_monitor:
        <Integer>: "<your_own_value>"
```

5.467.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.467.7 Status

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

5.467.8 Authors

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

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

5.468 fortios_test_zebos_launcher – ZEBOS Launcher daemo in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.468.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify test feature and zebos_launcher category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.468.2 Requirements

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

- ansible>=2.9.0

5.468.3 Parameters

5.468.4 Notes

Note:

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

5.468.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: ZEBOS Launcher daemon
    fortios_test_zebos_launcher:
      vdom:  "{{ vdom }}"
      test_zebos_launcher:
        <Integer>: "<your_own_value>"
```

5.468.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.468.7 Status

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

5.468.8 Authors

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

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

5.469 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*

5.469.1 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 v6.4.0

5.469.2 Requirements

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

- ansible>=2.9.0

5.469.3 Parameters

5.469.4 Notes

Note:

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

5.469.5 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 groups.
   fortios_user_adgrp:
     vdom:  "{{ vdom }}"
     state: "present"
     user_adgrp:
       connector_source: "<your_own_value>"
       id:  "4"
       name: "default_name_5"
       server_name: "<your_own_value>"
```

5.469.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.469.7 Status

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

5.469.8 Authors

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

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

5.470 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*

5.470.1 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 v6.4.0

5.470.2 Requirements

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

- ansible>=2.9.0

5.470.3 Parameters

5.470.4 Notes

Note:

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

5.470.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        extra_server:
         -
            id:  "5"
```

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```
            ip_address: "<your_own_value>"
            port: "7"
        ip_address: "<your_own_value>"
        ldap_server: "<your_own_value> (source user.ldap.name)"
        name: "default_name_10"
        port: "11"
```

5.470.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.470.7 Status

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

5.470.8 Authors

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

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

5.471 fortios_user_exchange – Configure MS Exchange server entries in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

- *Authors*

5.471.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and exchange category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.471.2 Requirements

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

- ansible>=2.9.0

5.471.3 Parameters

5.471.4 Notes

Note:

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

5.471.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure MS Exchange server entries.
    fortios_user_exchange:
      vdom:  "{{ vdom }}"
      state: "present"
      user_exchange:
        auth_level: "connect"
        auth_type: "spnego"
        auto_discover_kdc: "enable"
        connect_protocol: "rpc-over-tcp"
        domain_name: "<your_own_value>"
        http_auth_type: "basic"
        ip: "<your_own_value>"
        kdc_ip:
         -
            ipv4: "<your_own_value>"
```

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```
        name: "default_name_12"
        password: "<your_own_value>"
        server_name: "<your_own_value>"
        ssl_min_proto_version: "default"
        username: "<your_own_value>"
```

5.471.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.471.7 Status

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

5.471.8 Authors

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

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

5.472 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*

5.472.1 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 v6.4.0

5.472.2 Requirements

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

- ansible>=2.9.0

5.472.3 Parameters

5.472.4 Notes

Note:

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

5.472.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        serial_number: "<your_own_value>"
        status: "active"
```

5.472.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.472.7 Status

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

5.472.8 Authors

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

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

5.473 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*

5.473.1 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 v6.4.0

5.473.2 Requirements

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

- ansible>=2.9.0

5.473.3 Parameters

5.473.4 Notes

Note:

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

5.473.5 Examples

```
- hosts: fortigates
  collections:
    - 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) agents.
    fortios_user_fsso:
      vdom:  "{{ vdom }}"
      state: "present"
      user_fsso:
        group_poll_interval: "3"
        ldap_poll: "enable"
        ldap_poll_filter: "<your_own_value>"
        ldap_poll_interval: "6"
        ldap_server: "<your_own_value> (source user.ldap.name)"
        name: "default_name_8"
        password: "<your_own_value>"
        password2: "<your_own_value>"
        password3: "<your_own_value>"
        password4: "<your_own_value>"
        password5: "<your_own_value>"
        port: "14"
        port2: "15"
        port3: "16"
        port4: "17"
        port5: "18"
        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>"
        ssl: "enable"
        ssl_trusted_cert: "<your_own_value> (source vpn.certificate.remote.name vpn.
↪certificate.ca.name)"
        type: "default"
        user_info_server: "<your_own_value> (source user.ldap.name)"
```

5.473.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.473.7 Status

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

5.473.8 Authors

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

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

5.474 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*

5.474.1 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 v6.4.0

5.474.2 Requirements

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

- ansible>=2.9.0

5.474.3 Parameters

5.474.4 Notes

Note:

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

5.474.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure FSSO active directory servers for polling mode.
    fortios_user_fsso_polling:
      vdom:  "{{ vdom }}"
      state: "present"
      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"
        smb_ntlmv1_auth: "enable"
        smbv1: "enable"
        status: "enable"
        user: "<your_own_value>"
```

5.474.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.474.7 Status

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

5.474.8 Authors

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

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

5.475 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*

5.475.1 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 v6.4.0

5.475.2 Requirements

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

- ansible>=2.9.0

5.475.3 Parameters

5.475.4 Notes

Note:

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

5.475.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure user groups.
    fortios_user_group:
      vdom:  "{{ vdom }}"
      state: "present"
      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>"
            id:  "16"
            mobile_phone: "<your_own_value>"
            name: "default_name_18"
            password: "<your_own_value>"
            sponsor: "<your_own_value>"
            user_id: "<your_own_value>"
        http_digest_realm: "<your_own_value>"
        id:  "23"
        match:
         -
            group_name: "<your_own_value>"
            id:  "26"
            server_name: "<your_own_value> (source user.radius.name user.ldap.name␣
↪user.tacacs+.name user.saml.name)"
        max_accounts: "28"
```

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```
        member:
         -
            name: "default_name_30 (source user.peer.name user.local.name user.radius.
↪name user.tacacs+.name user.ldap.name user.saml.name user.adgrp.name
                user.pop3.name)"
        mobile_phone: "disable"
        multiple_guest_add: "disable"
        name: "default_name_33"
        password: "auto-generate"
        sms_custom_server: "<your_own_value> (source system.sms-server.name)"
        sms_server: "fortiguard"
        sponsor: "optional"
        sso_attribute_value: "<your_own_value>"
        user_id: "email"
        user_name: "disable"
```

5.475.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.475.7 Status

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

5.475.8 Authors

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

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

5.476 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*

5.476.1 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 v6.4.0

5.476.2 Requirements

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

- ansible>=2.9.0

5.476.3 Parameters

5.476.4 Notes

Note:

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

5.476.5 Examples

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

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```
        ldap_server: "<your_own_value> (source user.ldap.name)"
        name: "default_name_5"
        pac_data: "enable"
        principal: "<your_own_value>"
```

5.476.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.476.7 Status

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

5.476.8 Authors

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

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

5.477 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*

5.477.1 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 v6.4.0

5.477.2 Requirements

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

- ansible>=2.9.0

5.477.3 Parameters

5.477.4 Notes

Note:

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

5.477.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        obtain_user_info: "enable"
        password: "<your_own_value>"
        password_expiry_warning: "enable"
```

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```
        password_renewal: "enable"
        port: "18"
        search_type: "recursive"
        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>"
        two_factor: "disable"
        two_factor_authentication: "fortitoken"
        two_factor_notification: "email"
        type: "simple"
        user_info_exchange_server: "<your_own_value> (source user.exchange.name)"
        username: "<your_own_value>"
```

5.477.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.477.7 Status

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

5.477.8 Authors

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

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

5.478 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*

5.478.1 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 v6.4.0

5.478.2 Requirements

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

- ansible>=2.9.0

5.478.3 Parameters

5.478.4 Notes

Note:

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

5.478.5 Examples

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

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```
    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"
      two_factor_authentication: "fortitoken"
      two_factor_notification: "email"
      type: "password"
      username_case_insensitivity: "enable"
      workstation: "<your_own_value>"
```

5.478.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.478.7 Status

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

5.478.8 Authors

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

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

5.479 fortios_user_nac_policy – Configure NAC policy matching pattern to identify matching NAC devices in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.479.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and nac_policy category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.479.2 Requirements

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

- ansible>=2.9.0

5.479.3 Parameters

5.479.4 Notes

Note:

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

5.479.5 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 NAC policy matching pattern to identify matching NAC devices.
   fortios_user_nac_policy:
     vdom:  "{{ vdom }}"
     state: "present"
     user_nac_policy:
       category: "device"
       description: "<your_own_value>"
       family: "<your_own_value>"
       host: "myhostname"
       hw_vendor: "<your_own_value>"
       hw_version: "<your_own_value>"
       mac: "<your_own_value>"
       name: "default_name_10"
       os: "<your_own_value>"
       src: "<your_own_value>"
       status: "enable"
       sw_version: "<your_own_value>"
       switch_auto_auth: "global"
       switch_fortilink: "<your_own_value> (source system.interface.name)"
       switch_mac_policy: "<your_own_value> (source switch-controller.mac-policy.
↪name)"
       switch_port_policy: "<your_own_value> (source switch-controller.port-policy.
↪name)"
       switch_scope:
        -
           switch_id: "<your_own_value> (source switch-controller.managed-switch.
↪switch-id)"
       type: "<your_own_value>"
       user: "<your_own_value>"
       user_group: "<your_own_value> (source user.group.name)"
```

5.479.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.479.7 Status

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

5.479.8 Authors

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

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

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

5.480 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*

5.480.1 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 v6.4.0

5.480.2 Requirements

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

- ansible>=2.9.0

5.480.3 Parameters

5.480.4 Notes

Note:

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

5.480.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        expired_password_renewal: "enable"
        name: "default_name_5"
        warn_days: "6"
```

5.480.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.480.7 Status

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

5.480.8 Authors

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

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

5.481 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*

5.481.1 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 v6.4.0

5.481.2 Requirements

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

- ansible>=2.9.0

5.481.3 Parameters

5.481.4 Notes

Note:

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

5.481.5 Examples

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

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```
      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"
```

5.481.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.481.7 Status

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

5.481.8 Authors

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

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

5.482 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*

5.482.1 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 v6.4.0

5.482.2 Requirements

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

- ansible>=2.9.0

5.482.3 Parameters

5.482.4 Notes

Note:

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

5.482.5 Examples

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

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```
    state: "present"
    user_peergrp:
      member:
       -
          name: "default_name_4 (source user.peer.name)"
      name: "default_name_5"
```

5.482.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.482.7 Status

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

5.482.8 Authors

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

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

5.483 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*

5.483.1 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 v6.4.0

5.483.2 Requirements

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

- ansible>=2.9.0

5.483.3 Parameters

5.483.4 Notes

Note:

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

5.483.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: POP3 server entry configuration.
    fortios_user_pop3:
      vdom:  "{{ vdom }}"
      state: "present"
      user_pop3:
        name: "default_name_3"
        port: "4"
        secure: "none"
        server: "192.168.100.40"
        ssl_min_proto_version: "default"
```

5.483.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.483.7 Status

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

5.483.8 Authors

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

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

5.484 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*

5.484.1 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 v6.4.0

5.484.2 Requirements

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

- ansible>=2.9.0

5.484.3 Parameters

5.484.4 Notes

Note:

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

5.484.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure quarantine support.
    fortios_user_quarantine:
      vdom:  "{{ vdom }}"
      user_quarantine:
        firewall_groups: "<your_own_value> (source firewall.addrgrp.name)"
        quarantine: "enable"
        targets:
         -
            description: "<your_own_value>"
            entry: "<your_own_value>"
            macs:
             -
                description: "<your_own_value>"
                drop: "disable"
                mac: "<your_own_value>"
                parent: "<your_own_value>"
        traffic_policy: "<your_own_value> (source switch-controller.traffic-policy.
↪name)"
```

5.484.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.484.7 Status

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

5.484.8 Authors

- Link Zheng (@chillancezen)

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

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

5.485 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*

5.485.1 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 v6.4.0

5.485.2 Requirements

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

- ansible>=2.9.0

5.485.3 Parameters

5.485.4 Notes

Note:

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

5.485.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
         -
            name: "default_name_15"
        group_override_attr_type: "filter-Id"
        h3c_compatibility: "enable"
        name: "default_name_18"
        nas_ip: "<your_own_value>"
        password_encoding: "auto"
        password_renewal: "enable"
        radius_coa: "enable"
        radius_port: "23"
        rsso: "enable"
        rsso_context_timeout: "25"
        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: "31"
        rsso_radius_response: "enable"
        rsso_radius_server_port: "33"
        rsso_secret: "<your_own_value>"
        rsso_validate_request_secret: "enable"
        secondary_secret: "<your_own_value>"
```

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```
        secondary_server: "<your_own_value>"
        secret: "<your_own_value>"
        server: "192.168.100.40"
        source_ip: "84.230.14.43"
        sso_attribute: "User-Name"
        sso_attribute_key: "<your_own_value>"
        sso_attribute_value_override: "enable"
        switch_controller_acct_fast_framedip_detect: "44"
        tertiary_secret: "<your_own_value>"
        tertiary_server: "<your_own_value>"
        timeout: "47"
        use_management_vdom: "enable"
        username_case_sensitive: "enable"
```

5.485.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.485.7 Status

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

5.485.8 Authors

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

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

5.486 fortios_user_saml – SAML server entry configuration in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.486.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify user feature and saml category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.486.2 Requirements

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

- ansible>=2.9.0

5.486.3 Parameters

5.486.4 Notes

Note:

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

5.486.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: SAML server entry configuration.
    fortios_user_saml:
      vdom:  "{{ vdom }}"
      state: "present"
      user_saml:
        cert: "<your_own_value> (source vpn.certificate.local.name)"
        entity_id: "<your_own_value>"
        group_name: "<your_own_value>"
        idp_cert: "<your_own_value> (source vpn.certificate.remote.name)"
```

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```
        idp_entity_id: "<your_own_value>"
        idp_single_logout_url: "<your_own_value>"
        idp_single_sign_on_url: "<your_own_value>"
        name: "default_name_10"
        single_logout_url: "<your_own_value>"
        single_sign_on_url: "<your_own_value>"
        user_name: "<your_own_value>"
```

5.486.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.486.7 Status

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

5.486.8 Authors

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

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

5.487 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*

5.487.1 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 v6.4.0

5.487.2 Requirements

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

- ansible>=2.9.0

5.487.3 Parameters

5.487.4 Notes

Note:

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

5.487.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
         -
            dstaddr:
             -
                name: "default_name_7 (source firewall.address.name firewall.addrgrp.
↪name)"
            id:  "8"
```

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```
            service:
             -
                name: "default_name_10 (source firewall.service.custom.name firewall.
↪service.group.name)"
            srcaddr:
             -
                name: "default_name_12 (source firewall.address.name firewall.addrgrp.
↪name)"
```

5.487.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.487.7 Status

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

5.487.8 Authors

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

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

5.488 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*

5.488.1 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 v6.4.0

5.488.2 Requirements

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

- ansible>=2.9.0

5.488.3 Parameters

5.488.4 Notes

Note:

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

5.488.5 Examples

```
- hosts: fortigates
  collections:
    - 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_on_demand: "always"
        auth_portal_timeout: "11"
        auth_ports:
```

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```
        -
            id:  "13"
            port: "14"
            type: "http"
        auth_secure_http: "enable"
        auth_src_mac: "enable"
        auth_ssl_allow_renegotiation: "enable"
        auth_ssl_min_proto_version: "default"
        auth_timeout: "20"
        auth_timeout_type: "idle-timeout"
        auth_type: "http"
        per_policy_disclaimer: "enable"
        radius_ses_timeout_act: "hard-timeout"
```

5.488.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.488.7 Status

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

5.488.8 Authors

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

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

5.489 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*

5.489.1 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 v6.4.0

5.489.2 Requirements

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

- ansible>=2.9.0

5.489.3 Parameters

5.489.4 Notes

Note:

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

5.489.5 Examples

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

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```
        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>"
```

5.489.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.489.7 Status

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

5.489.8 Authors

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

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

5.490 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*

5.490.1 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 v6.4.0

5.490.2 Requirements

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

- ansible>=2.9.0

5.490.3 Parameters

5.490.4 Notes

Note:

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

5.490.5 Examples

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

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```
        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"
            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"
```

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```
            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_port_range: "<your_own_value>"
            nat_trace: "disable"
            no_sdp_fixup: "disable"
            notify_rate: "79"
            open_contact_pinhole: "disable"
            open_record_route_pinhole: "disable"
            open_register_pinhole: "disable"
            open_via_pinhole: "disable"
            options_rate: "84"
            prack_rate: "85"
            preserve_override: "disable"
            provisional_invite_expiry_time: "87"
            publish_rate: "88"
            refer_rate: "89"
            register_contact_trace: "disable"
            register_rate: "91"
            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_frags: "enable"
            ssl_server_certificate: "<your_own_value> (source vpn.certificate.local.
↪name)"
            status: "disable"
            strict_register: "disable"
            subscribe_rate: "107"
            unknown_header: "discard"
            update_rate: "109"
```

5.490.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.490.7 Status

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

5.490.8 Authors

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

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

5.491 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*

5.491.1 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 v6.4.0

5.491.2 Requirements

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

- ansible>=2.9.0

5.491.3 Parameters

5.491.4 Notes

Note:

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

5.491.5 Examples

```
- hosts: fortigates
  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>"
        name: "default_name_6"
        range: "global"
        scep_url: "<your_own_value>"
        source: "factory"
        source_ip: "84.230.14.43"
        ssl_inspection_trusted: "enable"
```

5.491.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.491.7 Status

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

5.491.8 Authors

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

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

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

5.492 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*

5.492.1 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 v6.4.0

5.492.2 Requirements

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

- ansible>=2.9.0

5.492.3 Parameters

5.492.4 Notes

Note:

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

5.492.5 Examples

```
- hosts: fortigates
  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>"
        ldap_password: "<your_own_value>"
        ldap_server: "<your_own_value>"
        ldap_username: "<your_own_value>"
        name: "default_name_8"
        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: "14"
        update_vdom: "<your_own_value> (source system.vdom.name)"
```

5.492.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.492.7 Status

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

5.492.8 Authors

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

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

5.493 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*

5.493.1 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 v6.4.0

5.493.2 Requirements

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

- ansible>=2.9.0

5.493.3 Parameters

5.493.4 Notes

Note:

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

5.493.5 Examples

```
- hosts: fortigates
  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: "keyupate"
        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"
        name: "default_name_16"
        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>"
```

5.493.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.493.7 Status

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

5.493.8 Authors

- Link Zheng (@chillancezen)

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

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

5.494 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*

5.494.1 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 v6.4.0

5.494.2 Requirements

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

- ansible>=2.9.0

5.494.3 Parameters

5.494.4 Notes

Note:

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

5.494.5 Examples

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

5.494.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.494.7 Status

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

5.494.8 Authors

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

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

5.495 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*

5.495.1 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 v6.4.0

5.495.2 Requirements

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

- ansible>=2.9.0

5.495.3 Parameters

5.495.4 Notes

Note:

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

5.495.5 Examples

```
- hosts: fortigates
  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"
```

5.495.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.495.7 Status

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

5.495.8 Authors

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

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

5.496 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*

5.496.1 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 v6.4.0

5.496.2 Requirements

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

- ansible>=2.9.0

5.496.3 Parameters

5.496.4 Notes

Note:

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

5.496.5 Examples

```
- hosts: fortigates
  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:
```

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```
    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_ecdsa521: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ed25519: "<your_own_value> (source vpn.certificate.local.name)"
      certname_ed448: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa1024: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa2048: "<your_own_value> (source vpn.certificate.local.name)"
      certname_rsa4096: "<your_own_value> (source vpn.certificate.local.name)"
      check_ca_cert: "enable"
      check_ca_chain: "enable"
      cmp_save_extra_certs: "enable"
      cn_match: "substring"
      ocsp_default_server: "<your_own_value> (source vpn.certificate.ocsp-server.
↪name)"
      ocsp_option: "certificate"
      ocsp_status: "enable"
      ssl_min_proto_version: "default"
      ssl_ocsp_source_ip: "<your_own_value>"
      strict_crl_check: "enable"
      strict_ocsp_check: "enable"
      subject_match: "substring"
```

5.496.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.496.7 Status

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

5.496.8 Authors

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

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

5.497 fortios_vpn_ike_gateway – List gateways in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.497.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify vpn_ike feature and gateway category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.497.2 Requirements

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

- ansible>=2.9.0

5.497.3 Parameters

5.497.4 Notes

Note:

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

5.497.5 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: List gateways.
  fortios_vpn_ike_gateway:
    vdom:  "{{ vdom }}"
    vpn_ike_gateway:
      <name>: "<your_own_value>"
```

5.497.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.497.7 Status

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

5.497.8 Authors

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

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

5.498 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*

5.498.1 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 v6.4.0

5.498.2 Requirements

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

- ansible>=2.9.0

5.498.3 Parameters

5.498.4 Notes

Note:

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

5.498.5 Examples

```
- hosts: fortigates
  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.phase1.
↪name)"
        name: "default_name_5"
        src_check: "disable"
```

5.498.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.498.7 Status

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

5.498.8 Authors

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

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

5.499 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*

5.499.1 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 v6.4.0

5.499.2 Requirements

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

- ansible>=2.9.0

5.499.3 Parameters

5.499.4 Notes

Note:

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

5.499.5 Examples

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

5.499.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.499.7 Status

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

5.499.8 Authors

- Link Zheng (@chillancezen)

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

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

5.500 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*

5.500.1 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 v6.4.0

5.500.2 Requirements

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

- ansible>=2.9.0

5.500.3 Parameters

5.500.4 Notes

Note:

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

5.500.5 Examples

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

5.500.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.500.7 Status

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

5.500.8 Authors

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

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

5.501 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*

5.501.1 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 v6.4.0

5.501.2 Requirements

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

- ansible>=2.9.0

5.501.3 Parameters

5.501.4 Notes

Note:

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

5.501.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        local_spi: "<your_own_value>"
        name: "default_name_13"
        remote_gw: "<your_own_value>"
        remote_gw6: "<your_own_value>"
        remote_spi: "<your_own_value>"
```

5.501.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.501.7 Status

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

5.501.8 Authors

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

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

5.502 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*

5.502.1 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 v6.4.0

5.502.2 Requirements

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

- ansible>=2.9.0

5.502.3 Parameters

5.502.4 Notes

Note:

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

5.502.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        banner: "<your_own_value>"
        cert_id_validation: "enable"
        certificate:
         -
            name: "default_name_19 (source vpn.certificate.local.name)"
        childless_ike: "enable"
        client_auto_negotiate: "disable"
        client_keep_alive: "disable"
        comments: "<your_own_value>"
        dhcp_ra_giaddr: "<your_own_value>"
        dhcp6_ra_linkaddr: "<your_own_value>"
        dhgrp: "1"
        digital_signature_auth: "enable"
        distance: "28"
        dns_mode: "manual"
        domain: "<your_own_value>"
        dpd: "disable"
        dpd_retrycount: "32"
        dpd_retryinterval: "<your_own_value>"
        eap: "enable"
        eap_exclude_peergrp: "<your_own_value> (source user.peergrp.name)"
        eap_identity: "use-id-payload"
        enforce_unique_id: "disable"
        fec_base: "38"
        fec_egress: "enable"
        fec_ingress: "enable"
```

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```
        fec_receive_timeout: "41"
        fec_redundant: "42"
        fec_send_timeout: "43"
        forticlient_enforcement: "enable"
        fragmentation: "enable"
        fragmentation_mtu: "46"
        group_authentication: "enable"
        group_authentication_secret: "<your_own_value>"
        ha_sync_esp_seqno: "enable"
        idle_timeout: "enable"
        idle_timeoutinterval: "51"
        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:  "61"
            start_ip: "<your_own_value>"
        ipv4_name: "<your_own_value> (source firewall.address.name firewall.addrgrp.
↪name)"
        ipv4_netmask: "<your_own_value>"
        ipv4_split_exclude: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
        ipv4_split_include: "<your_own_value> (source firewall.address.name firewall.
↪addrgrp.name)"
        ipv4_start_ip: "<your_own_value>"
        ipv4_wins_server1: "<your_own_value>"
        ipv4_wins_server2: "<your_own_value>"
        ipv6_dns_server1: "<your_own_value>"
        ipv6_dns_server2: "<your_own_value>"
        ipv6_dns_server3: "<your_own_value>"
        ipv6_end_ip: "<your_own_value>"
        ipv6_exclude_range:
         -
            end_ip: "<your_own_value>"
            id:  "76"
            start_ip: "<your_own_value>"
        ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name)"
        ipv6_prefix: "79"
        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: "83"
        keylife: "84"
        local_gw: "<your_own_value>"
        localid: "<your_own_value>"
        localid_type: "auto"
        mesh_selector_type: "disable"
        mode: "aggressive"
```

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```
        mode_cfg: "disable"
        name: "default_name_91"
        nattraversal: "enable"
        negotiate_timeout: "93"
        network_id: "94"
        network_overlay: "disable"
        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: "103"
        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"
```

5.502.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.502.7 Status

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

5.502.8 Authors

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

- Nicolas Thomas (@thomnico)

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

5.503 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*

5.503.1 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 v6.4.0

5.503.2 Requirements

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

- ansible>=2.9.0

5.503.3 Parameters

5.503.4 Notes

Note:

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

5.503.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        aggregate_member: "enable"
        aggregate_weight: "7"
        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_25 (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: "31"
        dhcp_ra_giaddr: "<your_own_value>"
        dhcp6_ra_linkaddr: "<your_own_value>"
        dhgrp: "1"
        digital_signature_auth: "enable"
        distance: "36"
        dns_mode: "manual"
        domain: "<your_own_value>"
        dpd: "disable"
        dpd_retrycount: "40"
```

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```
        dpd_retryinterval: "<your_own_value>"
        eap: "enable"
        eap_exclude_peergrp: "<your_own_value> (source user.peergrp.name)"
        eap_identity: "use-id-payload"
        encap_local_gw4: "<your_own_value>"
        encap_local_gw6: "<your_own_value>"
        encap_remote_gw4: "<your_own_value>"
        encap_remote_gw6: "<your_own_value>"
        encapsulation: "none"
        encapsulation_address: "ike"
        enforce_unique_id: "disable"
        exchange_interface_ip: "enable"
        exchange_ip_addr4: "<your_own_value>"
        exchange_ip_addr6: "<your_own_value>"
        fec_base: "55"
        fec_egress: "enable"
        fec_ingress: "enable"
        fec_receive_timeout: "58"
        fec_redundant: "59"
        fec_send_timeout: "60"
        forticlient_enforcement: "enable"
        fragmentation: "enable"
        fragmentation_mtu: "63"
        group_authentication: "enable"
        group_authentication_secret: "<your_own_value>"
        ha_sync_esp_seqno: "enable"
        idle_timeout: "enable"
        idle_timeoutinterval: "68"
        ike_version: "1"
        include_local_lan: "disable"
        interface: "<your_own_value> (source system.interface.name)"
        ip_fragmentation: "pre-encapsulation"
        ip_version: "4"
        ipv4_dns_server1: "<your_own_value>"
        ipv4_dns_server2: "<your_own_value>"
        ipv4_dns_server3: "<your_own_value>"
        ipv4_end_ip: "<your_own_value>"
        ipv4_exclude_range:
         -
            end_ip: "<your_own_value>"
            id:  "80"
            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:  "95"
            start_ip: "<your_own_value>"
        ipv6_name: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name)"
        ipv6_prefix: "98"
        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: "102"
        keylife: "103"
        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: "112"
        monitor_hold_down_time: "<your_own_value>"
        monitor_hold_down_type: "immediate"
        monitor_hold_down_weekday: "everyday"
        name: "default_name_116"
        nattraversal: "enable"
        negotiate_timeout: "118"
        net_device: "enable"
        network_id: "120"
        network_overlay: "disable"
        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: "130"
        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"
```

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```
        type: "static"
        unity_support: "disable"
        usrgrp: "<your_own_value> (source user.group.name)"
        vni: "149"
        wizard_type: "custom"
        xauthtype: "disable"
```

5.503.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.503.7 Status

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

5.503.8 Authors

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

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

5.504 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*

5.504.1 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 v6.4.0

5.504.2 Requirements

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

- ansible>=2.9.0

5.504.3 Parameters

5.504.4 Notes

Note:

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

5.504.5 Examples

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

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```
        dst_name6: "<your_own_value> (source firewall.address6.name firewall.addrgrp6.
↪name)"
        dst_port: "13"
        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"
        ipv4_df: "enable"
        keepalive: "enable"
        keylife_type: "seconds"
        keylifekbs: "22"
        keylifeseconds: "23"
        l2tp: "enable"
        name: "default_name_25"
        pfs: "enable"
        phase1name: "<your_own_value> (source vpn.ipsec.phase1.name)"
        proposal: "null-md5"
        protocol: "29"
        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: "39"
        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"
```

5.504.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.504.7 Status

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

5.504.8 Authors

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

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

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

5.505 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*

5.505.1 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 v6.4.0

5.505.2 Requirements

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

- ansible>=2.9.0

5.505.3 Parameters

5.505.4 Notes

Note:

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

5.505.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        ipv4_df: "enable"
        keepalive: "enable"
        keylife_type: "seconds"
        keylifekbs: "24"
        keylifeseconds: "25"
        l2tp: "enable"
        name: "default_name_27"
        pfs: "enable"
        phase1name: "<your_own_value> (source vpn.ipsec.phase1-interface.name)"
        proposal: "null-md5"
        protocol: "31"
        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: "40"
        src_start_ip: "<your_own_value>"
        src_start_ip6: "<your_own_value>"
        src_subnet: "<your_own_value>"
        src_subnet6: "<your_own_value>"
```

5.505.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.505.7 Status

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

5.505.8 Authors

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

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

5.506 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*

5.506.1 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 v6.4.0

5.506.2 Requirements

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

- ansible>=2.9.0

5.506.3 Parameters

5.506.4 Notes

Note:

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

5.506.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure L2TP.
    fortios_vpn_l2tp:
      vdom:  "{{ vdom }}"
      vpn_l2tp:
        compress: "enable"
        eip: "<your_own_value>"
        enforce_ipsec: "enable"
        sip: "<your_own_value>"
        status: "enable"
        usrgrp: "<your_own_value> (source user.group.name)"
```

5.506.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.506.7 Status

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

5.506.8 Authors

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

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

5.507 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*

5.507.1 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 v6.4.0

5.507.2 Requirements

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

- ansible>=2.9.0

5.507.3 Parameters

5.507.4 Notes

Note:

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

5.507.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure Overlay Controller VPN settings.
    fortios_vpn_ocvpn:
      vdom:  "{{ vdom }}"
      vpn_ocvpn:
        auto_discovery: "enable"
        eap: "enable"
        eap_users: "<your_own_value> (source user.group.name)"
        forticlient_access:
            auth_groups:
             -
                auth_group: "<your_own_value> (source user.group.name)"
                name: "default_name_9"
                overlays:
                 -
                    overlay_name: "<your_own_value> (source vpn.ocvpn.overlays.
↪overlay-name)"
            psksecret: "<your_own_value>"
            status: "enable"
        ip_allocation_block: "<your_own_value>"
        multipath: "enable"
        nat: "enable"
        overlays:
         -
            assign_ip: "enable"
            inter_overlay: "allow"
            ipv4_end_ip: "<your_own_value>"
            ipv4_start_ip: "<your_own_value>"
            overlay_name: "<your_own_value>"
            subnets:
             -
                id:  "24"
                interface: "<your_own_value> (source system.interface.name)"
                subnet: "<your_own_value>"
                type: "subnet"
```

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```
        poll_interval: "28"
        role: "spoke"
        sdwan: "enable"
        status: "enable"
        wan_interface:
         -
            name: "default_name_33 (source system.interface.name)"
```

5.507.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.507.7 Status

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

5.507.8 Authors

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

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

5.508 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*

5.508.1 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 v6.4.0

5.508.2 Requirements

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

- ansible>=2.9.0

5.508.3 Parameters

5.508.4 Notes

Note:

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

5.508.5 Examples

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

5.508.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.508.7 Status

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

5.508.8 Authors

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

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

5.509 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*

5.509.1 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 v6.4.0

5.509.2 Requirements

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

- ansible>=2.9.0

5.509.3 Parameters

5.509.4 Notes

Note:

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

5.509.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure SSL VPN.
    fortios_vpn_ssl_settings:
      vdom:  "{{ vdom }}"
      vpn_ssl_settings:
        algorithm: "high"
        auth_session_check_source_ip: "enable"
        auth_timeout: "5"
        authentication_rule:
         -
            auth: "any"
            cipher: "any"
            client_cert: "enable"
            groups:
             -
                name: "default_name_11 (source user.group.name)"
            id:  "12"
            portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
            realm: "<your_own_value> (source vpn.ssl.web.realm.url-path)"
            source_address:
             -
                name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
            source_address_negate: "enable"
            source_address6:
             -
                name: "default_name_19 (source firewall.address6.name firewall.
↪addrgrp6.name system.external-resource.name)"
```

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```
            source_address6_negate: "enable"
            source_interface:
             -
                name: "default_name_22 (source system.interface.name system.zone.name)
↪"
            user_peer: "<your_own_value> (source user.peer.name)"
            users:
             -
                name: "default_name_25 (source user.local.name)"
        auto_tunnel_static_route: "enable"
        banned_cipher: "RSA"
        check_referer: "enable"
        default_portal: "<your_own_value> (source vpn.ssl.web.portal.name)"
        deflate_compression_level: "30"
        deflate_min_data_size: "31"
        dns_server1: "<your_own_value>"
        dns_server2: "<your_own_value>"
        dns_suffix: "<your_own_value>"
        dtls_hello_timeout: "35"
        dtls_max_proto_ver: "dtls1-0"
        dtls_min_proto_ver: "dtls1-0"
        dtls_tunnel: "enable"
        encode_2f_sequence: "enable"
        encrypt_and_store_password: "enable"
        force_two_factor_auth: "enable"
        header_x_forwarded_for: "pass"
        hsts_include_subdomains: "enable"
        http_compression: "enable"
        http_only_cookie: "enable"
        http_request_body_timeout: "46"
        http_request_header_timeout: "47"
        https_redirect: "enable"
        idle_timeout: "49"
        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: "54"
        login_block_time: "55"
        login_timeout: "56"
        port: "57"
        port_precedence: "enable"
        reqclientcert: "enable"
        route_source_interface: "enable"
        servercert: "<your_own_value> (source vpn.certificate.local.name)"
        source_address:
         -
            name: "default_name_63 (source firewall.address.name firewall.addrgrp.
↪name system.external-resource.name)"
        source_address_negate: "enable"
        source_address6:
         -
            name: "default_name_66 (source firewall.address6.name firewall.addrgrp6.
↪name system.external-resource.name)"
        source_address6_negate: "enable"
        source_interface:
         -
```

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```
            name: "default_name_69 (source system.interface.name system.zone.name)"
        ssl_client_renegotiation: "disable"
        ssl_insert_empty_fragment: "enable"
        ssl_max_proto_ver: "tls1-0"
        ssl_min_proto_ver: "tls1-0"
        tlsv1_0: "enable"
        tlsv1_1: "enable"
        tlsv1_2: "enable"
        tlsv1_3: "enable"
        transform_backward_slashes: "enable"
        tunnel_connect_without_reauth: "enable"
        tunnel_ip_pools:
         -
            name: "default_name_81 (source firewall.address.name firewall.addrgrp.
↪name)"
        tunnel_ipv6_pools:
         -
            name: "default_name_83 (source firewall.address6.name firewall.addrgrp6.
↪name)"
        tunnel_user_session_timeout: "84"
        unsafe_legacy_renegotiation: "enable"
        url_obscuration: "enable"
        user_peer: "<your_own_value> (source user.peer.name)"
        wins_server1: "<your_own_value>"
        wins_server2: "<your_own_value>"
        x_content_type_options: "enable"
```

5.509.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.509.7 Status

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

5.509.8 Authors

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

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

5.510 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*

5.510.1 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 v6.4.0

5.510.2 Requirements

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

- ansible>=2.9.0

5.510.3 Parameters

5.510.4 Notes

Note:

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

5.510.5 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: 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>"
```

5.510.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.510.7 Status

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

5.510.8 Authors

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

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

5.511 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*

5.511.1 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 v6.4.0

5.511.2 Requirements

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

- ansible>=2.9.0

5.511.3 Parameters

5.511.4 Notes

Note:

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

5.511.5 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: 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: "ftp"
               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"
               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"
```

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```
        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_split_tunneling_routing_negate: "enable"
        ipv6_tunnel_mode: "enable"
        ipv6_wins_server1: "<your_own_value>"
        ipv6_wins_server2: "<your_own_value>"
        keep_alive: "enable"
        limit_user_logins: "enable"
        mac_addr_action: "allow"
        mac_addr_check: "enable"
        mac_addr_check_rule:
         -
            mac_addr_list:
             -
                addr: "<your_own_value>"
            mac_addr_mask: "75"
            name: "default_name_76"
        macos_forticlient_download_url: "<your_own_value>"
        name: "default_name_78"
        os_check: "enable"
        os_check_list:
         -
            action: "deny"
            latest_patch_level: "<your_own_value>"
            name: "default_name_83"
            tolerance: "84"
        redir_url: "<your_own_value>"
        save_password: "enable"
        service_restriction: "enable"
        skip_check_for_browser: "enable"
        skip_check_for_unsupported_os: "enable"
        smb_max_version: "smbv1"
        smb_min_version: "smbv1"
        smb_ntlmv1_auth: "enable"
        smbv1: "enable"
        split_dns:
```

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```
        -
            dns_server1: "<your_own_value>"
            dns_server2: "<your_own_value>"
            domains: "<your_own_value>"
            id:  "98"
            ipv6_dns_server1: "<your_own_value>"
            ipv6_dns_server2: "<your_own_value>"
        split_tunneling: "enable"
        split_tunneling_routing_address:
        -
            name: "default_name_103 (source firewall.address.name firewall.addrgrp.
↪name)"
        split_tunneling_routing_negate: "enable"
        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>"
```

5.511.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.511.7 Status

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

5.511.8 Authors

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

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

5.512 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*

5.512.1 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 v6.4.0

5.512.2 Requirements

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

- ansible>=2.9.0

5.512.3 Parameters

5.512.4 Notes

Note:

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

5.512.5 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: Realm.
  fortios_vpn_ssl_web_realm:
    vdom:  "{{ vdom }}"
    state: "present"
    vpn_ssl_web_realm:
      login_page: "<your_own_value>"
      max_concurrent_user: "4"
      nas_ip: "<your_own_value>"
      radius_server: "<your_own_value> (source user.radius.name)"
      url_path: "<your_own_value>"
      virtual_host: "<your_own_value>"
```

5.512.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.512.7 Status

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

5.512.8 Authors

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

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

5.513 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*

5.513.1 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 v6.4.0

5.513.2 Requirements

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

- ansible>=2.9.0

5.513.3 Parameters

5.513.4 Notes

Note:

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

5.513.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure SSL VPN user bookmark.
    fortios_vpn_ssl_web_user_bookmark:
      vdom:  "{{ vdom }}"
      state: "present"
      vpn_ssl_web_user_bookmark:
        bookmarks:
```

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```
        -
            additional_params: "<your_own_value>"
            apptype: "ftp"
            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"
```

5.513.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.513.7 Status

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

5.513.8 Authors

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

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

5.514 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*

5.514.1 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 v6.4.0

5.514.2 Requirements

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

- ansible>=2.9.0

5.514.3 Parameters

5.514.4 Notes

Note:

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

5.514.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "ftp"
            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)"
```

5.514.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.514.7 Status

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

5.514.8 Authors

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

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

5.515 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*

5.515.1 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 v6.4.0

5.515.2 Requirements

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

- ansible>=2.9.0

5.515.3 Parameters

5.515.4 Notes

Note:

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

5.515.5 Examples

```
- hosts: fortigates
  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"
```

5.515.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.515.7 Status

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

5.515.8 Authors

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

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

5.516 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*

5.516.1 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 v6.4.0

5.516.2 Requirements

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

- ansible>=2.9.0

5.516.3 Parameters

5.516.4 Notes

Note:

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

5.516.5 Examples

```
- hosts: fortigates
  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"
```

5.516.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.516.7 Status

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

5.516.8 Authors

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

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

5.517 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*

5.517.1 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 v6.4.0

5.517.2 Requirements

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

- ansible>=2.9.0

5.517.3 Parameters

5.517.4 Notes

Note:

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

5.517.5 Examples

```
- hosts: fortigates
  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"
```

5.517.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.517.7 Status

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

5.517.8 Authors

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

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

5.518 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*

5.518.1 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 v6.4.0

5.518.2 Requirements

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

- ansible>=2.9.0

5.518.3 Parameters

5.518.4 Notes

Note:

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

5.518.5 Examples

```
- hosts: fortigates
  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"
```

5.518.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.518.7 Status

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

5.518.8 Authors

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

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

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

5.519 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*

5.519.1 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 v6.4.0

5.519.2 Requirements

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

- ansible>=2.9.0

5.519.3 Parameters

5.519.4 Notes

Note:

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

5.519.5 Examples

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

5.519.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.519.7 Status

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

5.519.8 Authors

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

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

5.520 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*

5.520.1 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 v6.4.0

5.520.2 Requirements

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

- ansible>=2.9.0

5.520.3 Parameters

5.520.4 Notes

Note:

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

5.520.5 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"
```

5.520.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.520.7 Status

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

5.520.8 Authors

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

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

5.521 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*

5.521.1 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 v6.4.0

5.521.2 Requirements

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

- ansible>=2.9.0

5.521.3 Parameters

5.521.4 Notes

Note:

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

5.521.5 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"
      updateserver: "enable"
```

5.521.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.521.7 Status

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

5.521.8 Authors

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

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

5.522 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*

5.522.1 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 v6.4.0

5.522.2 Requirements

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

- ansible>=2.9.0

5.522.3 Parameters

5.522.4 Notes

Note:

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

5.522.5 Examples

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

5.522.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.522.7 Status

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

5.522.8 Authors

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

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

5.523 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*

5.523.1 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 v6.4.0

5.523.2 Requirements

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

- ansible>=2.9.0

5.523.3 Parameters

5.523.4 Notes

Note:

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

5.523.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
            prefer_chunking: "dynamic"
            protocol_opt: "protocol"
            secure_tunnel: "enable"
            status: "enable"
            tunnel_sharing: "shared"
        comments: "<your_own_value>"
        ftp:
            byte_caching: "enable"
            log_traffic: "enable"
            prefer_chunking: "dynamic"
            protocol_opt: "protocol"
            secure_tunnel: "enable"
            ssl: "enable"
            status: "enable"
            tunnel_sharing: "shared"
        http:
            byte_caching: "enable"
            log_traffic: "enable"
            prefer_chunking: "dynamic"
            protocol_opt: "protocol"
            secure_tunnel: "enable"
            ssl: "enable"
            status: "enable"
            tunnel_sharing: "shared"
        mapi:
            byte_caching: "enable"
            log_traffic: "enable"
            secure_tunnel: "enable"
            status: "enable"
            tunnel_sharing: "shared"
        name: "default_name_37"
        tcp:
            byte_caching: "enable"
            byte_caching_opt: "mem-only"
            log_traffic: "enable"
            port: "<your_own_value>"
```

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```
            secure_tunnel: "enable"
            ssl: "enable"
            ssl_port: "<your_own_value>"
            status: "enable"
            tunnel_sharing: "shared"
        transparent: "enable"
```

5.523.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.523.7 Status

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

5.523.8 Authors

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

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

5.524 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*

5.524.1 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 v6.4.0

5.524.2 Requirements

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

- ansible>=2.9.0

5.524.3 Parameters

5.524.4 Notes

Note:

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

5.524.5 Examples

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

5.524.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.524.7 Status

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

5.524.8 Authors

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

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

5.525 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*

5.525.1 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 v6.4.0

5.525.2 Requirements

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

- ansible>=2.9.0

5.525.3 Parameters

5.525.4 Notes

Note:

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

5.525.5 Examples

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

5.525.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.525.7 Status

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

5.525.8 Authors

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

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

5.526 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*

5.526.1 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 v6.4.0

5.526.2 Requirements

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

- ansible>=2.9.0

5.526.3 Parameters

5.526.4 Notes

Note:

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

5.526.5 Examples

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

5.526.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.526.7 Status

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

5.526.8 Authors

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

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

5.527 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*

5.527.1 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 v6.4.0

5.527.2 Requirements

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

- ansible>=2.9.0

5.527.3 Parameters

5.527.4 Notes

Note:

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

5.527.5 Examples

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

5.527.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.527.7 Status

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

5.527.8 Authors

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

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

5.528 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*

5.528.1 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 v6.4.0

5.528.2 Requirements

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

- ansible>=2.9.0

5.528.3 Parameters

5.528.4 Notes

Note:

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

5.528.5 Examples

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

5.528.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.528.7 Status

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

5.528.8 Authors

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

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

5.529 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*

5.529.1 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 v6.4.0

5.529.2 Requirements

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

- ansible>=2.9.0

5.529.3 Parameters

5.529.4 Notes

Note:

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

5.529.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        password: "<your_own_value>"
        port: "11"
        server_down_option: "block"
        username: "<your_own_value>"
```

5.529.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.529.7 Status

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

5.529.8 Authors

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

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

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

5.530 fortios_web_proxy_forward_server_group – Configure a forward server group consisting or 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*

5.530.1 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 v6.4.0

5.530.2 Requirements

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

- ansible>=2.9.0

5.530.3 Parameters

5.530.4 Notes

Note:

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

5.530.5 Examples

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

5.530.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.530.7 Status

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

5.530.8 Authors

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

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

5.531 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*

5.531.1 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 v6.4.0

5.531.2 Requirements

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

- ansible>=2.9.0

5.531.3 Parameters

5.531.4 Notes

Note:

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

5.531.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        ssl_ca_cert: "<your_own_value> (source vpn.certificate.local.name)"
        ssl_cert: "<your_own_value> (source vpn.certificate.local.name)"
        strict_web_check: "enable"
        webproxy_profile: "<your_own_value> (source web-proxy.profile.name)"
```

5.531.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.531.7 Status

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

5.531.8 Authors

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

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

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

5.532 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*

5.532.1 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 v6.4.0

5.532.2 Requirements

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

- ansible>=2.9.0

5.532.3 Parameters

5.532.4 Notes

Note:

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

5.532.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
            add_option: "append"
            base64_encoding: "disable"
            content: "<your_own_value>"
            dstaddr:
             -
                name: "default_name_16 (source firewall.address.name firewall.addrgrp.
↪name)"
            dstaddr6:
             -
                name: "default_name_18 (source firewall.address6.name firewall.
↪addrgrp6.name)"
            id:  "19"
            name: "default_name_20"
            protocol: "https"
        log_header_change: "enable"
        name: "default_name_23"
        strip_encoding: "enable"
```

5.532.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.532.7 Status

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

5.532.8 Authors

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

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

5.533 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*

5.533.1 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 v6.4.0

5.533.2 Requirements

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

- ansible>=2.9.0

5.533.3 Parameters

5.533.4 Notes

Note:

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

5.533.5 Examples

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

5.533.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.533.7 Status

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

5.533.8 Authors

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

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

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

5.534 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*

5.534.1 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 v6.4.0

5.534.2 Requirements

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

- ansible>=2.9.0

5.534.3 Parameters

5.534.4 Notes

Note:

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

5.534.5 Examples

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

5.534.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.534.7 Status

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

5.534.8 Authors

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

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

5.535 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*

5.535.1 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 v6.4.0

5.535.2 Requirements

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

- ansible>=2.9.0

5.535.3 Parameters

5.535.4 Notes

Note:

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

5.535.5 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 banned word table.
  fortios_webfilter_content:
    vdom:  "{{ vdom }}"
    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"
```

5.535.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.535.7 Status

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

5.535.8 Authors

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

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

5.536 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*

5.536.1 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 v6.4.0

5.536.2 Requirements

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

- ansible>=2.9.0

5.536.3 Parameters

5.536.4 Notes

Note:

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

5.536.5 Examples

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

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```
    vdom:  "{{ vdom }}"
    state: "present"
    webfilter_content_header:
      comment: "Optional comments."
      entries:
       -
          action: "block"
          category: "<your_own_value>"
          pattern: "<your_own_value>"
      id:  "8"
      name: "default_name_9"
```

5.536.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.536.7 Status

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

5.536.8 Authors

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

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

5.537 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*

5.537.1 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 v6.4.0

5.537.2 Requirements

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

- ansible>=2.9.0

5.537.3 Parameters

5.537.4 Notes

Note:

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

5.537.5 Examples

```
- hosts: fortigates
  collections:
    - 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_http: "8"
```

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```
        ovrd_auth_port_https: "9"
        ovrd_auth_port_https_flow: "10"
        ovrd_auth_port_warning: "11"
        request_packet_size_limit: "12"
        warn_auth_https: "enable"
```

5.537.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.537.7 Status

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

5.537.8 Authors

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

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

5.538 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*

5.538.1 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 v6.4.0

5.538.2 Requirements

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

- ansible>=2.9.0

5.538.3 Parameters

5.538.4 Notes

Note:

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

5.538.5 Examples

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

5.538.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.538.7 Status

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

5.538.8 Authors

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

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

5.539 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*

5.539.1 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 v6.4.0

5.539.2 Requirements

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

- ansible>=2.9.0

5.539.3 Parameters

5.539.4 Notes

Note:

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

5.539.5 Examples

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

5.539.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.539.7 Status

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

5.539.8 Authors

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

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

5.540 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*

5.540.1 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 v6.4.0

5.540.2 Requirements

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

- ansible>=2.9.0

5.540.3 Parameters

5.540.4 Notes

Note:

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

5.540.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure IPS URL filter cache settings.
    fortios_webfilter_ips_urlfilter_cache_setting:
      vdom:  "{{ vdom }}"
      webfilter_ips_urlfilter_cache_setting:
        dns_retry_interval: "3"
        extended_ttl: "4"
```

5.540.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.540.7 Status

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

5.540.8 Authors

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

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

5.541 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*

5.541.1 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 v6.4.0

5.541.2 Requirements

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

- ansible>=2.9.0

5.541.3 Parameters

5.541.4 Notes

Note:

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

5.541.5 Examples

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

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```
    webfilter_ips_urlfilter_setting:
      device: "<your_own_value> (source system.interface.name)"
      distance: "4"
      gateway: "<your_own_value>"
      geo_filter: "<your_own_value>"
```

5.541.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.541.7 Status

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

5.541.8 Authors

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

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

5.542 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*

5.542.1 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 v6.4.0

5.542.2 Requirements

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

- ansible>=2.9.0

5.542.3 Parameters

5.542.4 Notes

Note:

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

5.542.5 Examples

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

5.542.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.542.7 Status

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

5.542.8 Authors

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

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

5.543 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*

5.543.1 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 v6.4.0

5.543.2 Requirements

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

- ansible>=2.9.0

5.543.3 Parameters

5.543.4 Notes

Note:

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

5.543.5 Examples

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

5.543.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.543.7 Status

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

5.543.8 Authors

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

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

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

5.544 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*

5.544.1 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 v6.4.0

5.544.2 Requirements

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

- ansible>=2.9.0

5.544.3 Parameters

5.544.4 Notes

Note:

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

5.544.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure Web filter profiles.
    fortios_webfilter_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      webfilter_profile:
        antiphish:
            check_basic_auth: "enable"
            check_uri: "enable"
            custom_patterns:
             -
                category: "username"
                pattern: "<your_own_value>"
            default_action: "exempt"
            domain_controller: "<your_own_value> (source credential-store.domain-
↪controller.server-name)"
            inspection_entries:
             -
                action: "exempt"
                fortiguard_category: "<your_own_value>"
                name: "default_name_14"
            max_body_len: "15"
            status: "enable"
        comment: "Optional comments."
        extended_log: "enable"
        feature_set: "flow"
        file_filter:
            entries:
             -
                action: "log"
                comment: "Comment."
                direction: "incoming"
                file_type:
                 -
                    name: "default_name_26 (source antivirus.filetype.name)"
                filter: "<your_own_value>"
                password_protected: "yes"
                protocol: "http"
            log: "enable"
            scan_archive_contents: "enable"
            status: "enable"
        ftgd_wf:
            exempt_quota: "<your_own_value>"
            filters:
             -
                action: "block"
```

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```
            auth_usr_grp:
             -
                name: "default_name_38 (source user.group.name)"
            category: "39"
            id:  "40"
            log: "enable"
            override_replacemsg: "<your_own_value>"
            warn_duration: "<your_own_value>"
            warning_duration_type: "session"
            warning_prompt: "per-domain"
        max_quota_timeout: "46"
        options: "error-allow"
        ovrd: "<your_own_value>"
        quota:
         -
            category: "<your_own_value>"
            duration: "<your_own_value>"
            id:  "52"
            override_replacemsg: "<your_own_value>"
            type: "time"
            unit: "B"
            value: "56"
        rate_crl_urls: "disable"
        rate_css_urls: "disable"
        rate_image_urls: "disable"
        rate_javascript_urls: "disable"
    https_replacemsg: "enable"
    log_all_url: "enable"
    name: "default_name_63"
    options: "activexfilter"
    override:
        ovrd_cookie: "allow"
        ovrd_dur: "<your_own_value>"
        ovrd_dur_mode: "constant"
        ovrd_scope: "user"
        ovrd_user_group:
         -
            name: "default_name_71 (source user.group.name)"
        profile:
         -
            name: "default_name_73 (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: "81 (source webfilter.content.id)"
        bword_threshold: "82"
        content_header_list: "83 (source webfilter.content-header.id)"
        keyword_match:
         -
            pattern: "<your_own_value>"
        log_search: "enable"
        safe_search: "url"
        urlfilter_table: "88 (source webfilter.urlfilter.id)"
```

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```
            whitelist: "exempt-av"
            youtube_restrict: "none"
        web_antiphishing_log: "enable"
        web_content_log: "enable"
        web_extended_all_action_log: "enable"
        web_filter_activex_log: "enable"
        web_filter_applet_log: "enable"
        web_filter_command_block_log: "enable"
        web_filter_cookie_log: "enable"
        web_filter_cookie_removal_log: "enable"
        web_filter_js_log: "enable"
        web_filter_jscript_log: "enable"
        web_filter_referer_log: "enable"
        web_filter_unknown_log: "enable"
        web_filter_vbs_log: "enable"
        web_ftgd_err_log: "enable"
        web_ftgd_quota_usage: "enable"
        web_invalid_domain_log: "enable"
        web_url_log: "enable"
        wisp: "enable"
        wisp_algorithm: "primary-secondary"
        wisp_servers:
         -
            name: "default_name_111 (source web-proxy.wisp.name)"
        youtube_channel_filter:
         -
            channel_id: "<your_own_value>"
            comment: "Comment."
            id:  "115"
        youtube_channel_status: "disable"
```

5.544.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.544.7 Status

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

5.544.8 Authors

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

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

5.545 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*

5.545.1 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 v6.4.0

5.545.2 Requirements

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

- ansible>=2.9.0

5.545.3 Parameters

5.545.4 Notes

Note:

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

5.545.5 Examples

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

5.545.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.545.7 Status

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

5.545.8 Authors

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

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

5.546 fortios_webfilter_status – Display rating info in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.546.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify webfilter feature and status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.546.2 Requirements

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

- ansible>=2.9.0

5.546.3 Parameters

5.546.4 Notes

Note:

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

5.546.5 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: Display rating info.
  fortios_webfilter_status:
    vdom:  "{{ vdom }}"
    webfilter_status:
      <refresh_rate>: "<your_own_value>"
```

5.546.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.546.7 Status

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

5.546.8 Authors

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

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

5.547 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*

5.547.1 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 v6.4.0

5.547.2 Requirements

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

- ansible>=2.9.0

5.547.3 Parameters

5.547.4 Notes

Note:

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

5.547.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
            antiphish_action: "block"
            dns_address_family: "ipv4"
            exempt: "av"
```

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```
            id:  "9"
            referrer_host: "myhostname"
            status: "enable"
            type: "simple"
            url: "myurl.com"
            web_proxy_profile: "<your_own_value> (source web-proxy.profile.name)"
        id:  "15"
        ip_addr_block: "enable"
        name: "default_name_17"
        one_arm_ips_urlfilter: "enable"
```

5.547.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.547.7 Status

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

5.547.8 Authors

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

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

5.548 fortios_wireless_controller_access_control_list – Configure WiFi bridge access control list in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

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

5.548.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and access_control_list category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.548.2 Requirements

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

- ansible>=2.9.0

5.548.3 Parameters

5.548.4 Notes

Note:

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

5.548.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure WiFi bridge access control list.
    fortios_wireless_controller_access_control_list:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_access_control_list:
        comment: "Description."
        layer3_ipv4_rules:
         -
            action: "allow"
```

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```
            comment: "Description."
            dstaddr: "<your_own_value>"
            dstport: "8"
            protocol: "9"
            rule_id: "10"
            srcaddr: "<your_own_value>"
            srcport: "12"
        layer3_ipv6_rules:
         -
            action: "allow"
            comment: "Description."
            dstaddr: "<your_own_value>"
            dstport: "17"
            protocol: "18"
            rule_id: "19"
            srcaddr: "<your_own_value>"
            srcport: "21"
        name: "default_name_22"
```

5.548.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.548.7 Status

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

5.548.8 Authors

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

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

5.549 fortios_wireless_controller_address – Configure the client with its MAC address in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.549.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and address category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.549.2 Requirements

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

- ansible>=2.9.0

5.549.3 Parameters

5.549.4 Notes

Note:

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

5.549.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure the client with its MAC address.
    fortios_wireless_controller_address:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    wireless_controller_address:
      id:  "3"
      mac: "<your_own_value>"
      policy: "allow"
```

5.549.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.549.7 Status

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

5.549.8 Authors

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

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

5.550 fortios_wireless_controller_addrgrp – Configure the MAC address group in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

- *Authors*

5.550.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and addrgrp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.550.2 Requirements

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

- ansible>=2.9.0

5.550.3 Parameters

5.550.4 Notes

Note:

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

5.550.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure the MAC address group.
    fortios_wireless_controller_addrgrp:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_addrgrp:
        addresses:
         -
            id:  "4 (source wireless-controller.address.id)"
        default_policy: "allow"
        id:  "6"
```

5.550.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.550.7 Status

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

5.550.8 Authors

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

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

5.551 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*

5.551.1 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 v6.4.0

5.551.2 Requirements

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

- ansible>=2.9.0

5.551.3 Parameters

5.551.4 Notes

Note:

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

5.551.5 Examples

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

5.551.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.551.7 Status

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

5.551.8 Authors

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

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

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

5.552 fortios_wireless_controller_apcfg_profile – Configure AP local configuration profiles in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.552.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and apcfg_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.552.2 Requirements

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

- ansible>=2.9.0

5.552.3 Parameters

5.552.4 Notes

Note:

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

5.552.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure AP local configuration profiles.
    fortios_wireless_controller_apcfg_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_apcfg_profile:
        ac_ip: "<your_own_value>"
        ac_port: "4"
        ac_timer: "5"
        ac_type: "default"
        command_list:
         -
            id:  "8"
            name: "default_name_9"
            passwd_value: "<your_own_value>"
            type: "non-password"
            value: "<your_own_value>"
        comment: "Comment."
        name: "default_name_14"
```

5.552.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.552.7 Status

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

5.552.8 Authors

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

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

5.553 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*

5.553.1 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 v6.4.0

5.553.2 Requirements

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

- ansible>=2.9.0

5.553.3 Parameters

5.553.4 Notes

Note:

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

5.553.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure Bluetooth Low Energy profile.
    fortios_wireless_controller_ble_profile:
      vdom:  "{{ vdom }}"
      state: "present"
      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>"
        ibeacon_uuid: "<your_own_value>"
        major_id: "11"
        minor_id: "12"
        name: "default_name_13"
        txpower: "0"
```

5.553.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.553.7 Status

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

5.553.8 Authors

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

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

5.554 fortios_wireless_controller_bonjour_profile – Configure Bonjour profiles. Bonjour is Apple's zero configuration networking protocol. Bonjour profiles allow APs and FortiAPs to connnect to networks using Bonjour in Fortinet's FortiOS and FortiGate.

New in version 2.9.

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

5.554.1 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 v6.4.0

5.554.2 Requirements

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

- ansible>=2.9.0

5.554.3 Parameters

5.554.4 Notes

Note:

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

5.554.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
```

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```
  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 connnect to
     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>"
```

5.554.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.554.7 Status

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

5.554.8 Authors

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

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

5.555 fortios_wireless_controller_client_info – Wireless controller client-info in Fortinet's FortiOS and FortiGate.

New in version 2.10.

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

5.555.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and client_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.555.2 Requirements

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

- ansible>=2.9.0

5.555.3 Parameters

5.555.4 Notes

Note:

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

5.555.5 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: Wireless controller client-info.
  fortios_wireless_controller_client_info:
    vdom:  "{{ vdom }}"
    wireless_controller_client_info:
      <vfid>: "<your_own_value>"
```

5.555.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.555.7 Status

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

5.555.8 Authors

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

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

5.556 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*

5.556.1 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 v6.4.0

5.556.2 Requirements

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

- ansible>=2.9.0

5.556.3 Parameters

5.556.4 Notes

Note:

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

5.556.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        control_message_offload: "ebp-frame"
        data_ethernet_II: "enable"
        discovery_mc_addr: "<your_own_value>"
        fiapp_eth_type: "9"
        image_download: "enable"
```

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```
        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"
```

5.556.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.556.7 Status

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

5.556.8 Authors

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

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

5.557 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*
- *Requirements*
- *Parameters*
- *Notes*

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

5.557.1 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 v6.4.0

5.557.2 Requirements

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

- ansible>=2.9.0

5.557.3 Parameters

5.557.4 Notes

Note:

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

5.557.5 Examples

```
- hosts: fortigates
  collections:
    - 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:
         -
            id:  "4"
            mcc: "<your_own_value>"
            mnc: "<your_own_value>"
        name: "default_name_7"
```

5.557.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.557.7 Status

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

5.557.8 Authors

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

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

5.558 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*
- *Authors*

5.558.1 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 v6.4.0

5.558.2 Requirements

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

- ansible>=2.9.0

5.558.3 Parameters

5.558.4 Notes

Note:

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

5.558.5 Examples

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

5.558.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.558.7 Status

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

5.558.8 Authors

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

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

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

5.559 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*

5.559.1 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 v6.4.0

5.559.2 Requirements

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

- ansible>=2.9.0

5.559.3 Parameters

5.559.4 Notes

Note:

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

5.559.5 Examples

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

5.559.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.559.7 Status

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

5.559.8 Authors

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

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

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

5.560 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*

5.560.1 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 v6.4.0

5.560.2 Requirements

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

- ansible>=2.9.0

5.560.3 Parameters

5.560.4 Notes

Note:

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

5.560.5 Examples

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

5.560.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.560.7 Status

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

5.560.8 Authors

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

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

5.561 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*

5.561.1 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 v6.4.0

5.561.2 Requirements

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

- ansible>=2.9.0

5.561.3 Parameters

5.561.4 Notes

Note:

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

5.561.5 Examples

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

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```
    vdom:  "{{ vdom }}"
    state: "present"
    wireless_controller_hotspot20_anqp_roaming_consortium:
      name: "default_name_3"
      oi_list:
       -
          comment: "Comment."
          index: "6"
          oi: "<your_own_value>"
```

5.561.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.561.7 Status

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

5.561.8 Authors

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

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

5.562 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*

5.562.1 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 v6.4.0

5.562.2 Requirements

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

- ansible>=2.9.0

5.562.3 Parameters

5.562.4 Notes

Note:

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

5.562.5 Examples

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

5.562.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.562.7 Status

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

5.562.8 Authors

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

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

5.563 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*

5.563.1 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 v6.4.0

5.563.2 Requirements

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

- ansible>=2.9.0

5.563.3 Parameters

5.563.4 Notes

Note:

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

5.563.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure connection capability.
    fortios_wireless_controller_hotspot20_h2qp_conn_capability:
      vdom:  "{{ vdom }}"
      state: "present"
      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"
```

5.563.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.563.7 Status

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

5.563.8 Authors

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

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

5.564 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*

5.564.1 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 v6.4.0

5.564.2 Requirements

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

- ansible>=2.9.0

5.564.3 Parameters

5.564.4 Notes

Note:

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

5.564.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        value_list:
         -
            index: "5"
            lang: "<your_own_value>"
            value: "<your_own_value>"
```

5.564.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.564.7 Status

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

5.564.8 Authors

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

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

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

5.565 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*

5.565.1 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 v6.4.0

5.565.2 Requirements

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

- ansible>=2.9.0

5.565.3 Parameters

5.565.4 Notes

Note:

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

5.565.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
        service_description:
         -
            lang: "<your_own_value>"
            service_description: "<your_own_value>"
            service_id: "15"
```

5.565.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.565.7 Status

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

5.565.8 Authors

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

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

5.566 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*

5.566.1 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 v6.4.0

5.566.2 Requirements

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

- ansible>=2.9.0

5.566.3 Parameters

5.566.4 Notes

Note:

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

5.566.5 Examples

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

5.566.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.566.7 Status

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

5.566.8 Authors

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

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

5.567 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*

5.567.1 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 v6.4.0

5.567.2 Requirements

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

- ansible>=2.9.0

5.567.3 Parameters

5.567.4 Notes

Note:

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

5.567.5 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 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:
        -
           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"
```

5.567.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.567.7 Status

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

5.567.8 Authors

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

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

5.568 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*

5.568.1 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 v6.4.0

5.568.2 Requirements

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

- ansible>=2.9.0

5.568.3 Parameters

5.568.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.568.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure OSU provider icon.
    fortios_wireless_controller_hotspot20_icon:
      vdom:  "{{ vdom }}"
      state: "present"
      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"
```

5.568.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.568.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.568.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.569 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*

5.569.1 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 v6.4.0

5.569.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.569.3 Parameters

5.569.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.569.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        dscp_range:
         -
            high: "8"
            index: "9"
            low: "10"
            up: "11"
        name: "default_name_12"
```

5.569.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.569.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.569.8 Authors

- Link Zheng (@chillancezen)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.570 fortios_wireless_controller_inter_controller – Configure inter wireless controller operation in Fortinet's FortiOS and FortiGate.

New in version 2.9.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.570.1 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 v6.4.0

5.570.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.570.3 Parameters

5.570.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.570.5 Examples

```
- hosts: fortigates
  collections:
    - 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>"
            peer_port: "10"
            peer_priority: "primary"
        inter_controller_pri: "primary"
```

5.570.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.570.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.570.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.571 fortios_wireless_controller_log – Configure wireless controller event log filters in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.571.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and log category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.571.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.571.3 Parameters

5.571.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.571.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure wireless controller event log filters.
    fortios_wireless_controller_log:
      vdom:  "{{ vdom }}"
      wireless_controller_log:
        addrgrp_log: "emergency"
        ble_log: "emergency"
        clb_log: "emergency"
        dhcp_starv_log: "emergency"
        led_sched_log: "emergency"
        radio_event_log: "emergency"
        rogue_event_log: "emergency"
        sta_event_log: "emergency"
        sta_locate_log: "emergency"
        status: "enable"
        wids_log: "emergency"
        wtp_event_log: "emergency"
```

5.571.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.571.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.571.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.572 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*

5.572.1 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 v6.4.0

5.572.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.572.3 Parameters

5.572.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.572.5 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 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"
       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_be_dscp: "24"
       wmm_bk_dscp: "25"
       wmm_dscp_marking: "enable"
       wmm_uapsd: "enable"
       wmm_vi_dscp: "28"
       wmm_vo_dscp: "29"
```

5.572.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.572.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.572.8 Authors

- Link Zheng (@chillancezen)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.573 fortios_wireless_controller_region – Configure FortiAP regions (for floor plans and maps) in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.573.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and region category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.573.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.573.3 Parameters

5.573.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.573.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure FortiAP regions (for floor plans and maps).
    fortios_wireless_controller_region:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_region:
        comments: "<your_own_value>"
        grayscale: "enable"
        name: "default_name_5"
        opacity: "6"
```

5.573.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.573.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.573.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.574 fortios_wireless_controller_rf_analysis – Wireless controller rf-analysis in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.574.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and rf_analysis category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.574.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.574.3 Parameters

5.574.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.574.5 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: Wireless controller rf-analysis.
  fortios_wireless_controller_rf_analysis:
    vdom:  "{{ vdom }}"
    wireless_controller_rf_analysis:
      <wtp_id>: "<your_own_value>"
```

5.574.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.574.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.574.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.575 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*

5.575.1 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 v6.4.0

5.575.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.575.3 Parameters

5.575.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.575.5 Examples

```
- hosts: fortigates
  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"
        darrp_optimize: "5"
        darrp_optimize_schedules:
         -
            name: "default_name_7 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
        duplicate_ssid: "enable"
```

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```
        fake_ssid_action: "log"
        fapc_compatibility: "enable"
        offending_ssid:
         -
            action: "log"
            id:  "13"
            ssid_pattern: "<your_own_value>"
        phishing_ssid_detect: "enable"
        wfa_compatibility: "enable"
```

5.575.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.575.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.575.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.576 fortios_wireless_controller_snmp – Configure SNMP in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

5.576.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and snmp category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.576.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.576.3 Parameters

5.576.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.576.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure SNMP.
    fortios_wireless_controller_snmp:
      vdom:  "{{ vdom }}"
      wireless_controller_snmp:
        community:
         -
            hosts:
             -
                id:  "5"
                ip: "<your_own_value>"
            id:  "7"
            name: "default_name_8"
```

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```
            query_v1_status: "enable"
            query_v2c_status: "enable"
            status: "enable"
            trap_v1_status: "enable"
            trap_v2c_status: "enable"
        contact_info: "<your_own_value>"
        engine_id: "<your_own_value>"
        trap_high_cpu_threshold: "16"
        trap_high_mem_threshold: "17"
        user:
         -
            auth_proto: "md5"
            auth_pwd: "<your_own_value>"
            name: "default_name_21"
            notify_hosts: "<your_own_value>"
            priv_proto: "aes"
            priv_pwd: "<your_own_value>"
            queries: "enable"
            security_level: "no-auth-no-priv"
            status: "enable"
            trap_status: "enable"
```

5.576.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.576.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.576.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.577 fortios_wireless_controller_spectral_info – Wireless controller spectrum analysis in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.577.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and spectral_info category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.577.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.577.3 Parameters

5.577.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.577.5 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: Wireless controller spectrum analysis.
  fortios_wireless_controller_spectral_info:
    vdom:  "{{ vdom }}"
    wireless_controller_spectral_info:
      set_wtp_id: "<your_own_value>"
```

5.577.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.577.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.577.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.578 fortios_wireless_controller_status – Wireless controller status in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*

- *Return Values*
- *Status*
- *Authors*

5.578.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.578.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.578.3 Parameters

5.578.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.578.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Wireless controller status.
    fortios_wireless_controller_status:
      vdom:  "{{ vdom }}"
      wireless_controller_status:
        set_1_2: "<your_own_value>"
```

5.578.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.578.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.578.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.579 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*

5.579.1 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 v6.4.0

5.579.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.579.3 Parameters

5.579.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.579.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        discovery_interval: "5"
        echo_interval: "6"
        fake_ap_log: "7"
        ipsec_intf_cleanup: "8"
        radio_stats_interval: "9"
        rogue_ap_log: "10"
        sta_capability_interval: "11"
        sta_locate_timer: "12"
        sta_stats_interval: "13"
        vap_stats_interval: "14"
```

5.579.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.579.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.579.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)

- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.580 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*

5.580.1 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 v6.4.0

5.580.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.580.3 Parameters

5.580.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.580.5 Examples

```
- hosts: fortigates
  collections:
    - 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)"
```

5.580.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.580.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.580.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.581 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*

5.581.1 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 v6.4.0

5.581.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.581.3 Parameters

5.581.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.581.5 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 Points (VAPs).
   fortios_wireless_controller_vap:
     vdom:  "{{ vdom }}"
     state: "present"
     wireless_controller_vap:
       access_control_list: "<your_own_value> (source wireless-controller.access-
↪control-list.name)"
       address_group: "<your_own_value> (source wireless-controller.addrgrp.id)"
       atf_weight: "5"
       auth: "psk"
       broadcast_ssid: "enable"
       broadcast_suppression: "dhcp-up"
       captive_portal_ac_name: "<your_own_value>"
       captive_portal_auth_timeout: "10"
       dhcp_lease_time: "11"
       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: "17"
       eapol_key_retries: "disable"
       encrypt: "TKIP"
       external_fast_roaming: "enable"
       external_logout: "<your_own_value>"
       external_web: "<your_own_value>"
       external_web_format: "auto-detect"
       fast_bss_transition: "disable"
       fast_roaming: "enable"
       ft_mobility_domain: "26"
       ft_over_ds: "disable"
       ft_r0_key_lifetime: "28"
       gtk_rekey: "enable"
       gtk_rekey_intv: "30"
       high_efficiency: "enable"
       hotspot20_profile: "<your_own_value> (source wireless-controller.hotspot20.hs-
↪profile.name)"
       intra_vap_privacy: "enable"
       ip: "<your_own_value>"
       ipv6_rules: "drop-icmp6ra"
       key: "<your_own_value>"
       keyindex: "37"
       ldpc: "disable"
       local_authentication: "enable"
       local_bridging: "enable"
       local_lan: "allow"
       local_standalone: "enable"
       local_standalone_nat: "enable"
       mac_auth_bypass: "enable"
       mac_filter: "enable"
       mac_filter_list:
        -
           id:  "47"
```

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```
            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>"
            mpsk_schedules:
             -
                name: "default_name_62 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
            passphrase: "<your_own_value>"
        mu_mimo: "enable"
        multicast_enhance: "enable"
        multicast_rate: "0"
        name: "default_name_67"
        okc: "disable"
        owe_groups: "19"
        owe_transition: "disable"
        owe_transition_ssid: "<your_own_value>"
        passphrase: "<your_own_value>"
        pmf: "disable"
        pmf_assoc_comeback_timeout: "74"
        pmf_sa_query_retry_timeout: "75"
        portal_message_override_group: "<your_own_value> (source system.replacemsg-
↪group.name)"
        portal_message_overrides:
            auth_disclaimer_page: "<your_own_value>"
            auth_login_failed_page: "<your_own_value>"
            auth_login_page: "<your_own_value>"
            auth_reject_page: "<your_own_value>"
        portal_type: "auth"
        primary_wag_profile: "<your_own_value> (source wireless-controller.wag-
↪profile.name)"
        probe_resp_suppression: "enable"
        probe_resp_threshold: "<your_own_value>"
        ptk_rekey: "enable"
        ptk_rekey_intv: "87"
        qos_profile: "<your_own_value> (source wireless-controller.qos-profile.name)"
        quarantine: "enable"
        radio_2g_threshold: "<your_own_value>"
        radio_5g_threshold: "<your_own_value>"
        radio_sensitivity: "enable"
        radius_mac_auth: "enable"
        radius_mac_auth_server: "<your_own_value> (source user.radius.name)"
        radius_mac_auth_usergroups:
         -
            name: "default_name_96"
        radius_server: "<your_own_value> (source user.radius.name)"
        rates_11a: "1"
```

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```
        rates_11ac_ss12: "mcs0/1"
        rates_11ac_ss34: "mcs0/3"
        rates_11bg: "1"
        rates_11n_ss12: "mcs0/1"
        rates_11n_ss34: "mcs16/3"
        sae_groups: "19"
        sae_password: "<your_own_value>"
        schedule:
         -
            name: "default_name_107 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
        secondary_wag_profile: "<your_own_value> (source wireless-controller.wag-
↪profile.name)"
        security: "open"
        security_exempt_list: "<your_own_value> (source user.security-exempt-list.
↪name)"
        security_redirect_url: "<your_own_value>"
        selected_usergroups:
         -
            name: "default_name_113 (source user.group.name)"
        split_tunneling: "enable"
        ssid: "<your_own_value>"
        sticky_client_remove: "enable"
        sticky_client_threshold_2g: "<your_own_value>"
        sticky_client_threshold_5g: "<your_own_value>"
        target_wake_time: "enable"
        tkip_counter_measure: "enable"
        tunnel_echo_interval: "121"
        tunnel_fallback_interval: "122"
        usergroup:
         -
            name: "default_name_124 (source user.group.name)"
        utm_profile: "<your_own_value> (source wireless-controller.utm-profile.name)"
        vlan_auto: "enable"
        vlan_pool:
         -
            id:  "128"
            wtp_group: "<your_own_value> (source wireless-controller.wtp-group.name)"
        vlan_pooling: "wtp-group"
        vlanid: "131"
        voice_enterprise: "disable"
```

5.581.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.581.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.581.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.582 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*

5.582.1 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 v6.4.0

5.582.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.582.3 Parameters

5.582.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.582.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure virtual Access Point (VAP) groups.
    fortios_wireless_controller_vap_group:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_vap_group:
        comment: "Comment."
        name: "default_name_4"
        vaps:
         -
            name: "default_name_6 (source wireless-controller.vap.name)"
```

5.582.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.582.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.582.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)

- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.583 fortios_wireless_controller_vap_status – Wireless controller VAP-status in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.583.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and vap_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.583.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.583.3 Parameters

5.583.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.583.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Wireless controller VAP-status.
    fortios_wireless_controller_vap_status:
      vdom:  "{{ vdom }}"
      wireless_controller_vap_status:
        set_1: "<your_own_value>"
```

5.583.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.583.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.583.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.584 fortios_wireless_controller_wag_profile – Configure wireless access gateway (WAG) profiles used for tunnels on AP in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.584.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and wag_profile category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.584.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.584.3 Parameters

5.584.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.584.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure wireless access gateway (WAG) profiles used for tunnels on AP.
    fortios_wireless_controller_wag_profile:
```

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```
    vdom:  "{{ vdom }}"
    state: "present"
    wireless_controller_wag_profile:
      comment: "Comment."
      dhcp_ip_addr: "<your_own_value>"
      name: "default_name_5"
      ping_interval: "6"
      ping_number: "7"
      return_packet_timeout: "8"
      tunnel_type: "l2tpv3"
      wag_ip: "<your_own_value>"
      wag_port: "11"
```

5.584.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.584.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.584.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.585 fortios_wireless_controller_wids_profile – Configure wireless intrusion detection system (WIDS) profiles in Fortinet's FortiOS and FortiGate.

New in version 2.8.

- *Synopsis*
- *Requirements*

- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.585.1 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 v6.4.0

5.585.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.585.3 Parameters

5.585.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.585.5 Examples

```
- hosts: fortigates
  collections:
    - 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"
        ap_bgscan_disable_schedules:
```

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```
        -
            name: "default_name_5 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
        ap_bgscan_duration: "6"
        ap_bgscan_idle: "7"
        ap_bgscan_intv: "8"
        ap_bgscan_period: "9"
        ap_bgscan_report_intv: "10"
        ap_fgscan_report_intv: "11"
        ap_scan: "disable"
        ap_scan_passive: "enable"
        ap_scan_threshold: "<your_own_value>"
        asleap_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"
```

5.585.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.585.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.585.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.586 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*

5.586.1 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 v6.4.0

5.586.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.586.3 Parameters

5.586.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.586.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "https"
        apcfg_profile: "<your_own_value> (source wireless-controller.apcfg-profile.
↪name)"
        bonjour_profile: "<your_own_value> (source wireless-controller.bonjour-
↪profile.name)"
        coordinate_latitude: "<your_own_value>"
        coordinate_longitude: "<your_own_value>"
        firmware_provision: "<your_own_value>"
        image_download: "enable"
        index: "11"
        ip_fragment_preventing: "tcp-mss-adjust"
        lan:
            port_mode: "offline"
            port_ssid: "<your_own_value> (source system.interface.name)"
            port1_mode: "offline"
            port1_ssid: "<your_own_value> (source system.interface.name)"
            port2_mode: "offline"
            port2_ssid: "<your_own_value> (source system.interface.name)"
            port3_mode: "offline"
            port3_ssid: "<your_own_value> (source system.interface.name)"
            port4_mode: "offline"
            port4_ssid: "<your_own_value> (source system.interface.name)"
            port5_mode: "offline"
            port5_ssid: "<your_own_value> (source system.interface.name)"
```

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```
            port6_mode: "offline"
            port6_ssid: "<your_own_value> (source system.interface.name)"
            port7_mode: "offline"
            port7_ssid: "<your_own_value> (source system.interface.name)"
            port8_mode: "offline"
            port8_ssid: "<your_own_value> (source system.interface.name)"
        led_state: "enable"
        location: "<your_own_value>"
        login_passwd: "<your_own_value>"
        login_passwd_change: "yes"
        mesh_bridge_enable: "default"
        name: "default_name_37"
        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: "46"
            auto_power_level: "enable"
            auto_power_low: "48"
            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: "57"
            spectrum_analysis: "enable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_61 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
        radio_2:
            auto_power_high: "63"
            auto_power_level: "enable"
            auto_power_low: "65"
            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: "74"
            spectrum_analysis: "enable"
            vap_all: "enable"
            vaps:
             -
```

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```
                name: "default_name_78 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
        radio_3:
            auto_power_high: "80"
            auto_power_level: "enable"
            auto_power_low: "82"
            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: "91"
            spectrum_analysis: "enable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_95 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
        radio_4:
            auto_power_high: "97"
            auto_power_level: "enable"
            auto_power_low: "99"
            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: "108"
            spectrum_analysis: "enable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_112 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
        region: "<your_own_value> (source wireless-controller.region.name)"
        region_x: "<your_own_value>"
        region_y: "<your_own_value>"
        split_tunneling_acl:
         -
            dest_ip: "<your_own_value>"
            id:  "118"
        split_tunneling_acl_local_ap_subnet: "enable"
        split_tunneling_acl_path: "tunnel"
        tun_mtu_downlink: "121"
        tun_mtu_uplink: "122"
        wan_port_mode: "wan-lan"
        wtp_id: "<your_own_value>"
        wtp_mode: "normal"
        wtp_profile: "<your_own_value> (source wireless-controller.wtp-profile.name)"
```

5.586.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.586.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.586.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.587 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*

5.587.1 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 v6.4.0

5.587.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.587.3 Parameters

5.587.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.587.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Configure WTP groups.
    fortios_wireless_controller_wtp_group:
      vdom:  "{{ vdom }}"
      state: "present"
      wireless_controller_wtp_group:
        name: "default_name_3"
        platform_type: "AP-11N"
        wtps:
         -
            wtp_id: "<your_own_value> (source wireless-controller.wtp.wtp-id)"
```

5.587.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.587.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.587.8 Authors

- Link Zheng (@chillancezen)

- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.588 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*
- *Return Values*
- *Status*
- *Authors*

5.588.1 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 v6.4.0

5.588.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.588.3 Parameters

5.588.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.588.5 Examples

```
- hosts: fortigates
  collections:
    - 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: "https"
        ap_country: "NA"
        ap_handoff: "enable"
        apcfg_profile: "<your_own_value> (source wireless-controller.apcfg-profile.
↪name)"
        ble_profile: "<your_own_value> (source wireless-controller.ble-profile.name)"
        comment: "Comment."
        control_message_offload: "ebp-frame"
        deny_mac_list:
         -
            id:  "11"
            mac: "<your_own_value>"
        dtls_in_kernel: "enable"
        dtls_policy: "clear-text"
        energy_efficient_ethernet: "enable"
        ext_info_enable: "enable"
        frequency_handoff: "enable"
        handoff_roaming: "enable"
        handoff_rssi: "19"
        handoff_sta_thresh: "20"
        ip_fragment_preventing: "tcp-mss-adjust"
        lan:
            port_mode: "offline"
            port_ssid: "<your_own_value> (source system.interface.name)"
            port1_mode: "offline"
            port1_ssid: "<your_own_value> (source system.interface.name)"
            port2_mode: "offline"
            port2_ssid: "<your_own_value> (source system.interface.name)"
            port3_mode: "offline"
            port3_ssid: "<your_own_value> (source system.interface.name)"
            port4_mode: "offline"
            port4_ssid: "<your_own_value> (source system.interface.name)"
            port5_mode: "offline"
```

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```
            port5_ssid: "<your_own_value> (source system.interface.name)"
            port6_mode: "offline"
            port6_ssid: "<your_own_value> (source system.interface.name)"
            port7_mode: "offline"
            port7_ssid: "<your_own_value> (source system.interface.name)"
            port8_mode: "offline"
            port8_ssid: "<your_own_value> (source system.interface.name)"
        lbs:
            aeroscout: "enable"
            aeroscout_ap_mac: "bssid"
            aeroscout_mmu_report: "enable"
            aeroscout_mu: "enable"
            aeroscout_mu_factor: "46"
            aeroscout_mu_timeout: "47"
            aeroscout_server_ip: "<your_own_value>"
            aeroscout_server_port: "49"
            ekahau_blink_mode: "enable"
            ekahau_tag: "<your_own_value>"
            erc_server_ip: "<your_own_value>"
            erc_server_port: "53"
            fortipresence: "foreign"
            fortipresence_ble: "enable"
            fortipresence_frequency: "56"
            fortipresence_port: "57"
            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_65 (source firewall.schedule.group.name firewall.
↪schedule.recurring.name firewall.schedule.onetime.name)"
        led_state: "enable"
        lldp: "enable"
        login_passwd: "<your_own_value>"
        login_passwd_change: "yes"
        max_clients: "70"
        name: "default_name_71"
        platform:
            ddscan: "enable"
            mode: "single-5G"
            type: "AP-11N"
        poe_mode: "auto"
        radio_1:
            airtime_fairness: "enable"
            amsdu: "enable"
            ap_sniffer_addr: "<your_own_value>"
            ap_sniffer_bufsize: "81"
            ap_sniffer_chan: "82"
            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: "88"
```

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```
            auto_power_level: "enable"
            auto_power_low: "90"
            band: "802.11a"
            band_5g_type: "5g-full"
            bandwidth_admission_control: "enable"
            bandwidth_capacity: "94"
            beacon_interval: "95"
            call_admission_control: "enable"
            call_capacity: "97"
            channel:
             -
                chan: "<your_own_value>"
            channel_bonding: "160MHz"
            channel_utilization: "enable"
            coexistence: "enable"
            darrp: "enable"
            dtim: "104"
            frag_threshold: "105"
            max_clients: "106"
            max_distance: "107"
            mode: "disabled"
            power_level: "109"
            powersave_optimize: "tim"
            protection_mode: "rtscts"
            rts_threshold: "112"
            short_guard_interval: "enable"
            spectrum_analysis: "enable"
            transmit_optimize: "disable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_118 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
            wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
            zero_wait_dfs: "enable"
        radio_2:
            airtime_fairness: "enable"
            amsdu: "enable"
            ap_sniffer_addr: "<your_own_value>"
            ap_sniffer_bufsize: "125"
            ap_sniffer_chan: "126"
            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: "132"
            auto_power_level: "enable"
            auto_power_low: "134"
            band: "802.11a"
            band_5g_type: "5g-full"
            bandwidth_admission_control: "enable"
            bandwidth_capacity: "138"
            beacon_interval: "139"
            call_admission_control: "enable"
            call_capacity: "141"
```

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```
            channel:
             -
                chan: "<your_own_value>"
            channel_bonding: "160MHz"
            channel_utilization: "enable"
            coexistence: "enable"
            darrp: "enable"
            dtim: "148"
            frag_threshold: "149"
            max_clients: "150"
            max_distance: "151"
            mode: "disabled"
            power_level: "153"
            powersave_optimize: "tim"
            protection_mode: "rtscts"
            rts_threshold: "156"
            short_guard_interval: "enable"
            spectrum_analysis: "enable"
            transmit_optimize: "disable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_162 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
            wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
            zero_wait_dfs: "enable"
        radio_3:
            airtime_fairness: "enable"
            amsdu: "enable"
            ap_sniffer_addr: "<your_own_value>"
            ap_sniffer_bufsize: "169"
            ap_sniffer_chan: "170"
            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: "176"
            auto_power_level: "enable"
            auto_power_low: "178"
            band: "802.11a"
            band_5g_type: "5g-full"
            bandwidth_admission_control: "enable"
            bandwidth_capacity: "182"
            beacon_interval: "183"
            call_admission_control: "enable"
            call_capacity: "185"
            channel:
             -
                chan: "<your_own_value>"
            channel_bonding: "160MHz"
            channel_utilization: "enable"
            coexistence: "enable"
            darrp: "enable"
            dtim: "192"
            frag_threshold: "193"
```

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```
            max_clients: "194"
            max_distance: "195"
            mode: "disabled"
            power_level: "197"
            powersave_optimize: "tim"
            protection_mode: "rtscts"
            rts_threshold: "200"
            short_guard_interval: "enable"
            spectrum_analysis: "enable"
            transmit_optimize: "disable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_206 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
            wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
            zero_wait_dfs: "enable"
        radio_4:
            airtime_fairness: "enable"
            amsdu: "enable"
            ap_sniffer_addr: "<your_own_value>"
            ap_sniffer_bufsize: "213"
            ap_sniffer_chan: "214"
            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: "220"
            auto_power_level: "enable"
            auto_power_low: "222"
            band: "802.11a"
            band_5g_type: "5g-full"
            bandwidth_admission_control: "enable"
            bandwidth_capacity: "226"
            beacon_interval: "227"
            call_admission_control: "enable"
            call_capacity: "229"
            channel:
             -
                chan: "<your_own_value>"
            channel_bonding: "160MHz"
            channel_utilization: "enable"
            coexistence: "enable"
            darrp: "enable"
            dtim: "236"
            frag_threshold: "237"
            max_clients: "238"
            max_distance: "239"
            mode: "disabled"
            power_level: "241"
            powersave_optimize: "tim"
            protection_mode: "rtscts"
            rts_threshold: "244"
            short_guard_interval: "enable"
            spectrum_analysis: "enable"
```

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```
            transmit_optimize: "disable"
            vap_all: "enable"
            vaps:
             -
                name: "default_name_250 (source wireless-controller.vap-group.name␣
↪system.interface.name)"
            wids_profile: "<your_own_value> (source wireless-controller.wids-profile.
↪name)"
            zero_wait_dfs: "enable"
        split_tunneling_acl:
         -
            dest_ip: "<your_own_value>"
            id:  "255"
        split_tunneling_acl_local_ap_subnet: "enable"
        split_tunneling_acl_path: "tunnel"
        tun_mtu_downlink: "258"
        tun_mtu_uplink: "259"
        wan_port_mode: "wan-lan"
```

5.588.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.588.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.588.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
- Frank Shen (@frankshen01)
- Jie Xue (@JieX19)
- Miguel Angel Munoz (@mamunozgonzalez)
- Nicolas Thomas (@thomnico)

Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

5.589 fortios_wireless_controller_wtp_status – Wireless controller WTP-status in Fortinet's FortiOS and FortiGate.

New in version 2.10.

- *Synopsis*
- *Requirements*
- *Parameters*
- *Notes*
- *Examples*
- *Return Values*
- *Status*
- *Authors*

5.589.1 Synopsis

- This module is able to configure a FortiGate or FortiOS (FOS) device by allowing the user to set and modify wireless_controller feature and wtp_status category. Examples include all parameters and values need to be adjusted to datasources before usage. Tested with FOS v6.4.0

5.589.2 Requirements

The below requirements are needed on the host that executes this module.

- ansible>=2.9.0

5.589.3 Parameters

5.589.4 Notes

Note:

- Legacy fortiosapi has been deprecated, httpapi is the preferred way to run playbooks

5.589.5 Examples

```
- hosts: fortigates
  collections:
    - fortinet.fortios
  connection: httpapi
  vars:
   vdom: "root"
   ansible_httpapi_use_ssl: yes
   ansible_httpapi_validate_certs: no
   ansible_httpapi_port: 443
  tasks:
  - name: Wireless controller WTP-status.
    fortios_wireless_controller_wtp_status:
```

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```
    vdom:  "{{ vdom }}"
    wireless_controller_wtp_status:
      <wtp_id>: "<your_own_value>"
```

5.589.6 Return Values

Common return values are documented: https://docs.ansible.com/ansible/latest/reference_appendices/common_return_values.html#common-return-values, the following are the fields unique to this module:

5.589.7 Status

- This module is not guaranteed to have a backwards compatible interface.

5.589.8 Authors

- Link Zheng (@chillancezen)
- Hongbin Lu (@fgtdev-hblu)
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Hint: If you notice any issues in this documentation, you can create a pull request to improve it.

CHAPTER 6

Release Notes

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_dlpfpcache	no	yes
111	fortios_test_dnsproxy	no	yes
112	fortios_test_dsd	no	yes
113	fortios_test_fas	no	yes
114	fortios_test_fcnacd	no	yes
115	fortios_test_fnbamd	no	yes
116	fortios_test_forticldd	no	yes
117	fortios_test_forticron	no	yes
118	fortios_test_fsd	no	yes
119	fortios_test_fsvrd	no	yes
120	fortios_test_ftpd	no	yes
121	fortios_test_gcpd	no	yes
122	fortios_test_harelay	no	yes
123	fortios_test_hasync	no	yes
124	fortios_test_hatalk	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_ipldbd	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_lnkmtd	no	yes
137	fortios_test_lted	no	yes
138	fortios_test_miglogd	no	yes
139	fortios_test_mrd	no	yes
140	fortios_test_netxd	no	yes
141	fortios_test_nntp	no	yes
142	fortios_test_ocid	no	yes
143	fortios_test_openstackd	no	yes
144	fortios_test_ovrd	no	yes
145	fortios_test_pop3	no	yes
146	fortios_test_pptpcd	no	yes
147	fortios_test_quarantined	no	yes
148	fortios_test_radius_das	no	yes
149	fortios_test_radiusd	no	yes
150	fortios_test_radvd	no	yes
151	fortios_test_reportd	no	yes
152	fortios_test_sdncd	no	yes
153	fortios_test_sepmd	no	yes
154	fortios_test_sessionsync	no	yes
155	fortios_test_sflowd	no	yes
156	fortios_test_smtp	no	yes
157	fortios_test_snmpd	no	yes
158	fortios_test_uploadd	no	yes
159	fortios_test_urlfilter	no	yes
160	fortios_test_vmwd	no	yes
161	fortios_test_wad	no	yes
162	fortios_test_wccpd	no	yes
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`.