
Fortinet FortiManager Ansible Collection

Release 1.0

Jun 01, 2020

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fmgr_antivirus_profile – Configure AntiVirus profiles.

New in version 2.10.

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

1.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/antivirus/profile`
- `/pm/config/global/obj/antivirus/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

1.2 Requirements

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

- ansible>=2.10.0

1.3 Parameters

1.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

1.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/ANTIVIRUS/PROFILE
      fmgr_antivirus_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                analytics-bl-filetype: <value of string>
                analytics-db: <value in [disable, enable]>
                analytics-max-upload: <value of integer>
                analytics-wl-filetype: <value of string>
                av-block-log: <value in [disable, enable]>
                av-virus-log: <value in [disable, enable]>
```

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```

        comment: <value of string>
        extended-log: <value in [disable, enable]>
        ftgd-analytics: <value in [disable, suspicious, everything]>
        inspection-mode: <value in [proxy, flow-based]>
        mobile-malware-db: <value in [disable, enable]>
        name: <value of string>
        replacemsg-group: <value of string>
        scan-mode: <value in [quick, full]>
-   name: REQUESTING /PM/CONFIG/OBJ/ANTIVIRUS/PROFILE
    fmgr_antivirus_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [get]>
        url_params:
            adom: <value in [none, global, custom dom]>
        params:
            -
                attr: <value of string>
                fields:
                    -
                        - <value in [analytics-bl-filetype, analytics-db, analytics-max-
↪upload, ...]>
                filter:
                    - <value of string>
                get_used: <value of integer>
                loadsub: <value of integer>
                option: <value in [count, object member, datasrc, ...]>
                range:
                    - <value of integer>
                sortings:
                    -
                        varidic.attr_name: <value in [1, -1]>

```

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:

1.7 Status

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

1.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_antivirus_profile_obj – Configure AntiVirus profiles.

New in version 2.10.

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

2.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/antivirus/profile/{profile}`
- `/pm/config/global/obj/antivirus/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

2.2 Requirements

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

- ansible>=2.10.0

2.3 Parameters

2.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

2.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/ANTIVIRUS/PROFILE/{PROFILE}
      fmgr_antivirus_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              analytics-bl-filetype: <value of string>
              analytics-db: <value in [disable, enable]>
              analytics-max-upload: <value of integer>
              analytics-wl-filetype: <value of string>
              av-block-log: <value in [disable, enable]>
              av-virus-log: <value in [disable, enable]>
```

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```

    comment: <value of string>
    extended-log: <value in [disable, enable]>
    ftgd-analytics: <value in [disable, suspicious, everything]>
    inspection-mode: <value in [proxy, flow-based]>
    mobile-malware-db: <value in [disable, enable]>
    name: <value of string>
    replacemsg-group: <value of string>
    scan-mode: <value in [quick, full]>
- name: REQUESTING /PM/CONFIG/OBJ/ANTIVIRUS/PROFILE/{PROFILE}
  fmgr_antivirus_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

2.7 Status

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

2.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_application_list – Configure application control lists.

New in version 2.10.

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

3.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/application/list`
- `/pm/config/global/obj/application/list`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

3.2 Requirements

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

- ansible>=2.10.0

3.3 Parameters

3.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

3.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/APPLICATION/LIST
      fmgr_application_list:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                app-replacemsg: <value in [disable, enable]>
                comment: <value of string>
                deep-app-inspection: <value in [disable, enable]>
                entries:
                  -
                    action: <value in [pass, block, reset]>
```

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```

    application:
      - <value of integer>
    behavior:
      - <value of string>
    category: <value of string>
    id: <value of integer>
    log: <value in [disable, enable]>
    log-packet: <value in [disable, enable]>
    parameters:
      -
        id: <value of integer>
        value: <value of string>
    per-ip-shaper: <value of string>
    popularity:
      - <value in [1, 2, 3, ...]>
    protocols:
      - <value of string>
    quarantine: <value in [none, attacker]>
    quarantine-expiry: <value of string>
    quarantine-log: <value in [disable, enable]>
    rate-count: <value of integer>
    rate-duration: <value of integer>
    rate-mode: <value in [periodical, continuous]>
    rate-track: <value in [none, src-ip, dest-ip, ...]>
    risk:
      - <value of integer>
    session-ttl: <value of integer>
    shaper: <value of string>
    shaper-reverse: <value of string>
    sub-category:
      - <value of integer>
    technology:
      - <value of string>
    vendor:
      - <value of string>
    extended-log: <value in [disable, enable]>
    name: <value of string>
    options:
      - <value in [allow-dns, allow-icmp, allow-http, ...]>
    other-application-action: <value in [pass, block]>
    other-application-log: <value in [disable, enable]>
    p2p-black-list:
      - <value in [skype, edonkey, bittorrent]>
    replacemsg-group: <value of string>
    unknown-application-action: <value in [pass, block]>
    unknown-application-log: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/APPLICATION/LIST
  fmgr_application_list:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -

```

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```
attr: <value of string>
fields:
  -
    - <value in [app-replacemsg, comment, deep-app-inspection, ...]>
filter:
  - <value of string>
get_used: <value of integer>
loadsub: <value of integer>
option: <value in [count, object member, datasrc, ...]>
range:
  - <value of integer>
sortings:
  -
    varidic.attr_name: <value in [1, -1]>
```

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:

3.7 Status

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

3.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_application_list_obj – Configure application control lists.

New in version 2.10.

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

4.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/application/list/{list}`
- `/pm/config/global/obj/application/list/{list}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

4.2 Requirements

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

- ansible>=2.10.0

4.3 Parameters

4.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

4.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/APPLICATION/LIST/{LIST}
      fmgr_application_list_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          list: <value of string>
        params:
          -
            data:
              app-replacemsg: <value in [disable, enable]>
              comment: <value of string>
              deep-app-inspection: <value in [disable, enable]>
              entries:
                -
                  action: <value in [pass, block, reset]>
```

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```

    application:
      - <value of integer>
    behavior:
      - <value of string>
    category: <value of string>
    id: <value of integer>
    log: <value in [disable, enable]>
    log-packet: <value in [disable, enable]>
    parameters:
      -
        id: <value of integer>
        value: <value of string>
    per-ip-shaper: <value of string>
    popularity:
      - <value in [1, 2, 3, ...]>
    protocols:
      - <value of string>
    quarantine: <value in [none, attacker]>
    quarantine-expiry: <value of string>
    quarantine-log: <value in [disable, enable]>
    rate-count: <value of integer>
    rate-duration: <value of integer>
    rate-mode: <value in [periodical, continuous]>
    rate-track: <value in [none, src-ip, dest-ip, ...]>
    risk:
      - <value of integer>
    session-ttl: <value of integer>
    shaper: <value of string>
    shaper-reverse: <value of string>
    sub-category:
      - <value of integer>
    technology:
      - <value of string>
    vendor:
      - <value of string>
    extended-log: <value in [disable, enable]>
    name: <value of string>
    options:
      - <value in [allow-dns, allow-icmp, allow-http, ...]>
    other-application-action: <value in [pass, block]>
    other-application-log: <value in [disable, enable]>
    p2p-black-list:
      - <value in [skype, edonkey, bittorrent]>
    replacemsg-group: <value of string>
    unknown-application-action: <value in [pass, block]>
    unknown-application-log: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/APPLICATION/LIST/{LIST}
  fmgr_application_list_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      list: <value of string>
    params:

```

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```
-  
  option: <value in [object member, chksum, datasrc]>
```

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:

4.7 Status

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

4.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_device_profile_fortianalyzer

New in version 2.10.

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

5.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/device/profile/fortianalyzer`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

5.2 Requirements

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

- ansible>=2.10.0

5.3 Parameters

5.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

5.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/DEVICE/PROFILE/FORTIANALYZER
    fmgr_devprof_device_profile_fortianalyzer:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/DEVICE/PROFILE/FORTIANALYZER
    fmgr_devprof_device_profile_fortianalyzer:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-  
  data:  
    managed-sn: <value of string>  
    target: <value in [none, this-fmg, managed, ...]>  
    target-ip: <value of string>  
    target-sn:  
      - <value of string>
```

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:

5.7 Status

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

5.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_device_profile_fortiguard

New in version 2.10.

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

6.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/device/profile/fortiguard`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

6.2 Requirements

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

- ansible>=2.10.0

6.3 Parameters

6.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

6.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/DEVICE/PROFILE/FORTIGUARD
    fmgr_devprof_device_profile_fortiguard:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/DEVICE/PROFILE/FORTIGUARD
    fmgr_devprof_device_profile_fortiguard:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-  
  data:  
    target: <value in [none, direct, this-fmg]>  
    target-ip: <value of string>
```

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:

6.7 Status

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

6.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_log_syslogd_filter – Filters for remote system server.

New in version 2.10.

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

7.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/log/syslogd/filter`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

7.2 Requirements

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

- ansible>=2.10.0

7.3 Parameters

7.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

7.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/LOG/SYSLOGD/FILTER
    fmgr_devprof_log_syslogd_filter:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/LOG/SYSLOGD/FILTER
    fmgr_devprof_log_syslogd_filter:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-  
  data:  
    severity: <value in [emergency, alert, critical, ...]>
```

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:

7.7 Status

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

7.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_log_syslogd_setting – Global settings for remote syslog server.

New in version 2.10.

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

8.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/log/syslogd/setting`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

8.2 Requirements

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

- ansible>=2.10.0

8.3 Parameters

8.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

8.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/LOG/SYSLOGD/SETTING
  fmgr_devprof_log_syslogd_setting:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/LOG/SYSLOGD/SETTING
  fmgr_devprof_log_syslogd_setting:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
```

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```
method: <value in [set, update]>
url_params:
  adom: <value in [none, global, custom dom]>
  devprof: <value of string>
params:
  -
    data:
      certificate: <value of string>
      enc-algorithm: <value in [high, low, disable, ...]>
      facility: <value in [kernel, user, mail, ...]>
      mode: <value in [udp, legacy-reliable, reliable]>
      port: <value of integer>
      server: <value of string>
      ssl-min-proto-version: <value in [default, TLSv1-1, TLSv1-2, ...]>
      status: <value in [disable, enable]>
```

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:

8.7 Status

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

8.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_centralmanagement – Configure central management.

New in version 2.10.

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

9.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/central-management`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

9.2 Requirements

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

- ansible>=2.10.0

9.3 Parameters

9.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

9.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/CENTRAL-MANAGEMENT
  fmgr_devprof_system_centralmanagement:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/CENTRAL-MANAGEMENT
  fmgr_devprof_system_centralmanagement:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
```

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```

method: <value in [set, update]>
url_params:
  adom: <value in [none, global, custom dom]>
  devprof: <value of string>
params:
  -
    data:
      include-default-servers: <value in [disable, enable]>
      server-list:
        -
          addr-type: <value in [fqdn, ipv4, ipv6]>
          fqdn: <value of string>
          id: <value of integer>
          server-address: <value of string>
          server-address6: <value of string>
          server-type:
            - <value in [update, rating]>

```

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:

9.7 Status

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

9.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_dns – Configure DNS.

New in version 2.10.

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

10.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/dns`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

10.2 Requirements

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

- ansible>=2.10.0

10.3 Parameters

10.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

10.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/DNS
    fmgr_devprof_system_dns:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/DNS
    fmgr_devprof_system_dns:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-  
  data:  
    cache-notfound-responses: <value in [disable, enable]>  
    dns-cache-limit: <value of integer>  
    dns-cache-ttl: <value of integer>  
    domain: <value of string>  
    ip6-primary: <value of string>  
    ip6-secondary: <value of string>  
    primary: <value of string>  
    secondary: <value of string>
```

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:

10.7 Status

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

10.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_emailserver – Configure the email server used by the FortiGate various things.

New in version 2.10.

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

11.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- */pm/config/adom/{adom}/devprof/{devprof}/system/email-server*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

11.2 Requirements

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

- ansible>=2.10.0

11.3 Parameters

11.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

11.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/EMAIL-SERVER
  fmgr_devprof_system_emailserver:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/EMAIL-SERVER
  fmgr_devprof_system_emailserver:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
```

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```

method: <value in [set, update]>
url_params:
  adom: <value in [none, global, custom dom]>
  devprof: <value of string>
params:
  -
    data:
      authenticate: <value in [disable, enable]>
      password:
        - <value of string>
      port: <value of integer>
      reply-to: <value of string>
      security: <value in [none, starttls, smtps]>
      server: <value of string>
      source-ip: <value of string>
      source-ip6: <value of string>
      ssl-min-proto-version: <value in [default, TLSv1, TLSv1-1, ...]>
      type: <value in [custom]>
      username: <value of string>
      validate-server: <value in [disable, enable]>

```

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:

11.7 Status

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

11.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_global – Configure global attributes.

New in version 2.10.

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

12.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/global`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

12.2 Requirements

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

- ansible>=2.10.0

12.3 Parameters

12.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

12.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/GLOBAL
    fmgr_devprof_system_global:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/GLOBAL
    fmgr_devprof_system_global:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-
  data:
    admin-https-redirect: <value in [disable, enable]>
    admin-port: <value of integer>
    admin-scp: <value in [disable, enable]>
    admin-sport: <value of integer>
    admin-ssh-port: <value of integer>
    admin-ssh-v1: <value in [disable, enable]>
    admin-telnet-port: <value of integer>
    admintimeout: <value of integer>
    gui-ipv6: <value in [disable, enable]>
    gui-lines-per-page: <value of integer>
    gui-theme: <value in [blue, green, melongene, ...]>
    language: <value in [english, simch, japanese, ...]>
    switch-controller: <value in [disable, enable]>
```

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:

12.7 Status

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

12.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_ntp – Configure system NTP information.

New in version 2.10.

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

13.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/ntp`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

13.2 Requirements

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

- ansible>=2.10.0

13.3 Parameters

13.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

13.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/NTP
    fmgr_devprof_system_ntp:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/NTP
    fmgr_devprof_system_ntp:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-
  data:
    ntpserver:
      -
        authentication: <value in [disable, enable]>
        id: <value of integer>
        key:
          - <value of string>
        key-id: <value of integer>
        ntpv3: <value in [disable, enable]>
        server: <value of string>
        ntpsync: <value in [disable, enable]>
        source-ip6: <value of string>
        syncinterval: <value of integer>
        type: <value in [fortiguard, custom]>
```

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:

13.7 Status

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

13.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_snmp_community – SNMP community configuration.

New in version 2.10.

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

14.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**add**, **get**, **set**, **update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/snmp/community`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

14.2 Requirements

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

- ansible>=2.10.0

14.3 Parameters

14.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

14.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/COMMUNITY
      fmgr_devprof_system_snmp_community:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          devprof: <value of string>
        params:
          -
            data:
              -
                events:
                  - <value in [cpu-high, mem-low, log-full, ...]>
                hosts:
                  -
                    ha-direct: <value in [disable, enable]>
```

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```

        host-type: <value in [any, query, trap]>
        id: <value of integer>
        ip: <value of string>
        source-ip: <value of string>
    hosts6:
        -
            ha-direct: <value in [disable, enable]>
            host-type: <value in [any, query, trap]>
            id: <value of integer>
            ipv6: <value of string>
            source-ipv6: <value of string>
    id: <value of integer>
    name: <value of string>
    query-v1-port: <value of integer>
    query-v1-status: <value in [disable, enable]>
    query-v2c-port: <value of integer>
    query-v2c-status: <value in [disable, enable]>
    status: <value in [disable, enable]>
    trap-v1-lport: <value of integer>
    trap-v1-rport: <value of integer>
    trap-v1-status: <value in [disable, enable]>
    trap-v2c-lport: <value of integer>
    trap-v2c-rport: <value of integer>
    trap-v2c-status: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/COMMUNITY
  fmgr_devprof_system_snmp_community:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [events, id, name, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

14.7 Status

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

14.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_snmp_community_obj – SNMP community configuration.

New in version 2.10.

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

15.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/snmp/community/{community}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

15.2 Requirements

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

- ansible>=2.10.0

15.3 Parameters

15.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

15.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/COMMUNITY/{COMMUNITY}
      fmgr_devprof_system_snmp_community_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          devprof: <value of string>
          community: <value of string>
        params:
          -
            data:
              events:
                - <value in [cpu-high, mem-low, log-full, ...]>
              hosts:
                -
                  ha-direct: <value in [disable, enable]>
```

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```

        host-type: <value in [any, query, trap]>
        id: <value of integer>
        ip: <value of string>
        source-ip: <value of string>
    hosts6:
    -
        ha-direct: <value in [disable, enable]>
        host-type: <value in [any, query, trap]>
        id: <value of integer>
        ipv6: <value of string>
        source-ipv6: <value of string>
    id: <value of integer>
    name: <value of string>
    query-v1-port: <value of integer>
    query-v1-status: <value in [disable, enable]>
    query-v2c-port: <value of integer>
    query-v2c-status: <value in [disable, enable]>
    status: <value in [disable, enable]>
    trap-v1-lport: <value of integer>
    trap-v1-rport: <value of integer>
    trap-v1-status: <value in [disable, enable]>
    trap-v2c-lport: <value of integer>
    trap-v2c-rport: <value of integer>
    trap-v2c-status: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/COMMUNITY/{COMMUNITY}
  fmgr_devprof_system_snmp_community_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
      community: <value of string>
    params:
    -
      option: <value in [object member, chksum, datasrc]>

```

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:

15.7 Status

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

15.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_snmp_sysinfo – SNMP system info configuration.

New in version 2.10.

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

16.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/snmp/sysinfo`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

16.2 Requirements

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

- ansible>=2.10.0

16.3 Parameters

16.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

16.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/SYSINFO
    fmgr_devprof_system_snmp_sysinfo:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          option: <value in [object member, chksum, datasrc]>

  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/SYSINFO
    fmgr_devprof_system_snmp_sysinfo:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
```

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```
-  
  data:  
    status: <value in [disable, enable]>
```

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:

16.7 Status

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

16.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_snmp_user – SNMP user configuration.

New in version 2.10.

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

17.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/snmp/user`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

17.2 Requirements

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

- ansible>=2.10.0

17.3 Parameters

17.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

17.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/USER
    fmgr_devprof_system_snmp_user:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          data:
            -
              auth-proto: <value in [md5, sha]>
              auth-pwd:
                - <value of string>
              events:
                - <value in [cpu-high, mem-low, log-full, ...]>
              ha-direct: <value in [disable, enable]>
              name: <value of string>
              notify-hosts:
                - <value of string>
              notify-hosts6: <value of string>
```

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```

    priv-proto: <value in [aes, des, aes256, ...]>
    priv-pwd:
      - <value of string>
    queries: <value in [disable, enable]>
    query-port: <value of integer>
    security-level: <value in [no-auth-no-priv, auth-no-priv, auth-
->priv]>

    source-ip: <value of string>
    source-ipv6: <value of string>
    status: <value in [disable, enable]>
    trap-lport: <value of integer>
    trap-rport: <value of integer>
    trap-status: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/USER
  fmgr_devprof_system_snmp_user:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [auth-proto, auth-pwd, events, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

17.7 Status

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

17.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_devprof_system_snmp_user_obj – SNMP user configuration.

New in version 2.10.

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

18.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/devprof/{devprof}/system/snmp/user/{user}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

18.2 Requirements

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

- ansible>=2.10.0

18.3 Parameters

18.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

18.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/USER/{USER}
    fmgr_devprof_system_snmp_user_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [clone, set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
        user: <value of string>
      params:
        -
          data:
            auth-proto: <value in [md5, sha]>
            auth-pwd:
              - <value of string>
            events:
              - <value in [cpu-high, mem-low, log-full, ...]>
            ha-direct: <value in [disable, enable]>
            name: <value of string>
            notify-hosts:
              - <value of string>
            notify-hosts6: <value of string>
```

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```

    priv-proto: <value in [aes, des, aes256, ...]>
    priv-pwd:
      - <value of string>
    queries: <value in [disable, enable]>
    query-port: <value of integer>
    security-level: <value in [no-auth-no-priv, auth-no-priv, auth-priv]>
    source-ip: <value of string>
    source-ipv6: <value of string>
    status: <value in [disable, enable]>
    trap-lport: <value of integer>
    trap-rport: <value of integer>
    trap-status: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/DEVPROF/{DEVPROF}/SYSTEM/SNMP/USER/{USER}
  fmgr_devprof_system_snmp_user_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
      user: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

18.7 Status

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

18.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dnsfilter_profile – Configure DNS domain filter profiles.

New in version 2.10.

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

19.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/dnsfilter/profile`
- `/pm/config/global/obj/dnsfilter/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

19.2 Requirements

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

- ansible>=2.10.0

19.3 Parameters

19.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

19.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE
      fmgr_dnsfilter_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                block-action: <value in [block, redirect]>
                block-botnet: <value in [disable, enable]>
                comment: <value of string>
                external-ip-blocklist: <value of string>
                log-all-domain: <value in [disable, enable]>
                name: <value of string>
```

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```

        redirect-portal: <value of string>
        safe-search: <value in [disable, enable]>
        sdns-domain-log: <value in [disable, enable]>
        sdns-ftgd-err-log: <value in [disable, enable]>
        youtube-restrict: <value in [strict, moderate]>

- name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE
  fmgr_dnsfilter_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [block-action, block-botnet, comment, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

19.7 Status

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

19.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dnsfilter_profile_obj – Configure DNS domain filter profiles.

New in version 2.10.

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

20.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/dnsfilter/profile/{profile}`
- `/pm/config/global/obj/dnsfilter/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

20.2 Requirements

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

- ansible>=2.10.0

20.3 Parameters

20.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

20.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE/{PROFILE}
      fmgr_dnsfilter_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              block-action: <value in [block, redirect]>
              block-botnet: <value in [disable, enable]>
              comment: <value of string>
              external-ip-blocklist: <value of string>
              log-all-domain: <value in [disable, enable]>
              name: <value of string>
```

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```

    redirect-portal: <value of string>
    safe-search: <value in [disable, enable]>
    sdns-domain-log: <value in [disable, enable]>
    sdns-ftgd-err-log: <value in [disable, enable]>
    youtube-restrict: <value in [strict, moderate]>

- name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE/{PROFILE}
  fmgr_dnsfilter_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

20.7 Status

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

20.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

`fmgr_dvm_cmd_add_device` – Add a device to the Device Manager database.

New in version 2.10.

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

21.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- `/dvm/cmd/add/device`
- `/dvm/cmd/add/device`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

21.2 Requirements

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

- ansible>=2.10.0

21.3 Parameters

21.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

21.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVM/CMD/ADD/DEVICE
      fmgr_dvm_cmd_add_device:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        params:
          -
            data:
              adom: <value of string>
              device:
                adm_pass:
                  - <value of string>
                adm_usr: <value of string>
                desc: <value of string>
                device action: <value of string>
                faz.quota: <value of integer>
                ip: <value of string>
```

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```
meta_fields: <value of string>
mgmt_mode: <value in [unreg, fmg, faz, ...]>
mr: <value of integer>
name: <value of string>
os_type: <value in [unknown, fos, fsw, ...]>
os_ver: <value in [unknown, 0.0, 1.0, ...]>
patch: <value of integer>
platform_str: <value of string>
sn: <value of string>
flags:
  - <value in [none, create_task, nonblocking, ...]>
groups:
  -
    name: <value of string>
    vdom: <value of string>
```

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:

21.7 Status

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

21.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvm_cmd_del_device – Delete a device.

New in version 2.10.

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

22.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- */dvm/cmd/del/device*
- */dvm/cmd/del/device*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

22.2 Requirements

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

- ansible>=2.10.0

22.3 Parameters

22.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

22.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVM/CMD/DEL/DEVICE
      fmgr_dvm_cmd_del_device:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        params:
          -
            data:
              adom: <value of string>
              device: <value of string>
              flags:
                - <value in [none, create_task, nonblocking, ...]>
```

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:

22.7 Status

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

22.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

`fmgr_dvm_cmd_discover_device` – Probe a remote device and retrieve its device information and system status.

New in version 2.10.

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

23.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- `/dvm/cmd/discover/device`
- `/dvm/cmd/discover/device`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

23.2 Requirements

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

- ansible>=2.10.0

23.3 Parameters

23.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

23.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVM/CMD/DISCOVER/DEVICE
      fmgr_dvm_cmd_discover_device:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        params:
          -
            data:
              device:
                adm_pass: <value of string>
                adm_usr: <value of string>
                ip: <value of string>
```

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:

23.7 Status

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

23.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

`fmgr_dvm_cmd_update_device` – Refresh the FGFM connection and system information of a device.

New in version 2.10.

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

24.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- `/dvm/cmd/update/device`
- `/dvm/cmd/update/device`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

24.2 Requirements

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

- ansible>=2.10.0

24.3 Parameters

24.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

24.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVM/CMD/UPDATE/DEVICE
      fmgr_dvm_cmd_update_device:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        params:
          -
            data:
              adom: <value of string>
              device: <value of string>
              flags:
                - <value in [none, create_task, nonblocking, ...]>
```

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:

24.7 Status

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

24.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_device – Device table, most attributes are read-only and can only be changed internally.

New in version 2.10.

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

25.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- */dvmdb/adom/{adom}/device*
- */dvmdb/device*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

25.2 Requirements

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

- ansible>=2.10.0

25.3 Parameters

25.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

25.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDB/DEVICE
      fmgr_dvmdb_device:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            expand_member: <value of string>
            fields:
              -
                - <value in [adm_pass, adm_usr, app_ver, ...]>
            filter:
              - <value of string>
            loadsub: <value of integer>
            meta_fields:
```

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```

        - <value of string>
    option: <value in [count, object member, syntax]>
    range:
        - <value of integer>
    sortings:
        -
            varidic.attr_name: <value in [1, -1]>
- name: REQUESTING /DVMDB/DEVICE
  fmgr_dvmdb_device:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set, update]>
    url_params:
        adom: <value in [none, global, custom dom]>
    params:
        -
            data:
                -
                    adm_pass:
                        - <value of string>
                    adm_usr: <value of string>
                    app_ver: <value of string>
                    av_ver: <value of string>
                    beta: <value of integer>
                    branch_pt: <value of integer>
                    build: <value of integer>
                    checksum: <value of string>
                    conf_status: <value in [unknown, insync, outofsync]>
                    conn_mode: <value in [active, passive]>
                    conn_status: <value in [UNKNOWN, up, down]>
                    db_status: <value in [unknown, nomod, mod]>
                    desc: <value of string>
                    dev_status: <value in [none, unknown, checkedin, ...]>
                    fap_cnt: <value of integer>
                    faz.full_act: <value of integer>
                    faz.perm: <value of integer>
                    faz.quota: <value of integer>
                    faz.used: <value of integer>
                    fex_cnt: <value of integer>
                    flags:
                        - <value in [has_hdd, vdom_enabled, discover, ...]>
                    foslic_cpu: <value of integer>
                    foslic_dr_site: <value in [disable, enable]>
                    foslic_inst_time: <value of integer>
                    foslic_last_sync: <value of integer>
                    foslic_ram: <value of integer>
                    foslic_type: <value in [temporary, trial, regular, ...]>
                    foslic_utm:
                        - <value in [fw, av, ips, ...]>
                    fsw_cnt: <value of integer>
                    ha_group_id: <value of integer>
                    ha_group_name: <value of string>
                    ha_mode: <value in [standalone, AP, AA, ...]>
                    hdisk_size: <value of integer>
                    hostname: <value of string>

```

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```

hw_rev_major: <value of integer>
hw_rev_minor: <value of integer>
ip: <value of string>
ips_ext: <value of integer>
ips_ver: <value of string>
last_checked: <value of integer>
last_resync: <value of integer>
latitude: <value of string>
lic_flags: <value of integer>
lic_region: <value of string>
location_from: <value of string>
logdisk_size: <value of integer>
longitude: <value of string>
maxvdom: <value of integer>
meta_fields: <value of string>
mgmt_id: <value of integer>
mgmt_if: <value of string>
mgmt_mode: <value in [unreg, fmg, faz, ...]>
mgt_vdom: <value of string>
mr: <value of integer>
name: <value of string>
os_type: <value in [unknown, fos, fsw, ...]>
os_ver: <value in [unknown, 0.0, 1.0, ...]>
patch: <value of integer>
platform_str: <value of string>
psk: <value of string>
sn: <value of string>
vdom:
-
    comments: <value of string>
    name: <value of string>
    opmode: <value in [nat, transparent]>
    rtm_prof_id: <value of integer>
    status: <value of string>
version: <value of integer>
vm_cpu: <value of integer>
vm_cpu_limit: <value of integer>
vm_lic_expire: <value of integer>
vm_mem: <value of integer>
vm_mem_limit: <value of integer>
vm_status: <value of integer>

```

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:

25.7 Status

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

25.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_device_obj – Device table, most attributes are read-only and can only be changed internally.

New in version 2.10.

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

26.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/dvmdb/adom/{adom}/device/{device}`
- `/dvmdb/device/{device}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

26.2 Requirements

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

- ansible>=2.10.0

26.3 Parameters

26.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

26.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /DVMDb/DEVICE/{DEVICE}
  fmgr_dvmdb_device_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      device: <value of string>
    params:
      -
        option: <value in [object member, checksum]>

- name: REQUESTING /DVMDb/DEVICE/{DEVICE}
  fmgr_dvmdb_device_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
```

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```

method: <value in [set, update]>
url_params:
  adom: <value in [none, global, custom dom]>
  device: <value of string>
params:
  -
    data:
      adm_pass:
        - <value of string>
      adm_usr: <value of string>
      app_ver: <value of string>
      av_ver: <value of string>
      beta: <value of integer>
      branch_pt: <value of integer>
      build: <value of integer>
      checksum: <value of string>
      conf_status: <value in [unknown, insync, outofsync]>
      conn_mode: <value in [active, passive]>
      conn_status: <value in [UNKNOWN, up, down]>
      db_status: <value in [unknown, nomod, mod]>
      desc: <value of string>
      dev_status: <value in [none, unknown, checkedin, ...]>
      fap_cnt: <value of integer>
      faz.full_act: <value of integer>
      faz.perm: <value of integer>
      faz.quota: <value of integer>
      faz.used: <value of integer>
      fex_cnt: <value of integer>
      flags:
        - <value in [has_hdd, vdom_enabled, discover, ...]>
      foslic_cpu: <value of integer>
      foslic_dr_site: <value in [disable, enable]>
      foslic_inst_time: <value of integer>
      foslic_last_sync: <value of integer>
      foslic_ram: <value of integer>
      foslic_type: <value in [temporary, trial, regular, ...]>
      foslic_utm:
        - <value in [fw, av, ips, ...]>
      fsw_cnt: <value of integer>
      ha_group_id: <value of integer>
      ha_group_name: <value of string>
      ha_mode: <value in [standalone, AP, AA, ...]>
      hdisk_size: <value of integer>
      hostname: <value of string>
      hw_rev_major: <value of integer>
      hw_rev_minor: <value of integer>
      ip: <value of string>
      ips_ext: <value of integer>
      ips_ver: <value of string>
      last_checked: <value of integer>
      last_resync: <value of integer>
      latitude: <value of string>
      lic_flags: <value of integer>
      lic_region: <value of string>
      location_from: <value of string>
      logdisk_size: <value of integer>
      longitude: <value of string>

```

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```
maxvdom: <value of integer>
meta_fields: <value of string>
mgmt_id: <value of integer>
mgmt_if: <value of string>
mgmt_mode: <value in [unreg, fmg, faz, ...]>
mgt_vdom: <value of string>
mr: <value of integer>
name: <value of string>
os_type: <value in [unknown, fos, fsw, ...]>
os_ver: <value in [unknown, 0.0, 1.0, ...]>
patch: <value of integer>
platform_str: <value of string>
psk: <value of string>
sn: <value of string>
vdom:
  -
    comments: <value of string>
    name: <value of string>
    opmode: <value in [nat, transparent]>
    rtm_prof_id: <value of integer>
    status: <value of string>
version: <value of integer>
vm_cpu: <value of integer>
vm_cpu_limit: <value of integer>
vm_lic_expire: <value of integer>
vm_mem: <value of integer>
vm_mem_limit: <value of integer>
vm_status: <value of integer>
```

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:

26.7 Status

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

26.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_group – Device group table.

New in version 2.10.

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

27.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */dvmdb/adom/{adom}/group*
- */dvmdb/group*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

27.2 Requirements

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

- ansible>=2.10.0

27.3 Parameters

27.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

27.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDB/GROUP
      fmgr_dvmdb_group:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                desc: <value of string>
                meta_fields: <value of string>
                name: <value of string>
                os_type: <value in [unknown, fos, fsw, ...]>
                type: <value in [normal, default, auto]>
```

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```

- name: REQUESTING /DVMDDB/GROUP
  fmgr_dvmdb_group:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        expand_member: <value of string>
        fields:
          -
            - <value in [desc, name, os_type, ...]>
        filter:
          - <value of string>
        loadsub: <value of integer>
        meta_fields:
          - <value of string>
        option: <value in [count, object member, syntax]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

27.7 Status

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

27.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_group_obj – Device group table.

New in version 2.10.

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

28.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[delete, get, set, update, add]** the following FortiManager json-rpc urls.
- `/dvmdb/adom/{adom}/group/{group}`
- `/dvmdb/group/{group}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

28.2 Requirements

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

- ansible>=2.10.0

28.3 Parameters

28.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

28.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDDB/GROUP/{GROUP}
      fmgr_dvmdb_group_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [delete]>
        url_params:
          adom: <value in [none, global, custom dom]>
          group: <value of string>
        params:
          -
            data:
              -
                name: <value of string>
                vdom: <value of string>

    - name: REQUESTING /DVMDDB/GROUP/{GROUP}
      fmgr_dvmdb_group_obj:
```

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```

    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
        adom: <value in [none, global, custom dom]>
        group: <value of string>
    params:
        -
            option: <value in [object member, chksum]>

- name: REQUESTING /DVMDB/GROUP/{GROUP}
  fmgr_dvmdb_group_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set, update]>
    url_params:
        adom: <value in [none, global, custom dom]>
        group: <value of string>
    params:
        -
            data:
                desc: <value of string>
                meta_fields: <value of string>
                name: <value of string>
                os_type: <value in [unknown, fos, fsw, ...]>
                type: <value in [normal, default, auto]>

- name: REQUESTING /DVMDB/GROUP/{GROUP}
  fmgr_dvmdb_group_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set, update]>
    url_params:
        adom: <value in [none, global, custom dom]>
        group: <value of string>
    params:
        -
            data:
                -
                    name: <value of string>
                    vdom: <value of string>

- name: REQUESTING /DVMDB/GROUP/{GROUP}
  fmgr_dvmdb_group_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [add]>
    url_params:
        adom: <value in [none, global, custom dom]>
        group: <value of string>
    params:
        -
            data:

```

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```
-  
  name: <value of string>  
  vdom: <value of string>
```

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:

28.7 Status

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

28.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_script – Script table.

New in version 2.10.

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

29.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */dvmdb/adom/{adom}/script*
- */dvmdb/global/script*
- */dvmdb/script*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

29.2 Requirements

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

- ansible>=2.10.0

29.3 Parameters

29.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

29.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDB/SCRIPT
      fmgr_dvmdb_script:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                content: <value of string>
                desc: <value of string>
                filter_build: <value of integer>
                filter_device: <value of integer>
                filter_hostname: <value of string>
                filter_ostype: <value in [unknown, fos]>
```

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```

    filter_osver: <value in [unknown, 4.00, 5.00]>
    filter_platform: <value of string>
    filter_serial: <value of string>
    modification_time: <value of string>
    name: <value of string>
    script_schedule:
      -
        datetime: <value of string>
        day_of_week: <value in [unknown, sun, mon, ...]>
        device: <value of integer>
        name: <value of string>
        run_on_db: <value in [disable, enable]>
        type: <value in [auto, onetime, daily, ...]>
    target: <value in [device_database, remote_device, adom_database]>
    type: <value in [cli, tcl, cligrp]>

- name: REQUESTING /DVMDDB/SCRIPT
  fmgr_dvmdb_script:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        expand_member: <value of string>
        fields:
          -
            - <value in [content, desc, filter_build, ...]>
        filter:
          - <value of string>
        loadsub: <value of integer>
        option: <value in [count, object member, syntax]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

29.7 Status

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

29.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_script_execute – Run script.

New in version 2.10.

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

30.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- */dvmdb/adom/{adom}/script/execute*
- */dvmdb/global/script/execute*
- */dvmdb/script/execute*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

30.2 Requirements

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

- ansible>=2.10.0

30.3 Parameters

30.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

30.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDb/SCRIPT/EXECUTE
      fmgr_dvmdb_script_execute:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            workflow:
              adom: <value of string>
              package: <value of string>
              scope:
                -
                  name: <value of string>
                  vdom: <value of string>
                  script: <value of string>
```

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:

30.7 Status

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

30.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_dvmdb_script_obj – Script table.

New in version 2.10.

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

31.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[delete, get, set, update, add]** the following FortiManager json-rpc urls.
- `/dvmdb/adom/{adom}/script/{script}`
- `/dvmdb/global/script/{script}`
- `/dvmdb/script/{script}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

31.2 Requirements

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

- ansible>=2.10.0

31.3 Parameters

31.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

31.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /DVMDDB/SCRIPT/{SCRIPT}
      fmgr_dvmdb_script_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [delete]>
        url_params:
          adom: <value in [none, global, custom dom]>
          script: <value of string>
        params:
          -
            data:
              -
                name: <value of string>
                vdom: <value of string>

    - name: REQUESTING /DVMDDB/SCRIPT/{SCRIPT}
      fmgr_dvmdb_script_obj:
```

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```

    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
        adom: <value in [none, global, custom dom]>
        script: <value of string>
    params:
        -
            option: <value in [object member, chksum]>

- name: REQUESTING /DVMDDB/SCRIPT/{SCRIPT}
  fmgr_dvmdb_script_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set, update]>
    url_params:
        adom: <value in [none, global, custom dom]>
        script: <value of string>
    params:
        -
            data:
                content: <value of string>
                desc: <value of string>
                filter_build: <value of integer>
                filter_device: <value of integer>
                filter_hostname: <value of string>
                filter_ostype: <value in [unknown, fos]>
                filter_osver: <value in [unknown, 4.00, 5.00]>
                filter_platform: <value of string>
                filter_serial: <value of string>
                modification_time: <value of string>
                name: <value of string>
                script_schedule:
                    -
                        datetime: <value of string>
                        day_of_week: <value in [unknown, sun, mon, ...]>
                        device: <value of integer>
                        name: <value of string>
                        run_on_db: <value in [disable, enable]>
                        type: <value in [auto, onetime, daily, ...]>
                target: <value in [device_database, remote_device, adom_database]>
                type: <value in [cli, tcl, cligrp]>

- name: REQUESTING /DVMDDB/SCRIPT/{SCRIPT}
  fmgr_dvmdb_script_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set, update]>
    url_params:
        adom: <value in [none, global, custom dom]>
        script: <value of string>
    params:
        -
            data:

```

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```
-
    name: <value of string>
    vdom: <value of string>

- name: REQUESTING /DVMDb/SCRIPT/{SCRIPT}
  fmgr_dvmdb_script_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [add]>
    url_params:
      adom: <value in [none, global, custom dom]>
      script: <value of string>
    params:
      -
        data:
          -
            name: <value of string>
            vdom: <value of string>
```

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:

31.7 Status

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

31.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_address – Configure IPv4 addresses.

New in version 2.10.

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

32.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/address`
- `/pm/config/global/obj/firewall/address`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

32.2 Requirements

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

- ansible>=2.10.0

32.3 Parameters

32.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

32.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS
      fmgr_firewall_address:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                allow-routing: <value in [disable, enable]>
                associated-interface: <value of string>
                cache-ttl: <value of integer>
                color: <value of integer>
                comment: <value of string>
                country: <value of string>
```

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```

dynamic_mapping:
-
  _scope:
  -
    name: <value of string>
    vdom: <value of string>
    allow-routing: <value in [disable, enable]>
    associated-interface: <value of string>
    cache-ttl: <value of integer>
    color: <value of integer>
    comment: <value of string>
    country: <value of string>
    end-ip: <value of string>
    end-mac: <value of string>
    epg-name: <value of string>
    filter: <value of string>
    fqdn: <value of string>
    interface: <value of string>
    obj-id: <value of string>
    organization: <value of string>
    policy-group: <value of string>
    sdn: <value in [aci, aws, nsx, ...]>
    sdn-addr-type: <value in [private, public, all]>
    sdn-tag: <value of string>
    start-ip: <value of string>
    start-mac: <value of string>
    subnet: <value of string>
    subnet-name: <value of string>
    tags: <value of string>
    tenant: <value of string>
    type: <value in [ipmask, iprange, fqdn, ...]>
    url: <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
    wildcard: <value of string>
    wildcard-fqdn: <value of string>
  end-ip: <value of string>
  epg-name: <value of string>
  filter: <value of string>
  fqdn: <value of string>
  list:
  -
    ip: <value of string>
  name: <value of string>
  obj-id: <value of string>
  organization: <value of string>
  policy-group: <value of string>
  sdn: <value in [aci, aws, nsx, ...]>
  sdn-tag: <value of string>
  start-ip: <value of string>
  subnet: <value of string>
  subnet-name: <value of string>
  tagging:
  -
    category: <value of string>
    name: <value of string>
    tags:

```

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```

        - <value of string>
        tenant: <value of string>
        type: <value in [ipmask, iprange, fqdn, ...]>
        uuid: <value of string>
        visibility: <value in [disable, enable]>
        wildcard: <value of string>
        wildcard-fqdn: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS
  fmgr_firewall_address:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [allow-routing, associated-interface, cache-ttl, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

32.7 Status

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

32.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_address6 – Configure IPv6 firewall addresses.

New in version 2.10.

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

33.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/address6`
- `/pm/config/global/obj/firewall/address6`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

33.2 Requirements

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

- ansible>=2.10.0

33.3 Parameters

33.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

33.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS6
      fmgr_firewall_address6:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                cache-ttl: <value of integer>
                color: <value of integer>
                comment: <value of string>
                dynamic_mapping:
                  -
                    _scope:
```

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```

-
    name: <value of string>
    vdom: <value of string>
    cache-ttl: <value of integer>
    color: <value of integer>
    comment: <value of string>
    end-ip: <value of string>
    fqdn: <value of string>
    host: <value of string>
    host-type: <value in [any, specific]>
    ip6: <value of string>
    obj-id: <value of string>
    sdn: <value in [nsx]>
    start-ip: <value of string>
    tags: <value of string>
    template: <value of string>
    type: <value in [ipprefix, iprange, nsx, ...]>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
end-ip: <value of string>
fqdn: <value of string>
host: <value of string>
host-type: <value in [any, specific]>
ip6: <value of string>
list:
-
    ip: <value of string>
name: <value of string>
obj-id: <value of string>
sdn: <value in [nsx]>
start-ip: <value of string>
subnet-segment:
-
    name: <value of string>
    type: <value in [any, specific]>
    value: <value of string>
tagging:
-
    category: <value of string>
    name: <value of string>
    tags:
    - <value of string>
template: <value of string>
type: <value in [ipprefix, iprange, nsx, ...]>
uuid: <value of string>
visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS6
  fmgr_firewall_address6:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:

```

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```
attr: <value of string>
fields:
  -
    - <value in [cache-ttl, color, comment, ...]>
filter:
  - <value of string>
get_used: <value of integer>
loadsub: <value of integer>
option: <value in [count, object member, datasrc, ...]>
range:
  - <value of integer>
sortings:
  -
    varidic.attr_name: <value in [1, -1]>
```

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:

33.7 Status

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

33.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_address6_obj – Configure IPv6 firewall addresses.

New in version 2.10.

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

34.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/address6/{address6}`
- `/pm/config/global/obj/firewall/address6/{address6}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

34.2 Requirements

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

- ansible>=2.10.0

34.3 Parameters

34.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

34.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS6/{ADDRESS6}
      fmgr_firewall_address6_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          address6: <value of string>
        params:
          -
            data:
              cache-ttl: <value of integer>
              color: <value of integer>
              comment: <value of string>
              dynamic_mapping:
                -
                  _scope:
```

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```

        -
            name: <value of string>
            vdom: <value of string>
            cache-ttl: <value of integer>
            color: <value of integer>
            comment: <value of string>
            end-ip: <value of string>
            fqdn: <value of string>
            host: <value of string>
            host-type: <value in [any, specific]>
            ip6: <value of string>
            obj-id: <value of string>
            sdn: <value in [nsx]>
            start-ip: <value of string>
            tags: <value of string>
            template: <value of string>
            type: <value in [ipprefix, iprange, nsx, ...]>
            uuid: <value of string>
            visibility: <value in [disable, enable]>
        end-ip: <value of string>
        fqdn: <value of string>
        host: <value of string>
        host-type: <value in [any, specific]>
        ip6: <value of string>
        list:
            -
                ip: <value of string>
            name: <value of string>
            obj-id: <value of string>
            sdn: <value in [nsx]>
            start-ip: <value of string>
            subnet-segment:
                -
                    name: <value of string>
                    type: <value in [any, specific]>
                    value: <value of string>
            tagging:
                -
                    category: <value of string>
                    name: <value of string>
                    tags:
                        - <value of string>
            template: <value of string>
            type: <value in [ipprefix, iprange, nsx, ...]>
            uuid: <value of string>
            visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS6/{ADDRESS6}
  fmgr_firewall_address6_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      address6: <value of string>
    params:

```

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```
-  
  option: <value in [object member, chksum, datasrc]>
```

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:

34.7 Status

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

34.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_address_obj – Configure IPv4 addresses.

New in version 2.10.

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

35.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/address/{address}`
- `/pm/config/global/obj/firewall/address/{address}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

35.2 Requirements

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

- ansible>=2.10.0

35.3 Parameters

35.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

35.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS/{ADDRESS}
      fmgr_firewall_address_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          address: <value of string>
        params:
          -
            data:
              allow-routing: <value in [disable, enable]>
              associated-interface: <value of string>
              cache-ttl: <value of integer>
              color: <value of integer>
              comment: <value of string>
              country: <value of string>
```

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```

dynamic_mapping:
-
  _scope:
  -
    name: <value of string>
    vdom: <value of string>
    allow-routing: <value in [disable, enable]>
    associated-interface: <value of string>
    cache-ttl: <value of integer>
    color: <value of integer>
    comment: <value of string>
    country: <value of string>
    end-ip: <value of string>
    end-mac: <value of string>
    epg-name: <value of string>
    filter: <value of string>
    fqdn: <value of string>
    interface: <value of string>
    obj-id: <value of string>
    organization: <value of string>
    policy-group: <value of string>
    sdn: <value in [aci, aws, nsx, ...]>
    sdn-addr-type: <value in [private, public, all]>
    sdn-tag: <value of string>
    start-ip: <value of string>
    start-mac: <value of string>
    subnet: <value of string>
    subnet-name: <value of string>
    tags: <value of string>
    tenant: <value of string>
    type: <value in [ipmask, iprange, fqdn, ...]>
    url: <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
    wildcard: <value of string>
    wildcard-fqdn: <value of string>
    end-ip: <value of string>
    epg-name: <value of string>
    filter: <value of string>
    fqdn: <value of string>
    list:
    -
      ip: <value of string>
    name: <value of string>
    obj-id: <value of string>
    organization: <value of string>
    policy-group: <value of string>
    sdn: <value in [aci, aws, nsx, ...]>
    sdn-tag: <value of string>
    start-ip: <value of string>
    subnet: <value of string>
    subnet-name: <value of string>
    tagging:
    -
      category: <value of string>
      name: <value of string>
      tags:

```

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```
        - <value of string>
    tenant: <value of string>
    type: <value in [ipmask, iprange, fqdn, ...]>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
    wildcard: <value of string>
    wildcard-fqdn: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS/{ADDRESS}
  fmgr_firewall_address_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      address: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>
```

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:

35.7 Status

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

35.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_addrgrp – Configure IPv4 address groups.

New in version 2.10.

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

36.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/addrgrp`
- `/pm/config/global/obj/firewall/addrgrp`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

36.2 Requirements

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

- ansible>=2.10.0

36.3 Parameters

36.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

36.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP
      fmgr_firewall_addrgrp:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                allow-routing: <value in [disable, enable]>
                color: <value of integer>
                comment: <value of string>
                dynamic_mapping:
                  -
                    _scope:
```

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```

-
    name: <value of string>
    vdom: <value of string>
    allow-routing: <value in [disable, enable]>
    color: <value of integer>
    comment: <value of string>
    exclude: <value in [disable, enable]>
    exclude-member: <value of string>
    member: <value of string>
    tags: <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
member: <value of string>
name: <value of string>
tagging:
-
    category: <value of string>
    name: <value of string>
    tags:
    - <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP
  fmgr_firewall_addrgrp:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
    -
      attr: <value of string>
      fields:
      -
        - <value in [allow-routing, color, member, ...]>
      filter:
      - <value of string>
      get_used: <value of integer>
      loadsub: <value of integer>
      option: <value in [count, object member, datasrc, ...]>
      range:
      - <value of integer>
      sortings:
      -
        varidic.attr_name: <value in [1, -1]>

```

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:

36.7 Status

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

36.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_addrgrp6 – Configure IPv6 address groups.

New in version 2.10.

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

37.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/addrgrp6`
- `/pm/config/global/obj/firewall/addrgrp6`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

37.2 Requirements

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

- ansible>=2.10.0

37.3 Parameters

37.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

37.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP6
      fmgr_firewall_addrgrp6:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                color: <value of integer>
                comment: <value of string>
                dynamic_mapping:
                  -
                    _scope:
                      -
```

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```

        name: <value of string>
        vdom: <value of string>
        color: <value of integer>
        comment: <value of string>
        member: <value of string>
        tags: <value of string>
        uuid: <value of string>
        visibility: <value in [disable, enable]>
    member: <value of string>
    name: <value of string>
    tagging:
    -
        category: <value of string>
        name: <value of string>
        tags:
        - <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP6
  fmgr_firewall_addrgrp6:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
    -
      attr: <value of string>
      fields:
      -
        - <value in [color, comment, member, ...]>
      filter:
      - <value of string>
      get_used: <value of integer>
      loadsub: <value of integer>
      option: <value in [count, object member, datasrc, ...]>
      range:
      - <value of integer>
      sortings:
      -
        varidic.attr_name: <value in [1, -1]>

```

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:

37.7 Status

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

37.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_addrgrp6_obj – Configure IPv6 address groups.

New in version 2.10.

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

38.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/addrgrp6/{addrgrp6}`
- `/pm/config/global/obj/firewall/addrgrp6/{addrgrp6}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

38.2 Requirements

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

- ansible>=2.10.0

38.3 Parameters

38.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

38.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP6/{ADDRGRP6}
      fmgr_firewall_addrgrp6_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          addrgrp6: <value of string>
        params:
          -
            data:
              color: <value of integer>
              comment: <value of string>
              dynamic_mapping:
                -
                  _scope:
```

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```

        name: <value of string>
        vdom: <value of string>
        color: <value of integer>
        comment: <value of string>
        member: <value of string>
        tags: <value of string>
        uuid: <value of string>
        visibility: <value in [disable, enable]>
    member: <value of string>
    name: <value of string>
    tagging:
    -
        category: <value of string>
        name: <value of string>
        tags:
        - <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP6/{ADDRGRP6}
  fmgr_firewall_addrgrp6_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      addrgrp6: <value of string>
    params:
    -
      option: <value in [object member, chksum, datasrc]>

```

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:

38.7 Status

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

38.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_addrgrp_obj – Configure IPv4 address groups.

New in version 2.10.

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

39.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/addrgrp/{addrgrp}`
- `/pm/config/global/obj/firewall/addrgrp/{addrgrp}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

39.2 Requirements

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

- ansible>=2.10.0

39.3 Parameters

39.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

39.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP/{ADDRGRP}
      fmgr_firewall_addrgrp_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          addrgrp: <value of string>
        params:
          -
            data:
              allow-routing: <value in [disable, enable]>
              color: <value of integer>
              comment: <value of string>
              dynamic_mapping:
                -
                  _scope:
```

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```

-
    name: <value of string>
    vdom: <value of string>
    allow-routing: <value in [disable, enable]>
    color: <value of integer>
    comment: <value of string>
    exclude: <value in [disable, enable]>
    exclude-member: <value of string>
    member: <value of string>
    tags: <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
member: <value of string>
name: <value of string>
tagging:
-
    category: <value of string>
    name: <value of string>
    tags:
    - <value of string>
    uuid: <value of string>
    visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRGRP/{ADDRGRP}
  fmgr_firewall_addrgrp_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      addrgrp: <value of string>
    params:
    -
      option: <value in [object member, chksum, datasrc]>

```

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:

39.7 Status

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

39.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_ippool – Configure IPv4 IP pools.

New in version 2.10.

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

40.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/ippool`
- `/pm/config/global/obj/firewall/ippool`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

40.2 Requirements

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

- ansible>=2.10.0

40.3 Parameters

40.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

40.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL
      fmgr_firewall_ippool:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                arp-intf: <value of string>
                arp-reply: <value in [disable, enable]>
                associated-interface: <value of string>
                block-size: <value of integer>
                comments: <value of string>
                dynamic_mapping:
```

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```

-
  _scope:
    -
      name: <value of string>
      vdom: <value of string>
      arp-intf: <value of string>
      arp-reply: <value in [disable, enable]>
      associated-interface: <value of string>
      block-size: <value of integer>
      comments: <value of string>
      endip: <value of string>
      num-blocks-per-user: <value of integer>
      pba-timeout: <value of integer>
      permit-any-host: <value in [disable, enable]>
      source-endip: <value of string>
      source-startip: <value of string>
      startip: <value of string>
      type: <value in [overload, one-to-one, fixed-port-range, ...
→]>

      endip: <value of string>
      name: <value of string>
      num-blocks-per-user: <value of integer>
      pba-timeout: <value of integer>
      permit-any-host: <value in [disable, enable]>
      source-endip: <value of string>
      source-startip: <value of string>
      startip: <value of string>
      type: <value in [overload, one-to-one, fixed-port-range, ...]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL
  fmgr_firewall_ippool:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [arp-intf, arp-reply, associated-interface, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

40.7 Status

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

40.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_ippool6 – Configure IPv6 IP pools.

New in version 2.10.

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

41.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/ippool6`
- `/pm/config/global/obj/firewall/ippool6`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

41.2 Requirements

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

- ansible>=2.10.0

41.3 Parameters

41.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

41.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6
      fmgr_firewall_ippool6:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                comments: <value of string>
                dynamic_mapping:
                  -
                    _scope:
                      -
                        name: <value of string>
```

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```

        vdom: <value of string>
        comments: <value of string>
        endip: <value of string>
        startip: <value of string>
        endip: <value of string>
        name: <value of string>
        startip: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6
  fmgr_firewall_ippool6:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [comments, endip, name, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

41.7 Status

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

41.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_ippool6_obj – Configure IPv6 IP pools.

New in version 2.10.

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

42.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/ippool6/{ippool6}`
- `/pm/config/global/obj/firewall/ippool6/{ippool6}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

42.2 Requirements

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

- ansible>=2.10.0

42.3 Parameters

42.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

42.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6/{IPPOOL6}
      fmgr_firewall_ippool6_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          ippool6: <value of string>
        params:
          -
            data:
              comments: <value of string>
              dynamic_mapping:
                -
                  _scope:
                    -
                      name: <value of string>
```

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```

        vdom: <value of string>
        comments: <value of string>
        endip: <value of string>
        startip: <value of string>
        endip: <value of string>
        name: <value of string>
        startip: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6/{IPPOOL6}
  fmgr_firewall_ippool6_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      ippool6: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

42.7 Status

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

42.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_ippool_obj – Configure IPv4 IP pools.

New in version 2.10.

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

43.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/ippool/{ippool}`
- `/pm/config/global/obj/firewall/ippool/{ippool}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

43.2 Requirements

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

- ansible>=2.10.0

43.3 Parameters

43.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

43.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL/{IPPOOL}
      fmgr_firewall_ippool_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          ippool: <value of string>
        params:
          -
            data:
              arp-intf: <value of string>
              arp-reply: <value in [disable, enable]>
              associated-interface: <value of string>
              block-size: <value of integer>
              comments: <value of string>
              dynamic_mapping:
```

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```

-
  _scope:
    -
      name: <value of string>
      vdom: <value of string>
      arp-intf: <value of string>
      arp-reply: <value in [disable, enable]>
      associated-interface: <value of string>
      block-size: <value of integer>
      comments: <value of string>
      endip: <value of string>
      num-blocks-per-user: <value of integer>
      pba-timeout: <value of integer>
      permit-any-host: <value in [disable, enable]>
      source-endip: <value of string>
      source-startip: <value of string>
      startip: <value of string>
      type: <value in [overload, one-to-one, fixed-port-range, ...]>
  endip: <value of string>
  name: <value of string>
  num-blocks-per-user: <value of integer>
  pba-timeout: <value of integer>
  permit-any-host: <value in [disable, enable]>
  source-endip: <value of string>
  source-startip: <value of string>
  startip: <value of string>
  type: <value in [overload, one-to-one, fixed-port-range, ...]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL/{IPPOOL}
  fmgr_firewall_ippool_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      ippool: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

43.7 Status

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

43.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_multicastaddress – Configure multicast addresses.

New in version 2.10.

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

44.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/multicast-address`
- `/pm/config/global/obj/firewall/multicast-address`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

44.2 Requirements

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

- ansible>=2.10.0

44.3 Parameters

44.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

44.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/MULTICAST-ADDRESS
      fmgr_firewall_multicastaddress:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                associated-interface: <value of string>
                color: <value of integer>
                comment: <value of string>
                end-ip: <value of string>
                name: <value of string>
                start-ip: <value of string>
```

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```

        subnet: <value of string>
        tagging:
            -
                category: <value of string>
                name: <value of string>
                tags:
                    - <value of string>
        type: <value in [multicasterange, broadcastmask]>
        visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/MULTICAST-ADDRESS
  fmgr_firewall_multicastaddress:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [associated-interface, color, comment, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

44.7 Status

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

44.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_multicastaddress_obj – Configure multicast addresses.

New in version 2.10.

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

45.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/multicast-address/{multicast-address}`
- `/pm/config/global/obj/firewall/multicast-address/{multicast-address}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

45.2 Requirements

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

- ansible>=2.10.0

45.3 Parameters

45.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

45.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/MULTICAST-ADDRESS/{MULTICAST-ADDRESS}
      fmgr_firewall_multicastaddress_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          multicast-address: <value of string>
        params:
          -
            data:
              associated-interface: <value of string>
              color: <value of integer>
              comment: <value of string>
              end-ip: <value of string>
              name: <value of string>
              start-ip: <value of string>
```

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```

        subnet: <value of string>
        tagging:
            -
                category: <value of string>
                name: <value of string>
                tags:
                    - <value of string>
                type: <value in [multicastrange, broadcastmask]>
                visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/MULTICAST-ADDRESS/{MULTICAST-ADDRESS}
  fmgr_firewall_multicastaddress_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
        adom: <value in [none, global, custom dom]>
        multicast-address: <value of string>
    params:
        -
            option: <value in [object member, chksum, datasrc]>

```

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:

45.7 Status

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

45.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_profilegroup – Configure profile groups.

New in version 2.10.

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

46.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/profile-group`
- `/pm/config/global/obj/firewall/profile-group`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

46.2 Requirements

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

- ansible>=2.10.0

46.3 Parameters

46.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

46.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/PROFILE-GROUP
      fmgr_firewall_profilegroup:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                application-list: <value of string>
                av-profile: <value of string>
                dlp-sensor: <value of string>
                dnsfilter-profile: <value of string>
                icap-profile: <value of string>
                ips-sensor: <value of string>
```

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```

        mms-profile: <value of string>
        name: <value of string>
        profile-protocol-options: <value of string>
        spamfilter-profile: <value of string>
        ssh-filter-profile: <value of string>
        ssl-ssh-profile: <value of string>
        voip-profile: <value of string>
        waf-profile: <value of string>
        webfilter-profile: <value of string>
-   name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/PROFILE-GROUP
    fmgr_firewall_profilegroup:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [get]>
        url_params:
            adom: <value in [none, global, custom dom]>
        params:
            -
                attr: <value of string>
                fields:
                    -
                        - <value in [application-list, av-profile, dlp-sensor, ...]>
                filter:
                    - <value of string>
                get_used: <value of integer>
                loadsub: <value of integer>
                option: <value in [count, object member, datasrc, ...]>
                range:
                    - <value of integer>
                sortings:
                    -
                        varidic.attr_name: <value in [1, -1]>

```

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:

46.7 Status

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

46.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_profilegroup_obj – Configure profile groups.

New in version 2.10.

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

47.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/profile-group/{profile-group}`
- `/pm/config/global/obj/firewall/profile-group/{profile-group}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

47.2 Requirements

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

- ansible>=2.10.0

47.3 Parameters

47.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

47.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/PROFILE-GROUP/{PROFILE-GROUP}
      fmgr_firewall_profilegroup_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile-group: <value of string>
        params:
          -
            data:
              application-list: <value of string>
              av-profile: <value of string>
              dlp-sensor: <value of string>
              dnsfilter-profile: <value of string>
              icap-profile: <value of string>
              ips-sensor: <value of string>
```

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```

    mms-profile: <value of string>
    name: <value of string>
    profile-protocol-options: <value of string>
    spamfilter-profile: <value of string>
    ssh-filter-profile: <value of string>
    ssl-ssh-profile: <value of string>
    voip-profile: <value of string>
    waf-profile: <value of string>
    webfilter-profile: <value of string>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/PROFILE-GROUP/{PROFILE-GROUP}
  fmgr_firewall_profilegroup_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile-group: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

47.7 Status

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

47.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_category – Configure service categories.

New in version 2.10.

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

48.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/service/category`
- `/pm/config/global/obj/firewall/service/category`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

48.2 Requirements

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

- ansible>=2.10.0

48.3 Parameters

48.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

48.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CATEGORY
  fmgr_firewall_service_category:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [add, set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        data:
          -
            comment: <value of string>
            name: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CATEGORY
  fmgr_firewall_service_category:
    loose_validation: False
```

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```

workspace_locking_adom: <value in [global, custom adom]>
workspace_locking_timeout: 300
method: <value in [get]>
url_params:
  adom: <value in [none, global, custom dom]>
params:
  -
    attr: <value of string>
    fields:
      - <value in [comment, name]>
    filter:
      - <value of string>
    get_used: <value of integer>
    loadsub: <value of integer>
    option: <value in [count, object member, datasrc, ...]>
    range:
      - <value of integer>
    sortings:
      -
        varidic.attr_name: <value in [1, -1]>

```

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:

48.7 Status

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

48.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_category_obj – Configure service categories.

New in version 2.10.

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

49.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone**, **delete**, **get**, **move**, **set**, **update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/service/category/{category}`
- `/pm/config/global/obj/firewall/service/category/{category}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

49.2 Requirements

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

- ansible>=2.10.0

49.3 Parameters

49.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

49.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CATEGORY/{CATEGORY}
      fmgr_firewall_service_category_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          category: <value of string>
        params:
          -
            data:
              comment: <value of string>
              name: <value of string>

    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CATEGORY/{CATEGORY}
      fmgr_firewall_service_category_obj:
        loose_validation: False
```

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```

workspace_locking_adom: <value in [global, custom adom]>
workspace_locking_timeout: 300
method: <value in [get]>
url_params:
  adom: <value in [none, global, custom dom]>
  category: <value of string>
params:
  -
    option: <value in [object member, chksum, datasrc]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CATEGORY/{CATEGORY}
  fmgr_firewall_service_category_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [move]>
    url_params:
      adom: <value in [none, global, custom dom]>
      category: <value of string>
    params:
      -
        option: <value in [before, after]>
        target: <value of string>

```

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:

49.7 Status

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

49.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_custom – Configure custom services.

New in version 2.10.

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

50.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/service/custom`
- `/pm/config/global/obj/firewall/service/custom`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

50.2 Requirements

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

- ansible>=2.10.0

50.3 Parameters

50.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

50.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CUSTOM
      fmgr_firewall_service_custom:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                app-category:
                  - <value of integer>
                app-service-type: <value in [disable, app-id, app-category]>
                application:
                  - <value of integer>
                category: <value of string>
```

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```

    check-reset-range: <value in [disable, default, strict]>
    color: <value of integer>
    comment: <value of string>
    fqdn: <value of string>
    helper: <value in [disable, auto, ftp, ...]>
    icmpcode: <value of integer>
    icmptype: <value of integer>
    iprange: <value of string>
    name: <value of string>
    protocol: <value in [ICMP, IP, TCP/UDP/SCTP, ...]>
    protocol-number: <value of integer>
    proxy: <value in [disable, enable]>
    sctp-portrange: <value of string>
    session-ttl: <value of integer>
    tcp-halfclose-timer: <value of integer>
    tcp-halfopen-timer: <value of integer>
    tcp-portrange: <value of string>
    tcp-timewait-timer: <value of integer>
    udp-idle-timer: <value of integer>
    udp-portrange: <value of string>
    visibility: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CUSTOM
  fmgr_firewall_service_custom:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [app-category, app-service-type, application, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

50.7 Status

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

50.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_custom_obj – Configure custom services.

New in version 2.10.

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

51.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, move, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/service/custom/{custom}`
- `/pm/config/global/obj/firewall/service/custom/{custom}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

51.2 Requirements

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

- ansible>=2.10.0

51.3 Parameters

51.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

51.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CUSTOM/{CUSTOM}
      fmgr_firewall_service_custom_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          custom: <value of string>
        params:
          -
            data:
              app-category:
                - <value of integer>
              app-service-type: <value in [disable, app-id, app-category]>
              application:
                - <value of integer>
              category: <value of string>
```

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```

    check-reset-range: <value in [disable, default, strict]>
    color: <value of integer>
    comment: <value of string>
    fqdn: <value of string>
    helper: <value in [disable, auto, ftp, ...]>
    icmpcode: <value of integer>
    icmptype: <value of integer>
    iprange: <value of string>
    name: <value of string>
    protocol: <value in [ICMP, IP, TCP/UDP/SCTP, ...]>
    protocol-number: <value of integer>
    proxy: <value in [disable, enable]>
    sctp-portrange: <value of string>
    session-ttl: <value of integer>
    tcp-halfclose-timer: <value of integer>
    tcp-halfopen-timer: <value of integer>
    tcp-portrange: <value of string>
    tcp-timewait-timer: <value of integer>
    udp-idle-timer: <value of integer>
    udp-portrange: <value of string>
    visibility: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CUSTOM/{CUSTOM}
  fmgr_firewall_service_custom_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      custom: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/CUSTOM/{CUSTOM}
  fmgr_firewall_service_custom_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [move]>
    url_params:
      adom: <value in [none, global, custom dom]>
      custom: <value of string>
    params:
      -
        option: <value in [before, after]>
        target: <value of string>

```

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:

51.7 Status

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

51.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_group – Configure service groups.

New in version 2.10.

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

52.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */pm/config/adom/{adom}/obj/firewall/service/group*
- */pm/config/global/obj/firewall/service/group*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

52.2 Requirements

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

- ansible>=2.10.0

52.3 Parameters

52.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

52.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP
      fmgr_firewall_service_group:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                color: <value of integer>
                comment: <value of string>
                member: <value of string>
                name: <value of string>
                proxy: <value in [disable, enable]>
```

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```

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP
  fmgr_firewall_service_group:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          - <value in [color, member, name, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

52.7 Status

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

52.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_service_group_obj – Configure service groups.

New in version 2.10.

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

53.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/service/group/{group}`
- `/pm/config/global/obj/firewall/service/group/{group}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

53.2 Requirements

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

- ansible>=2.10.0

53.3 Parameters

53.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

53.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP/{GROUP}
      fmgr_firewall_service_group_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          group: <value of string>
        params:
          -
            data:
              color: <value of integer>
              comment: <value of string>
              member: <value of string>
              name: <value of string>
              proxy: <value in [disable, enable]>
```

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```

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP/{GROUP}
  fmgr_firewall_service_group_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      group: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

53.7 Status

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

53.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_sslsshprofile – Configure SSL/SSH protocol options.

New in version 2.10.

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

54.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */pm/config/adom/{adom}/obj/firewall/ssl-ssh-profile*
- */pm/config/global/obj/firewall/ssl-ssh-profile*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

54.2 Requirements

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

- ansible>=2.10.0

54.3 Parameters

54.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

54.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SSL-SSH-PROFILE
      fmgr_firewall_sslsshprofile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                caname: <value of string>
                comment: <value of string>
                mapi-over-https: <value in [disable, enable]>
                name: <value of string>
                rpc-over-https: <value in [disable, enable]>
                server-cert: <value of string>
```

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```

server-cert-mode: <value in [re-sign, replace]>
ssl-anomalies-log: <value in [disable, enable]>
ssl-exempt:
-
    address: <value of string>
    address6: <value of string>
    fortiguard-category: <value of string>
    id: <value of integer>
    regex: <value of string>
    type: <value in [fortiguard-category, address, address6, ...
->]>

    wildcard-fqdn: <value of string>
ssl-exemptions-log: <value in [disable, enable]>
ssl-server:
-
    ftps-client-cert-request: <value in [bypass, inspect,
->block]>

    https-client-cert-request: <value in [bypass, inspect,
->block]>

    id: <value of integer>
    imaps-client-cert-request: <value in [bypass, inspect,
->block]>

    ip: <value of string>
    pop3s-client-cert-request: <value in [bypass, inspect,
->block]>

    smtps-client-cert-request: <value in [bypass, inspect,
->block]>

    ssl-other-client-cert-request: <value in [bypass, inspect,
->block]>

    untrusted-caname: <value of string>
    use-ssl-server: <value in [disable, enable]>
    whitelist: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SSL-SSH-PROFILE
  fmgr_firewall_sslsshprofile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [caname, comment, mapi-over-https, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

54.7 Status

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

54.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_sslsshprofile_obj – Configure SSL/SSH protocol options.

New in version 2.10.

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

55.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/ssl-ssh-profile/{ssl-ssh-profile}`
- `/pm/config/global/obj/firewall/ssl-ssh-profile/{ssl-ssh-profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

55.2 Requirements

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

- ansible>=2.10.0

55.3 Parameters

55.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

55.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SSL-SSH-PROFILE/{SSL-SSH-PROFILE}
      fmgr_firewall_sslsshprofile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          ssl-ssh-profile: <value of string>
        params:
          -
            data:
              caname: <value of string>
              comment: <value of string>
              mapi-over-https: <value in [disable, enable]>
              name: <value of string>
              rpc-over-https: <value in [disable, enable]>
              server-cert: <value of string>
```

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```

server-cert-mode: <value in [re-sign, replace]>
ssl-anomalies-log: <value in [disable, enable]>
ssl-exempt:
-
    address: <value of string>
    address6: <value of string>
    fortiguard-category: <value of string>
    id: <value of integer>
    regex: <value of string>
    type: <value in [fortiguard-category, address, address6, ...]>
    wildcard-fqdn: <value of string>
ssl-exemptions-log: <value in [disable, enable]>
ssl-server:
-
    ftps-client-cert-request: <value in [bypass, inspect, block]>
    https-client-cert-request: <value in [bypass, inspect, block]>
    id: <value of integer>
    imaps-client-cert-request: <value in [bypass, inspect, block]>
    ip: <value of string>
    pop3s-client-cert-request: <value in [bypass, inspect, block]>
    smtps-client-cert-request: <value in [bypass, inspect, block]>
    ssl-other-client-cert-request: <value in [bypass, inspect,
↪block]>

untrusted-caname: <value of string>
use-ssl-server: <value in [disable, enable]>
whitelist: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SSL-SSH-PROFILE/{SSL-SSH-PROFILE}
  fmgr_firewall_sslsshprofile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      ssl-ssh-profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

55.7 Status

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

55.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_vip – Configure virtual IP for IPv4.

New in version 2.10.

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

56.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/vip`
- `/pm/config/global/obj/firewall/vip`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

56.2 Requirements

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

- ansible>=2.10.0

56.3 Parameters

56.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

56.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/VIP
      fmgr_firewall_vip:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                arp-reply: <value in [disable, enable]>
                color: <value of integer>
                comment: <value of string>
                dns-mapping-ttl: <value of integer>
                dynamic_mapping:
```

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```

_scope:
-
    name: <value of string>
    vdom: <value of string>
    arp-reply: <value in [disable, enable]>
    color: <value of integer>
    comment: <value of string>
    dns-mapping-ttl: <value of integer>
    extaddr: <value of string>
    extintf: <value of string>
    extip: <value of string>
    extport: <value of string>
    gratuitous-arp-interval: <value of integer>
    http-cookie-age: <value of integer>
    http-cookie-domain: <value of string>
    http-cookie-domain-from-host: <value in [disable, enable]>
    http-cookie-generation: <value of integer>
    http-cookie-path: <value of string>
    http-cookie-share: <value in [disable, same-ip]>
    http-ip-header: <value in [disable, enable]>
    http-ip-header-name: <value of string>
    http-multiplex: <value in [disable, enable]>
    https-cookie-secure: <value in [disable, enable]>
    id: <value of integer>
    ldb-method: <value in [static, round-robin, weighted, ...]>
    mapped-addr: <value of string>
    mappedip:
    - <value of string>
    mappedport: <value of string>
    max-embryonic-connections: <value of integer>
    monitor:
    - <value of string>
    nat-source-vip: <value in [disable, enable]>
    outlook-web-access: <value in [disable, enable]>
    persistence: <value in [none, http-cookie, ssl-session-id]>
    portforward: <value in [disable, enable]>
    portmapping-type: <value in [1-to-1, m-to-n]>
    protocol: <value in [tcp, udp, sctp, ...]>
    realservers:
    -
        client-ip:
        - <value of string>
        healthcheck: <value in [disable, enable, vip]>
        holddown-interval: <value of integer>
        http-host: <value of string>
        ip: <value of string>
        max-connections: <value of integer>
        monitor: <value of string>
        port: <value of integer>
        seq: <value of integer>
        status: <value in [active, standby, disable]>
        weight: <value of integer>
        server-type: <value in [http, https, ssl, ...]>
        service: <value of string>
        src-filter:
        - <value of string>
        srcintf-filter:

```

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```

        - <value of string>
        ssl-algorithm: <value in [high, medium, low, ...]>
        ssl-certificate: <value of string>
        ssl-cipher-suites:
        -
            cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-
↪WITH-RC4-128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
            id: <value of integer>
            versions:
            - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-client-fallback: <value in [disable, enable]>
        ssl-client-renegotiation: <value in [deny, allow, secure]>
        ssl-client-session-state-max: <value of integer>
        ssl-client-session-state-timeout: <value of integer>
        ssl-client-session-state-type: <value in [disable, time,
↪count, ...]>

        ssl-dh-bits: <value in [768, 1024, 1536, ...]>
        ssl-hpkip: <value in [disable, enable, report-only]>
        ssl-hpkip-age: <value of integer>
        ssl-hpkip-backup: <value of string>
        ssl-hpkip-include-subdomains: <value in [disable, enable]>
        ssl-hpkip-primary: <value of string>
        ssl-hpkip-report-uri: <value of string>
        ssl-hsts: <value in [disable, enable]>
        ssl-hsts-age: <value of integer>
        ssl-hsts-include-subdomains: <value in [disable, enable]>
        ssl-http-location-conversion: <value in [disable, enable]>
        ssl-http-match-host: <value in [disable, enable]>
        ssl-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-mode: <value in [half, full]>
        ssl-pfs: <value in [require, deny, allow]>
        ssl-send-empty-frags: <value in [disable, enable]>
        ssl-server-algorithm: <value in [high, low, medium, ...]>
        ssl-server-max-version: <value in [ssl-3.0, tls-1.0, tls-1.
↪1, ...]>

        ssl-server-min-version: <value in [ssl-3.0, tls-1.0, tls-1.
↪1, ...]>

        ssl-server-session-state-max: <value of integer>
        ssl-server-session-state-timeout: <value of integer>
        ssl-server-session-state-type: <value in [disable, time,
↪count, ...]>

        type: <value in [static-nat, load-balance, server-load-
↪balance, ...]>

        uuid: <value of string>
        weblogic-server: <value in [disable, enable]>
        websphere-server: <value in [disable, enable]>
        extaddr: <value of string>
        extintf: <value of string>
        extip: <value of string>
        extport: <value of string>
        gratuitous-arp-interval: <value of integer>
        http-cookie-age: <value of integer>
        http-cookie-domain: <value of string>
        http-cookie-domain-from-host: <value in [disable, enable]>
        http-cookie-generation: <value of integer>
        http-cookie-path: <value of string>

```

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```

http-cookie-share: <value in [disable, same-ip]>
http-ip-header: <value in [disable, enable]>
http-ip-header-name: <value of string>
http-multiplex: <value in [disable, enable]>
https-cookie-secure: <value in [disable, enable]>
id: <value of integer>
ldb-method: <value in [static, round-robin, weighted, ...]>
mapped-addr: <value of string>
mappedip:
  - <value of string>
mappedport: <value of string>
max-embryonic-connections: <value of integer>
monitor: <value of string>
name: <value of string>
nat-source-vip: <value in [disable, enable]>
outlook-web-access: <value in [disable, enable]>
persistence: <value in [none, http-cookie, ssl-session-id]>
portforward: <value in [disable, enable]>
portmapping-type: <value in [1-to-1, m-to-n]>
protocol: <value in [tcp, udp, sctp, ...]>
realserver:
  -
    client-ip:
      - <value of string>
    healthcheck: <value in [disable, enable, vip]>
    holddown-interval: <value of integer>
    http-host: <value of string>
    ip: <value of string>
    max-connections: <value of integer>
    monitor: <value of string>
    port: <value of integer>
    seq: <value of integer>
    status: <value in [active, standby, disable]>
    weight: <value of integer>
    server-type: <value in [http, https, ssl, ...]>
    service: <value of string>
    src-filter:
      - <value of string>
    srcintf-filter: <value of string>
    ssl-algorithm: <value in [high, medium, low, ...]>
    ssl-certificate: <value of string>
    ssl-cipher-suites:
      -
        cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-WITH-
↪RC4-128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
        id: <value of integer>
        versions:
          - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-client-fallback: <value in [disable, enable]>
        ssl-client-renegotiation: <value in [deny, allow, secure]>
        ssl-client-session-state-max: <value of integer>
        ssl-client-session-state-timeout: <value of integer>
        ssl-client-session-state-type: <value in [disable, time, count, ..
↪.]>
        ssl-dh-bits: <value in [768, 1024, 1536, ...]>
        ssl-hpkip: <value in [disable, enable, report-only]>
        ssl-hpkip-age: <value of integer>

```

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```

        ssl-hpkp-backup: <value of string>
        ssl-hpkp-include-subdomains: <value in [disable, enable]>
        ssl-hpkp-primary: <value of string>
        ssl-hpkp-report-uri: <value of string>
        ssl-hsts: <value in [disable, enable]>
        ssl-hsts-age: <value of integer>
        ssl-hsts-include-subdomains: <value in [disable, enable]>
        ssl-http-location-conversion: <value in [disable, enable]>
        ssl-http-match-host: <value in [disable, enable]>
        ssl-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-mode: <value in [half, full]>
        ssl-pfs: <value in [require, deny, allow]>
        ssl-send-empty-frags: <value in [disable, enable]>
        ssl-server-algorithm: <value in [high, low, medium, ...]>
        ssl-server-cipher-suites:
            -
                cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-WITH-
↪RC4-128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
                priority: <value of integer>
                versions:
                    - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-server-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...
↪]>
        ssl-server-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...
↪]>
        ssl-server-session-state-max: <value of integer>
        ssl-server-session-state-timeout: <value of integer>
        ssl-server-session-state-type: <value in [disable, time, count, ..
↪.>]>
        type: <value in [static-nat, load-balance, server-load-balance, ..
↪.>]>
        uuid: <value of string>
        weblogic-server: <value in [disable, enable]>
        websphere-server: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/VIP
  fmgr_firewall_vip:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [arp-reply, color, comment, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>

```

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```
sortings:
-
  varidic.attr_name: <value in [1, -1]>
```

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:

56.7 Status

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

56.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_firewall_vip_obj – Configure virtual IP for IPv4.

New in version 2.10.

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

57.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, move, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/firewall/vip/{vip}`
- `/pm/config/global/obj/firewall/vip/{vip}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

57.2 Requirements

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

- ansible>=2.10.0

57.3 Parameters

57.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

57.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/VIP/{VIP}
      fmgr_firewall_vip_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          vip: <value of string>
        params:
          -
            data:
              arp-reply: <value in [disable, enable]>
              color: <value of integer>
              comment: <value of string>
              dns-mapping-ttl: <value of integer>
              dynamic_mapping:
```

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```

    _scope:
    -
        name: <value of string>
        vdom: <value of string>
    arp-reply: <value in [disable, enable]>
    color: <value of integer>
    comment: <value of string>
    dns-mapping-ttl: <value of integer>
    extaddr: <value of string>
    extintf: <value of string>
    extip: <value of string>
    extport: <value of string>
    gratuitous-arp-interval: <value of integer>
    http-cookie-age: <value of integer>
    http-cookie-domain: <value of string>
    http-cookie-domain-from-host: <value in [disable, enable]>
    http-cookie-generation: <value of integer>
    http-cookie-path: <value of string>
    http-cookie-share: <value in [disable, same-ip]>
    http-ip-header: <value in [disable, enable]>
    http-ip-header-name: <value of string>
    http-multiplex: <value in [disable, enable]>
    https-cookie-secure: <value in [disable, enable]>
    id: <value of integer>
    ldb-method: <value in [static, round-robin, weighted, ...]>
    mapped-addr: <value of string>
    mappedip:
    - <value of string>
    mappedport: <value of string>
    max-embryonic-connections: <value of integer>
    monitor:
    - <value of string>
    nat-source-vip: <value in [disable, enable]>
    outlook-web-access: <value in [disable, enable]>
    persistence: <value in [none, http-cookie, ssl-session-id]>
    portforward: <value in [disable, enable]>
    portmapping-type: <value in [1-to-1, m-to-n]>
    protocol: <value in [tcp, udp, sctp, ...]>
    realservers:
    -
        client-ip:
        - <value of string>
        healthcheck: <value in [disable, enable, vip]>
        holddown-interval: <value of integer>
        http-host: <value of string>
        ip: <value of string>
        max-connections: <value of integer>
        monitor: <value of string>
        port: <value of integer>
        seq: <value of integer>
        status: <value in [active, standby, disable]>
        weight: <value of integer>
    server-type: <value in [http, https, ssl, ...]>
    service: <value of string>
    src-filter:
    - <value of string>
    srcintf-filter:

```

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```

    - <value of string>
    ssl-algorithm: <value in [high, medium, low, ...]>
    ssl-certificate: <value of string>
    ssl-cipher-suites:
    -
        cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-
↪ WITH-RC4-128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
        id: <value of integer>
        versions:
        - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-client-fallback: <value in [disable, enable]>
    ssl-client-renegotiation: <value in [deny, allow, secure]>
    ssl-client-session-state-max: <value of integer>
    ssl-client-session-state-timeout: <value of integer>
    ssl-client-session-state-type: <value in [disable, time, count,
↪ ...]>

    ssl-dh-bits: <value in [768, 1024, 1536, ...]>
    ssl-hpkip: <value in [disable, enable, report-only]>
    ssl-hpkip-age: <value of integer>
    ssl-hpkip-backup: <value of string>
    ssl-hpkip-include-subdomains: <value in [disable, enable]>
    ssl-hpkip-primary: <value of string>
    ssl-hpkip-report-uri: <value of string>
    ssl-hsts: <value in [disable, enable]>
    ssl-hsts-age: <value of integer>
    ssl-hsts-include-subdomains: <value in [disable, enable]>
    ssl-http-location-conversion: <value in [disable, enable]>
    ssl-http-match-host: <value in [disable, enable]>
    ssl-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-mode: <value in [half, full]>
    ssl-pfs: <value in [require, deny, allow]>
    ssl-send-empty-frags: <value in [disable, enable]>
    ssl-server-algorithm: <value in [high, low, medium, ...]>
    ssl-server-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, .
↪ ...]>

    ssl-server-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, .
↪ ...]>

    ssl-server-session-state-max: <value of integer>
    ssl-server-session-state-timeout: <value of integer>
    ssl-server-session-state-type: <value in [disable, time, count,
↪ ...]>

    type: <value in [static-nat, load-balance, server-load-balance,
↪ ...]>

    uuid: <value of string>
    weblogic-server: <value in [disable, enable]>
    websphere-server: <value in [disable, enable]>
    extaddr: <value of string>
    extintf: <value of string>
    extip: <value of string>
    extport: <value of string>
    gratuitous-arp-interval: <value of integer>
    http-cookie-age: <value of integer>
    http-cookie-domain: <value of string>
    http-cookie-domain-from-host: <value in [disable, enable]>
    http-cookie-generation: <value of integer>
    http-cookie-path: <value of string>

```

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```

http-cookie-share: <value in [disable, same-ip]>
http-ip-header: <value in [disable, enable]>
http-ip-header-name: <value of string>
http-multiplex: <value in [disable, enable]>
https-cookie-secure: <value in [disable, enable]>
id: <value of integer>
ldb-method: <value in [static, round-robin, weighted, ...]>
mapped-addr: <value of string>
mappedip:
  - <value of string>
mappedport: <value of string>
max-embryonic-connections: <value of integer>
monitor: <value of string>
name: <value of string>
nat-source-vip: <value in [disable, enable]>
outlook-web-access: <value in [disable, enable]>
persistence: <value in [none, http-cookie, ssl-session-id]>
portforward: <value in [disable, enable]>
portmapping-type: <value in [1-to-1, m-to-n]>
protocol: <value in [tcp, udp, sctp, ...]>
realserver:
  -
    client-ip:
      - <value of string>
    healthcheck: <value in [disable, enable, vip]>
    holddown-interval: <value of integer>
    http-host: <value of string>
    ip: <value of string>
    max-connections: <value of integer>
    monitor: <value of string>
    port: <value of integer>
    seq: <value of integer>
    status: <value in [active, standby, disable]>
    weight: <value of integer>
    server-type: <value in [http, https, ssl, ...]>
    service: <value of string>
    src-filter:
      - <value of string>
    srcintf-filter: <value of string>
    ssl-algorithm: <value in [high, medium, low, ...]>
    ssl-certificate: <value of string>
    ssl-cipher-suites:
      -
        cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-WITH-RC4-
↪128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
        id: <value of integer>
        versions:
          - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
        ssl-client-fallback: <value in [disable, enable]>
        ssl-client-renegotiation: <value in [deny, allow, secure]>
        ssl-client-session-state-max: <value of integer>
        ssl-client-session-state-timeout: <value of integer>
        ssl-client-session-state-type: <value in [disable, time, count, ...]>
        ssl-dh-bits: <value in [768, 1024, 1536, ...]>
        ssl-hpkip: <value in [disable, enable, report-only]>
        ssl-hpkip-age: <value of integer>
        ssl-hpkip-backup: <value of string>

```

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```

    ssl-hpkip-include-subdomains: <value in [disable, enable]>
    ssl-hpkip-primary: <value of string>
    ssl-hpkip-report-uri: <value of string>
    ssl-hsts: <value in [disable, enable]>
    ssl-hsts-age: <value of integer>
    ssl-hsts-include-subdomains: <value in [disable, enable]>
    ssl-http-location-conversion: <value in [disable, enable]>
    ssl-http-match-host: <value in [disable, enable]>
    ssl-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-mode: <value in [half, full]>
    ssl-pfs: <value in [require, deny, allow]>
    ssl-send-empty-frags: <value in [disable, enable]>
    ssl-server-algorithm: <value in [high, low, medium, ...]>
    ssl-server-cipher-suites:
    -
        cipher: <value in [TLS-RSA-WITH-RC4-128-MD5, TLS-RSA-WITH-RC4-
↪128-SHA, TLS-RSA-WITH-DES-CBC-SHA, ...]>
        priority: <value of integer>
        versions:
        - <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-server-max-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-server-min-version: <value in [ssl-3.0, tls-1.0, tls-1.1, ...]>
    ssl-server-session-state-max: <value of integer>
    ssl-server-session-state-timeout: <value of integer>
    ssl-server-session-state-type: <value in [disable, time, count, ...]>
    type: <value in [static-nat, load-balance, server-load-balance, ...]>
    uuid: <value of string>
    weblogic-server: <value in [disable, enable]>
    websphere-server: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/VIP/{VIP}
  fmgr_firewall_vip_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      vip: <value of string>
    params:
    -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/VIP/{VIP}
  fmgr_firewall_vip_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [move]>
    url_params:
      adom: <value in [none, global, custom dom]>
      vip: <value of string>
    params:
    -
        option: <value in [before, after]>
        target: <value of string>

```


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:

57.7 Status

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

57.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_ips_sensor – Configure IPS sensor.

New in version 2.10.

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

58.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */pm/config/adom/{adom}/obj/ips/sensor*
- */pm/config/global/obj/ips/sensor*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

58.2 Requirements

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

- ansible>=2.10.0

58.3 Parameters

58.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

58.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/IPS/SENSOR
      fmgr_ips_sensor:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                block-malicious-url: <value in [disable, enable]>
                comment: <value of string>
                entries:
                  -
                    action: <value in [pass, block, reset, ...]>
                    application:
```

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```

    - <value of string>
  exempt-ip:
    -
      dst-ip: <value of string>
      id: <value of integer>
      src-ip: <value of string>
  id: <value of integer>
  location:
    - <value of string>
  log: <value in [disable, enable]>
  log-attack-context: <value in [disable, enable]>
  log-packet: <value in [disable, enable]>
  os:
    - <value of string>
  protocol:
    - <value of string>
  quarantine: <value in [none, attacker, both, ...]>
  quarantine-expiry: <value of string>
  quarantine-log: <value in [disable, enable]>
  rate-count: <value of integer>
  rate-duration: <value of integer>
  rate-mode: <value in [periodical, continuous]>
  rate-track: <value in [none, src-ip, dest-ip, ...]>
  rule: <value of string>
  severity:
    - <value of string>
  status: <value in [disable, enable, default]>
  extended-log: <value in [disable, enable]>
  filter:
    -
      action: <value in [pass, block, default, ...]>
      application:
        - <value of string>
      location:
        - <value of string>
      log: <value in [disable, enable, default]>
      log-packet: <value in [disable, enable, default]>
      name: <value of string>
      os:
        - <value of string>
      protocol:
        - <value of string>
      quarantine: <value in [none, attacker, both, ...]>
      quarantine-expiry: <value of integer>
      quarantine-log: <value in [disable, enable]>
      severity:
        - <value of string>
      status: <value in [disable, enable, default]>
  name: <value of string>
  override:
    -
      action: <value in [pass, block, reset]>
      exempt-ip:
        -
          dst-ip: <value of string>
          id: <value of integer>
          src-ip: <value of string>

```

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```

        log: <value in [disable, enable]>
        log-packet: <value in [disable, enable]>
        quarantine: <value in [none, attacker, both, ...]>
        quarantine-expiry: <value of integer>
        quarantine-log: <value in [disable, enable]>
        rule-id: <value of integer>
        status: <value in [disable, enable]>
        replacemsg-group: <value of string>
- name: REQUESTING /PM/CONFIG/OBJ/IPS/SENSOR
  fmgr_ips_sensor:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [block-malicious-url, comment, extended-log, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

58.7 Status

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

58.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_ips_sensor_obj – Configure IPS sensor.

New in version 2.10.

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

59.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/ips/sensor/{sensor}`
- `/pm/config/global/obj/ips/sensor/{sensor}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

59.2 Requirements

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

- ansible>=2.10.0

59.3 Parameters

59.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

59.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/IPS/SENSOR/{SENSOR}
      fmgr_ips_sensor_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          sensor: <value of string>
        params:
          -
            data:
              block-malicious-url: <value in [disable, enable]>
              comment: <value of string>
              entries:
                -
                  action: <value in [pass, block, reset, ...]>
                  application:
```

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```

    - <value of string>
    exempt-ip:
    -
        dst-ip: <value of string>
        id: <value of integer>
        src-ip: <value of string>
    id: <value of integer>
    location:
    - <value of string>
    log: <value in [disable, enable]>
    log-attack-context: <value in [disable, enable]>
    log-packet: <value in [disable, enable]>
    os:
    - <value of string>
    protocol:
    - <value of string>
    quarantine: <value in [none, attacker, both, ...]>
    quarantine-expiry: <value of string>
    quarantine-log: <value in [disable, enable]>
    rate-count: <value of integer>
    rate-duration: <value of integer>
    rate-mode: <value in [periodical, continuous]>
    rate-track: <value in [none, src-ip, dest-ip, ...]>
    rule: <value of string>
    severity:
    - <value of string>
    status: <value in [disable, enable, default]>
    extended-log: <value in [disable, enable]>
    filter:
    -
        action: <value in [pass, block, default, ...]>
        application:
        - <value of string>
        location:
        - <value of string>
        log: <value in [disable, enable, default]>
        log-packet: <value in [disable, enable, default]>
        name: <value of string>
        os:
        - <value of string>
        protocol:
        - <value of string>
        quarantine: <value in [none, attacker, both, ...]>
        quarantine-expiry: <value of integer>
        quarantine-log: <value in [disable, enable]>
        severity:
        - <value of string>
        status: <value in [disable, enable, default]>
    name: <value of string>
    override:
    -
        action: <value in [pass, block, reset]>
        exempt-ip:
        -
            dst-ip: <value of string>
            id: <value of integer>
            src-ip: <value of string>

```

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```
    log: <value in [disable, enable]>
    log-packet: <value in [disable, enable]>
    quarantine: <value in [none, attacker, both, ...]>
    quarantine-expiry: <value of integer>
    quarantine-log: <value in [disable, enable]>
    rule-id: <value of integer>
    status: <value in [disable, enable]>
    replacemsg-group: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/IPS/SENSOR/{SENSOR}
  fmgr_ips_sensor_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      sensor: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>
```

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:

59.7 Status

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

59.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_pkg_firewall_policy – Configure IPv4 policies.

New in version 2.10.

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

60.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/pkg/{pkg}/firewall/policy`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

60.2 Requirements

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

- ansible>=2.10.0

60.3 Parameters

60.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

60.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY
    fmgr_pkg_firewall_policy:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        pkg: <value of string>
      params:
        -
          data:
            -
              action: <value in [deny, accept, ipsec, ...]>
              app-category: <value of string>
              application:
                - <value of integer>
              application-list: <value of string>
              auth-cert: <value of string>
              auth-path: <value in [disable, enable]>
              auth-redirect-addr: <value of string>
              auto-asic-offload: <value in [disable, enable]>
              av-profile: <value of string>
```

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```

block-notification: <value in [disable, enable]>
captive-portal-exempt: <value in [disable, enable]>
capture-packet: <value in [disable, enable]>
comments: <value of string>
custom-log-fields: <value of string>
delay-tcp-npu-session: <value in [disable, enable]>
devices: <value of string>
diffserv-forward: <value in [disable, enable]>
diffserv-reverse: <value in [disable, enable]>
diffservcode-forward: <value of string>
diffservcode-rev: <value of string>
disclaimer: <value in [disable, enable]>
dlp-sensor: <value of string>
dnsfilter-profile: <value of string>
dscp-match: <value in [disable, enable]>
dscp-negate: <value in [disable, enable]>
dscp-value: <value of string>
dsri: <value in [disable, enable]>
dstaddr: <value of string>
dstaddr-negate: <value in [disable, enable]>
dstintf: <value of string>
firewall-session-dirty: <value in [check-all, check-new]>
fixedport: <value in [disable, enable]>
fsso: <value in [disable, enable]>
fsso-agent-for-ntlm: <value of string>
global-label: <value of string>
groups: <value of string>
gtp-profile: <value of string>
icap-profile: <value of string>
identity-based-route: <value of string>
inbound: <value in [disable, enable]>
internet-service: <value in [disable, enable]>
internet-service-custom: <value of string>
internet-service-id: <value of string>
internet-service-negate: <value in [disable, enable]>
ippool: <value in [disable, enable]>
ips-sensor: <value of string>
label: <value of string>
learning-mode: <value in [disable, enable]>
logtraffic: <value in [disable, enable, all, ...]>
logtraffic-start: <value in [disable, enable]>
match-vip: <value in [disable, enable]>
mms-profile: <value of string>
name: <value of string>
nat: <value in [disable, enable]>
natinbound: <value in [disable, enable]>
natip: <value of string>
natoutbound: <value in [disable, enable]>
ntlm: <value in [disable, enable]>
ntlm-enabled-browsers:
  - <value of string>
ntlm-guest: <value in [disable, enable]>
outbound: <value in [disable, enable]>
per-ip-shaper: <value of string>
permit-any-host: <value in [disable, enable]>
permit-stun-host: <value in [disable, enable]>
policyid: <value of integer>

```

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```

poolname: <value of string>
profile-group: <value of string>
profile-protocol-options: <value of string>
profile-type: <value in [single, group]>
radius-mac-auth-bypass: <value in [disable, enable]>
redirect-url: <value of string>
replacemsg-override-group: <value of string>
rsso: <value in [disable, enable]>
rtp-addr: <value of string>
rtp-nat: <value in [disable, enable]>
scan-botnet-connections: <value in [disable, block, monitor]>
schedule: <value of string>
schedule-timeout: <value in [disable, enable]>
send-deny-packet: <value in [disable, enable]>
service: <value of string>
service-negate: <value in [disable, enable]>
session-ttl: <value of integer>
spamfilter-profile: <value of string>
srcaddr: <value of string>
srcaddr-negate: <value in [disable, enable]>
srcintf: <value of string>
ssl-mirror: <value in [disable, enable]>
ssl-mirror-intf: <value of string>
ssl-ssh-profile: <value of string>
status: <value in [disable, enable]>
tags: <value of string>
tcp-mss-receiver: <value of integer>
tcp-mss-sender: <value of integer>
tcp-session-without-syn: <value in [all, data-only, disable]>
timeout-send-rst: <value in [disable, enable]>
traffic-shaper: <value of string>
traffic-shaper-reverse: <value of string>
url-category: <value of string>
users: <value of string>
utm-status: <value in [disable, enable]>
uuid: <value of string>
vlan-cos-fwd: <value of integer>
vlan-cos-rev: <value of integer>
voip-profile: <value of string>
vpn_dst_node:
-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
vpn_src_node:
-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
vpntunnel: <value of string>
waf-profile: <value of string>
wanopt: <value in [disable, enable]>
wanopt-detection: <value in [active, passive, off]>
wanopt-passive-opt: <value in [default, transparent, non-
↪transparent]>
wanopt-peer: <value of string>
wanopt-profile: <value of string>

```

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```

        wccp: <value in [disable, enable]>
        webcache: <value in [disable, enable]>
        webcache-https: <value in [disable, ssl-server, any, ...]>
        webfilter-profile: <value of string>
        wssso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY
  fmgr_pkg_firewall_policy:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg: <value of string>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [action, app-category, application, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

60.7 Status

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

60.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_pkg_firewall_policy_obj – Configure IPv4 policies.

New in version 2.10.

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

61.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, move, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/pkg/{pkg}/firewall/policy/{policy}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

61.2 Requirements

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

- ansible>=2.10.0

61.3 Parameters

61.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

61.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
    fmgr_pkg_firewall_policy_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [clone, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        pkg: <value of string>
        policy: <value of string>
      params:
        -
          data:
            action: <value in [deny, accept, ipsec, ...]>
            app-category: <value of string>
            application:
              - <value of integer>
            application-list: <value of string>
            auth-cert: <value of string>
            auth-path: <value in [disable, enable]>
            auth-redirect-addr: <value of string>
            auto-asic-offload: <value in [disable, enable]>
            av-profile: <value of string>
```

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```

block-notification: <value in [disable, enable]>
captive-portal-exempt: <value in [disable, enable]>
capture-packet: <value in [disable, enable]>
comments: <value of string>
custom-log-fields: <value of string>
delay-tcp-npu-session: <value in [disable, enable]>
devices: <value of string>
diffserv-forward: <value in [disable, enable]>
diffserv-reverse: <value in [disable, enable]>
diffservcode-forward: <value of string>
diffservcode-rev: <value of string>
disclaimer: <value in [disable, enable]>
dlp-sensor: <value of string>
dnsfilter-profile: <value of string>
dscp-match: <value in [disable, enable]>
dscp-negate: <value in [disable, enable]>
dscp-value: <value of string>
dsri: <value in [disable, enable]>
dstaddr: <value of string>
dstaddr-negate: <value in [disable, enable]>
dstintf: <value of string>
firewall-session-dirty: <value in [check-all, check-new]>
fixedport: <value in [disable, enable]>
fsso: <value in [disable, enable]>
fsso-agent-for-ntlm: <value of string>
global-label: <value of string>
groups: <value of string>
gtp-profile: <value of string>
icap-profile: <value of string>
identity-based-route: <value of string>
inbound: <value in [disable, enable]>
internet-service: <value in [disable, enable]>
internet-service-custom: <value of string>
internet-service-id: <value of string>
internet-service-negate: <value in [disable, enable]>
ippool: <value in [disable, enable]>
ips-sensor: <value of string>
label: <value of string>
learning-mode: <value in [disable, enable]>
logtraffic: <value in [disable, enable, all, ...]>
logtraffic-start: <value in [disable, enable]>
match-vip: <value in [disable, enable]>
mms-profile: <value of string>
name: <value of string>
nat: <value in [disable, enable]>
natinbound: <value in [disable, enable]>
natip: <value of string>
natoutbound: <value in [disable, enable]>
ntlm: <value in [disable, enable]>
ntlm-enabled-browsers:
  - <value of string>
ntlm-guest: <value in [disable, enable]>
outbound: <value in [disable, enable]>
per-ip-shaper: <value of string>
permit-any-host: <value in [disable, enable]>
permit-stun-host: <value in [disable, enable]>
policyid: <value of integer>

```

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```

poolname: <value of string>
profile-group: <value of string>
profile-protocol-options: <value of string>
profile-type: <value in [single, group]>
radius-mac-auth-bypass: <value in [disable, enable]>
redirect-url: <value of string>
replacemsg-override-group: <value of string>
rsso: <value in [disable, enable]>
rtp-addr: <value of string>
rtp-nat: <value in [disable, enable]>
scan-botnet-connections: <value in [disable, block, monitor]>
schedule: <value of string>
schedule-timeout: <value in [disable, enable]>
send-deny-packet: <value in [disable, enable]>
service: <value of string>
service-negate: <value in [disable, enable]>
session-ttl: <value of integer>
spamfilter-profile: <value of string>
srcaddr: <value of string>
srcaddr-negate: <value in [disable, enable]>
srcintf: <value of string>
ssl-mirror: <value in [disable, enable]>
ssl-mirror-intf: <value of string>
ssl-ssh-profile: <value of string>
status: <value in [disable, enable]>
tags: <value of string>
tcp-mss-receiver: <value of integer>
tcp-mss-sender: <value of integer>
tcp-session-without-syn: <value in [all, data-only, disable]>
timeout-send-rst: <value in [disable, enable]>
traffic-shaper: <value of string>
traffic-shaper-reverse: <value of string>
url-category: <value of string>
users: <value of string>
utm-status: <value in [disable, enable]>
uuid: <value of string>
vlan-cos-fwd: <value of integer>
vlan-cos-rev: <value of integer>
voip-profile: <value of string>
vpn_dst_node:
-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
vpn_src_node:
-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
vpntunnel: <value of string>
waf-profile: <value of string>
wanopt: <value in [disable, enable]>
wanopt-detection: <value in [active, passive, off]>
wanopt-passive-opt: <value in [default, transparent, non-
↪transparent]>
wanopt-peer: <value of string>
wanopt-profile: <value of string>

```

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```

        wccp: <value in [disable, enable]>
        webcache: <value in [disable, enable]>
        webcache-https: <value in [disable, ssl-server, any, ...]>
        webfilter-profile: <value of string>
        wssso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [delete]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg: <value of string>
      policy: <value of string>
    params:
      -
        data:
          attr: <value in [label, global-label]>
          name: <value of string>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg: <value of string>
      policy: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [move]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg: <value of string>
      policy: <value of string>
    params:
      -
        option: <value in [before, after]>
        target: <value of string>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set]>

```

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```

url_params:
  adom: <value in [none, global, custom dom]>
  pkg: <value of string>
  policy: <value of string>
params:
  -
    data:
      action: <value in [deny, accept, ipsec, ...]>
      app-category: <value of string>
      application:
        - <value of integer>
      application-list: <value of string>
      auth-cert: <value of string>
      auth-path: <value in [disable, enable]>
      auth-redirect-addr: <value of string>
      auto-asic-offload: <value in [disable, enable]>
      av-profile: <value of string>
      block-notification: <value in [disable, enable]>
      captive-portal-exempt: <value in [disable, enable]>
      capture-packet: <value in [disable, enable]>
      comments: <value of string>
      custom-log-fields: <value of string>
      delay-tcp-npu-session: <value in [disable, enable]>
      devices: <value of string>
      diffserv-forward: <value in [disable, enable]>
      diffserv-reverse: <value in [disable, enable]>
      diffservcode-forward: <value of string>
      diffservcode-rev: <value of string>
      disclaimer: <value in [disable, enable]>
      dlp-sensor: <value of string>
      dnsfilter-profile: <value of string>
      dscp-match: <value in [disable, enable]>
      dscp-negate: <value in [disable, enable]>
      dscp-value: <value of string>
      dsri: <value in [disable, enable]>
      dstaddr: <value of string>
      dstaddr-negate: <value in [disable, enable]>
      dstintf: <value of string>
      firewall-session-dirty: <value in [check-all, check-new]>
      fixedport: <value in [disable, enable]>
      fsso: <value in [disable, enable]>
      fsso-agent-for-ntlm: <value of string>
      global-label: <value of string>
      groups: <value of string>
      gtp-profile: <value of string>
      icap-profile: <value of string>
      identity-based-route: <value of string>
      inbound: <value in [disable, enable]>
      internet-service: <value in [disable, enable]>
      internet-service-custom: <value of string>
      internet-service-id: <value of string>
      internet-service-negate: <value in [disable, enable]>
      ippool: <value in [disable, enable]>
      ips-sensor: <value of string>
      label: <value of string>
      learning-mode: <value in [disable, enable]>
      logtraffic: <value in [disable, enable, all, ...]>

```

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```

logtraffic-start: <value in [disable, enable]>
match-vip: <value in [disable, enable]>
mms-profile: <value of string>
name: <value of string>
nat: <value in [disable, enable]>
natinbound: <value in [disable, enable]>
natip: <value of string>
natoutbound: <value in [disable, enable]>
ntlm: <value in [disable, enable]>
ntlm-enabled-browsers:
  - <value of string>
ntlm-guest: <value in [disable, enable]>
outbound: <value in [disable, enable]>
per-ip-shaper: <value of string>
permit-any-host: <value in [disable, enable]>
permit-stun-host: <value in [disable, enable]>
policyid: <value of integer>
poolname: <value of string>
profile-group: <value of string>
profile-protocol-options: <value of string>
profile-type: <value in [single, group]>
radius-mac-auth-bypass: <value in [disable, enable]>
redirect-url: <value of string>
replacemsg-override-group: <value of string>
rsso: <value in [disable, enable]>
rtp-addr: <value of string>
rtp-nat: <value in [disable, enable]>
scan-botnet-connections: <value in [disable, block, monitor]>
schedule: <value of string>
schedule-timeout: <value in [disable, enable]>
send-deny-packet: <value in [disable, enable]>
service: <value of string>
service-negate: <value in [disable, enable]>
session-ttl: <value of integer>
spamfilter-profile: <value of string>
srcaddr: <value of string>
srcaddr-negate: <value in [disable, enable]>
srcintf: <value of string>
ssl-mirror: <value in [disable, enable]>
ssl-mirror-intf: <value of string>
ssl-ssh-profile: <value of string>
status: <value in [disable, enable]>
tags: <value of string>
tcp-mss-receiver: <value of integer>
tcp-mss-sender: <value of integer>
tcp-session-without-syn: <value in [all, data-only, disable]>
timeout-send-rst: <value in [disable, enable]>
traffic-shaper: <value of string>
traffic-shaper-reverse: <value of string>
url-category: <value of string>
users: <value of string>
utm-status: <value in [disable, enable]>
uuid: <value of string>
vlan-cos-fwd: <value of integer>
vlan-cos-rev: <value of integer>
voip-profile: <value of string>
vpn_dst_node:

```

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```

-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
    vpn_src_node:
-
    host: <value of string>
    seq: <value of integer>
    subnet: <value of string>
    vpngateway: <value of string>
    vpngroup: <value of string>
    wanopt: <value in [disable, enable]>
    wanopt-detection: <value in [active, passive, off]>
    wanopt-passive-opt: <value in [default, transparent, non-
↳transparent]>
    wanopt-peer: <value of string>
    wanopt-profile: <value of string>
    wccp: <value in [disable, enable]>
    webcache: <value in [disable, enable]>
    webcache-https: <value in [disable, ssl-server, any, ...]>
    webfilter-profile: <value of string>
    wso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [set]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg: <value of string>
      policy: <value of string>
    params:
-
    data:
      attr: <value in [label, global-label]>
      name: <value of string>

```

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:

61.7 Status

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

61.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_pm_devprof_adom_obj

New in version 2.10.

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

62.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/devprof/adom/{adom}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

62.2 Requirements

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

- ansible>=2.10.0

62.3 Parameters

62.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

62.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/DEVPROF/ADOM/{ADOM}
    fmgr_pm_devprof_adom_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
      params:
        -
          data:
            -
              description: <value of string>
              enabled options:
                - <value in [none, dns, ntp, ...]>
              name: <value of string>
              oid: <value of integer>
              scope member:
                -
                  name: <value of string>
                  vdom: <value of string>
              type: <value in [devprof]>
```

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```

- name: REQUESTING /PM/DEVPROF/ADOM/{ADOM}
  fmgr_pm_devprof_adom_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        fields:
          - <value in [description, enabled options, name, ...]>

```

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:

62.7 Status

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

62.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_pm_devprof_obj

New in version 2.10.

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

63.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[delete, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/devprof/adom/{adom}/{pkg_path}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

63.2 Requirements

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

- ansible>=2.10.0

63.3 Parameters

63.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

63.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/DEVPROF/{PKG_PATH}
    fmgr_pm_devprof_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        pkg_path: <value of string>
      params:
        -
          fields:
            - <value in [description, enabled options, name, ...]>

  - name: REQUESTING /PM/DEVPROF/{PKG_PATH}
    fmgr_pm_devprof_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
```

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```
    pkg_path: <value of string>
  params:
    -
      data:
        description: <value of string>
        enabled_options:
          - <value in [none, dns, ntp, ...]>
        name: <value of string>
        oid: <value of integer>
        scope_member:
          -
            name: <value of string>
            vdom: <value of string>
        type: <value in [devprof]>
```

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:

63.7 Status

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

63.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_pm_pkg_adom_obj

New in version 2.10.

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

64.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/pkg/adom/{adom}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

64.2 Requirements

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

- ansible>=2.10.0

64.3 Parameters

64.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

64.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /PM/PKG/ADOM/{ADOM}
    fmgr_pm_pkg_adom_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
      params:
        -
          data:
            -
              name: <value of string>
              obj ver: <value of integer>
              oid: <value of integer>
              package setting:
                central-nat: <value in [disable, enable]>
                consolidated-firewall-mode: <value in [disable, enable]>
                fwpolicy-implicit-log: <value in [disable, enable]>
                fwpolicy6-implicit-log: <value in [disable, enable]>
                inspection-mode: <value in [proxy, flow]>
                ngfw-mode: <value in [profile-based, policy-based]>
                ssl-ssh-profile: <value of string>
```

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```

        scope member:
            -
                name: <value of string>
                vdom: <value of string>
                type: <value in [pkg, folder]>

- name: REQUESTING /PM/PKG/ADOM/{ADOM}
  fmgr_pm_pkg_adom_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        fields:
          - <value in [name, obj ver, oid, ...]>

```

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:

64.7 Status

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

64.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

New in version 2.10.

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

65.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[delete, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/pkg/adom/{adom}/{pkg_path}`
- `/pm/pkg/global/{pkg_path}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

65.2 Requirements

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

- ansible>=2.10.0

65.3 Parameters

65.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

65.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/PKG/{PKG_PATH}
  fmgr_pm_pkg_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg_path: <value of string>
    params:
      -
        fields:
          - <value in [name, obj ver, oid, ...]>

- name: REQUESTING /PM/PKG/{PKG_PATH}
  fmgr_pm_pkg_obj:
    loose_validation: False
```

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```

workspace_locking_adom: <value in [global, custom adom]>
workspace_locking_timeout: 300
method: <value in [set, update]>
url_params:
  adom: <value in [none, global, custom dom]>
  pkg_path: <value of string>
params:
  -
    data:
      name: <value of string>
      obj_ver: <value of integer>
      oid: <value of integer>
      package_setting:
        central-nat: <value in [disable, enable]>
        consolidated-firewall-mode: <value in [disable, enable]>
        fwpolicy-implicit-log: <value in [disable, enable]>
        fwpolicy6-implicit-log: <value in [disable, enable]>
        inspection-mode: <value in [proxy, flow]>
        ngfw-mode: <value in [profile-based, policy-based]>
        ssl-ssh-profile: <value of string>
      scope_member:
        -
          name: <value of string>
          vdom: <value of string>
          type: <value in [pkg, folder]>

```

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:

65.7 Status

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

65.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_securityconsole_install_device

New in version 2.10.

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

66.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- */securityconsole/install/device*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

66.2 Requirements

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

- ansible>=2.10.0

66.3 Parameters

66.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

66.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /SECURITYCONSOLE/INSTALL/DEVICE
    fmgr_securityconsole_install_device:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [exec]>
      params:
        -
          data:
            adom: <value of string>
            dev_rev_comments: <value of string>
            flags:
              - <value in [none, preview, auto_lock_ws]>
            scope:
              -
                name: <value of string>
                vdom: <value of string>
```

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:

66.7 Status

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

66.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

`fmgr_securityconsole_install_package` – Copy and install a policy package to devices.

New in version 2.10.

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

67.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[exec]** the following FortiManager json-rpc urls.
- `/securityconsole/install/package`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

67.2 Requirements

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

- ansible>=2.10.0

67.3 Parameters

67.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

67.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /SECURITYCONSOLE/INSTALL/PACKAGE
      fmgr_securityconsole_install_package:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [exec]>
        params:
          -
            data:
              adom: <value of string>
              adom_rev_comments: <value of string>
              adom_rev_name: <value of string>
              dev_rev_comments: <value of string>
              flags:
                - <value in [none, cp_all_objs, preview, ...]>
              pkg: <value of string>
              scope:
                -
```

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<code>name:</code> <value of string> <code>vdom:</code> <value of string>
--

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:

67.7 Status

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

67.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_spamfilter_profile – Configure AntiSpam profiles.

New in version 2.10.

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

68.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- */pm/config/adom/{adom}/obj/spamfilter/profile*
- */pm/config/global/obj/spamfilter/profile*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

68.2 Requirements

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

- ansible>=2.10.0

68.3 Parameters

68.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

68.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/SPAMFILTER/PROFILE
      fmgr_spamfilter_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                comment: <value of string>
                external: <value in [disable, enable]>
                flow-based: <value in [disable, enable]>
                name: <value of string>
                options:
                  - <value in [bannedword, spamemailbwl, spamfsip, ...]>
```

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```

    replacemsg-group: <value of string>
    spam-bwl-table: <value of string>
    spam-bword-table: <value of string>
    spam-bword-threshold: <value of integer>
    spam-filtering: <value in [disable, enable]>
    spam-iptrust-table: <value of string>
    spam-log: <value in [disable, enable]>
    spam-log-fortiguard-response: <value in [disable, enable]>
    spam-mheader-table: <value of string>
    spam-rbl-table: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/SPAMFILTER/PROFILE
  fmgr_spamfilter_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [comment, external, flow-based, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

68.7 Status

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

68.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_spamfilter_profile_obj – Configure AntiSpam profiles.

New in version 2.10.

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

69.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/spamfilter/profile/{profile}`
- `/pm/config/global/obj/spamfilter/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

69.2 Requirements

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

- ansible>=2.10.0

69.3 Parameters

69.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

69.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/SPAMFILTER/PROFILE/{PROFILE}
      fmgr_spamfilter_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              comment: <value of string>
              external: <value in [disable, enable]>
              flow-based: <value in [disable, enable]>
              name: <value of string>
              options:
                - <value in [bannedword, spamemailbwl, spamfsip, ...]>
```

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```

    replacemsg-group: <value of string>
    spam-bwl-table: <value of string>
    spam-bword-table: <value of string>
    spam-bword-threshold: <value of integer>
    spam-filtering: <value in [disable, enable]>
    spam-iptrust-table: <value of string>
    spam-log: <value in [disable, enable]>
    spam-log-fortiguard-response: <value in [disable, enable]>
    spam-mheader-table: <value of string>
    spam-rbl-table: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/SPAMFILTER/PROFILE/{PROFILE}
  fmgr_spamfilter_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

69.7 Status

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

69.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_system_global – Global range attributes.

New in version 2.10.

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

70.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- `/cli/global/system/global`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

70.2 Requirements

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

- ansible>=2.10.0

70.3 Parameters

70.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

70.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /CLI/SYSTEM/GLOBAL
      fmgr_system_global:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [set, update]>
        params:
          -
            data:
              admin-lockout-duration: <value of integer>
              admin-lockout-threshold: <value of integer>
              adom-mode: <value in [normal, advanced]>
              adom-rev-auto-delete: <value in [disable, by-revisions, by-days]>
              adom-rev-max-backup-revisions: <value of integer>
              adom-rev-max-days: <value of integer>
              adom-rev-max-revisions: <value of integer>
              adom-select: <value in [disable, enable]>
              adom-status: <value in [disable, enable]>
              clt-cert-req: <value in [disable, enable, optional]>
              console-output: <value in [standard, more]>
              country-flag: <value in [disable, enable]>
              create-revision: <value in [disable, enable]>
              daylightsavetime: <value in [disable, enable]>
```

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```

default-disk-quota: <value of integer>
detect-unregistered-log-device: <value in [disable, enable]>
device-view-mode: <value in [regular, tree]>
dh-params: <value in [1024, 1536, 2048, ...]>
disable-module:
  - <value in [fortiview-noc]>
enc-algorithm: <value in [low, medium, high]>
faz-status: <value in [disable, enable]>
fgfm-local-cert: <value of string>
fgfm-ssl-protocol: <value in [sslsv3, tlsv1.0, tlsv1.1, ...]>
ha-member-auto-grouping: <value in [disable, enable]>
hitcount_concurrent: <value of integer>
hitcount_interval: <value of integer>
hostname: <value of string>
import-ignore-addr-cmt: <value in [disable, enable]>
language: <value in [english, simch, japanese, ...]>
latitude: <value of string>
ldap-cache-timeout: <value of integer>
ldapconntimeout: <value of integer>
lock-preempt: <value in [disable, enable]>
log-checksum: <value in [none, md5, md5-auth]>
log-forward-cache-size: <value of integer>
longitude: <value of string>
max-log-forward: <value of integer>
max-running-reports: <value of integer>
oftp-ssl-protocol: <value in [sslsv3, tlsv1.0, tlsv1.1, ...]>
partial-install: <value in [disable, enable]>
partial-install-force: <value in [disable, enable]>
partial-install-rev: <value in [disable, enable]>
perform-improve-by-ha: <value in [disable, enable]>
policy-hit-count: <value in [disable, enable]>
policy-object-in-dual-pane: <value in [disable, enable]>
pre-login-banner: <value in [disable, enable]>
pre-login-banner-message: <value of string>
remoteauthtimeout: <value of integer>
search-all-adoms: <value in [disable, enable]>
ssl-low-encryption: <value in [disable, enable]>
ssl-protocol:
  - <value in [tlsv1.2, tlsv1.1, tlsv1.0, ...]>
ssl-static-key-ciphers: <value in [disable, enable]>
task-list-size: <value of integer>
tftp: <value in [disable, enable]>
timezone: <value in [00, 01, 02, ...]>
tunnel-mtu: <value of integer>
usg: <value in [disable, enable]>
vdom-mirror: <value in [disable, enable]>
webservice-proto:
  - <value in [tlsv1.2, tlsv1.1, tlsv1.0, ...]>
workflow-max-sessions: <value of integer>
workspace-mode: <value in [disabled, normal, workflow]>

```

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:

70.7 Status

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

70.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_system_ha – HA configuration.

New in version 2.10.

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

71.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get, set, update]** the following FortiManager json-rpc urls.
- */cli/global/system/ha*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

71.2 Requirements

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

- ansible>=2.10.0

71.3 Parameters

71.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

71.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /CLI/SYSTEM/HA
    fmgr_system_ha:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      params:
        -
          data:
            clusterid: <value of integer>
            file-quota: <value of integer>
            hb-interval: <value of integer>
            hb-lost-threshold: <value of integer>
            mode: <value in [standalone, master, slave]>
            password:
              - <value of string>
            peer:
              -
                id: <value of integer>
                ip: <value of string>
                ip6: <value of string>
                serial-number: <value of string>
                status: <value in [disable, enable]>
```

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:

71.7 Status

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

71.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_system_ha_peer – Peer.

New in version 2.10.

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

72.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/cli/global/system/ha/peer`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

72.2 Requirements

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

- ansible>=2.10.0

72.3 Parameters

72.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

72.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /CLI/SYSTEM/HA/PEER
    fmgr_system_ha_peer:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      params:
        -
          data:
            -
              id: <value of integer>
              ip: <value of string>
              ip6: <value of string>
              serial-number: <value of string>
              status: <value in [disable, enable]>

  - name: REQUESTING /CLI/SYSTEM/HA/PEER
    fmgr_system_ha_peer:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [get]>
      params:
```

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```
-  
  fields:  
    -  
      - <value in [id, ip, ip6, ...]>  
  filter:  
    - <value of string>  
  loadsub: <value of integer>  
  option: <value in [count, syntax]>
```

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:

72.7 Status

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

72.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_system_interface – Interface configuration.

New in version 2.10.

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

73.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/cli/global/system/interface`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

73.2 Requirements

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

- ansible>=2.10.0

73.3 Parameters

73.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

73.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /CLI/SYSTEM/INTERFACE
    fmgr_system_interface:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [add, set, update]>
      params:
        -
          data:
            -
              alias: <value of string>
              allowaccess:
                - <value in [ping, https, ssh, ...]>
              description: <value of string>
              ip: <value of string>
              ipv6:
                ip6-address: <value of string>
                ip6-allowaccess:
                  - <value in [ping, https, ssh, ...]>
                ip6-autoconf: <value in [disable, enable]>
              mtu: <value of integer>
              name: <value of string>
              serviceaccess:
```

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```

        - <value in [fgtupdates, fclupdates, webfilter-antispam]>
    speed: <value in [auto, 10full, 10half, ...]>
    status: <value in [down, up]>

- name: REQUESTING /CLI/SYSTEM/INTERFACE
  fmgr_system_interface:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    params:
      -
        fields:
          -
            - <value in [alias, allowaccess, description, ...]>
        filter:
          - <value of string>
        loadsub: <value of integer>
        option: <value in [count, syntax]>

```

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:

73.7 Status

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

73.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_system_interface_obj – Interface configuration.

New in version 2.10.

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

74.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[delete, get, set, update]** the following FortiManager json-rpc urls.
- `/cli/global/system/interface/{interface}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

74.2 Requirements

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

- ansible>=2.10.0

74.3 Parameters

74.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

74.5 Examples

```
- hosts: fortimanager-inventory
collections:
  - fortinet.fortimanager
connection: httpapi
vars:
  ansible_httpapi_use_ssl: True
  ansible_httpapi_validate_certs: False
  ansible_httpapi_port: 443
tasks:
  - name: REQUESTING /CLI/SYSTEM/INTERFACE/{INTERFACE}
    fmgr_system_interface_obj:
      loose_validation: False
      workspace_locking_adom: <value in [global, custom adom]>
      workspace_locking_timeout: 300
      method: <value in [set, update]>
      url_params:
        interface: <value of string>
      params:
        -
          data:
            alias: <value of string>
            allowaccess:
              - <value in [ping, https, ssh, ...]>
            description: <value of string>
            ip: <value of string>
            ipv6:
              ip6-address: <value of string>
              ip6-allowaccess:
                - <value in [ping, https, ssh, ...]>
              ip6-autoconf: <value in [disable, enable]>
            mtu: <value of integer>
            name: <value of string>
```

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```
serviceaccess:
  - <value in [fgtupdates, fclupdates, webfilter-antispam]>
speed: <value in [auto, 10full, 10half, ...]>
status: <value in [down, up]>
```

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:

74.7 Status

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

74.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

`fmgr_task_task` – Read-only table containing the 10000 most recent tasks of the system.

New in version 2.10.

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

75.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get]** the following FortiManager json-rpc urls.
- `/task/task`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

75.2 Requirements

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

- ansible>=2.10.0

75.3 Parameters

75.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

75.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /TASK/TASK
      fmgr_task_task:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [get]>
        params:
          -
            fields:
              -
                - <value in [adom, end_tm, flags, ...]>
            filter:
              - <value of string>
            loadsub: <value of integer>
            option: <value in [count, syntax]>
            range:
              - <value of integer>
            sortings:
```

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```
-  
    varidic.attr_name: <value in [1, -1]>
```

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:

75.7 Status

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

75.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_task_task_obj – Read-only table containing the 10000 most recent tasks of the system.

New in version 2.10.

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

76.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[get]** the following FortiManager json-rpc urls.
- */task/task/{task}*
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

76.2 Requirements

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

- ansible>=2.10.0

76.3 Parameters

76.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

76.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
```

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:

76.7 Status

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

76.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_voip_profile – Configure VoIP profiles.

New in version 2.10.

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

77.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/voip/profile`
- `/pm/config/global/obj/voip/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

77.2 Requirements

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

- ansible>=2.10.0

77.3 Parameters

77.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

77.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/OBJ/VOIP/PROFILE
  fmgr_voip_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [add, set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        data:
          -
            comment: <value of string>
            name: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/VOIP/PROFILE
  fmgr_voip_profile:
    loose_validation: False
```

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```

workspace_locking_adom: <value in [global, custom adom]>
workspace_locking_timeout: 300
method: <value in [get]>
url_params:
  adom: <value in [none, global, custom dom]>
params:
  -
    attr: <value of string>
    fields:
      - <value in [comment, name]>
    filter:
      - <value of string>
    get_used: <value of integer>
    loadsub: <value of integer>
    option: <value in [count, object member, datasrc, ...]>
    range:
      - <value of integer>
    sortings:
      -
        varidic.attr_name: <value in [1, -1]>

```

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:

77.7 Status

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

77.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_voip_profile_obj – Configure VoIP profiles.

New in version 2.10.

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

78.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/voip/profile/{profile}`
- `/pm/config/global/obj/voip/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

78.2 Requirements

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

- ansible>=2.10.0

78.3 Parameters

78.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

78.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:

- name: REQUESTING /PM/CONFIG/OBJ/VOIP/PROFILE/{PROFILE}
  fmgr_voip_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [clone, set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        data:
          comment: <value of string>
          name: <value of string>

- name: REQUESTING /PM/CONFIG/OBJ/VOIP/PROFILE/{PROFILE}
  fmgr_voip_profile_obj:
    loose_validation: False
```

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```
workspace_locking_adom: <value in [global, custom adom]>
workspace_locking_timeout: 300
method: <value in [get]>
url_params:
  adom: <value in [none, global, custom dom]>
  profile: <value of string>
params:
  -
    option: <value in [object member, chksum, datasrc]>
```

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:

78.7 Status

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

78.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_waf_profile – Web application firewall configuration.

New in version 2.10.

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

79.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/waf/profile`
- `/pm/config/global/obj/waf/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

79.2 Requirements

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

- ansible>=2.10.0

79.3 Parameters

79.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

79.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WAF/PROFILE
      fmgr_waf_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                comment: <value of string>
                extended-log: <value in [disable, enable]>
                external: <value in [disable, enable]>
                name: <value of string>
                url-access:
```

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```

        access-pattern:
            -
                id: <value of integer>
                negate: <value in [disable, enable]>
                pattern: <value of string>
                regex: <value in [disable, enable]>
                srcaddr: <value of string>
                action: <value in [bypass, permit, block]>
                address: <value of string>
                id: <value of integer>
                log: <value in [disable, enable]>
                severity: <value in [low, medium, high]>

- name: REQUESTING /PM/CONFIG/OBJ/WAF/PROFILE
  fmgr_waf_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [comment, extended-log, external, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

79.7 Status

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

79.8 Authors

- Frank Shen (@fshen01)

- Link Zheng (@zhengl)

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

fmgr_waf_profile_obj – Web application firewall configuration.

New in version 2.10.

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

80.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/waf/profile/{profile}`
- `/pm/config/global/obj/waf/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

80.2 Requirements

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

- ansible>=2.10.0

80.3 Parameters

80.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

80.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WAF/PROFILE/{PROFILE}
      fmgr_waf_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              comment: <value of string>
              extended-log: <value in [disable, enable]>
              external: <value in [disable, enable]>
              name: <value of string>
              url-access:
```

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```

    access-pattern:
    -
        id: <value of integer>
        negate: <value in [disable, enable]>
        pattern: <value of string>
        regex: <value in [disable, enable]>
        srcaddr: <value of string>
        action: <value in [bypass, permit, block]>
        address: <value of string>
        id: <value of integer>
        log: <value in [disable, enable]>
        severity: <value in [low, medium, high]>

- name: REQUESTING /PM/CONFIG/OBJ/WAF/PROFILE/{PROFILE}
  fmgr_waf_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
    -
        option: <value in [object member, chksum, datasrc]>

```

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:

80.7 Status

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

80.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_wanopt_profile – Configure WAN optimization profiles.

New in version 2.10.

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

81.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/wanopt/profile`
- `/pm/config/global/obj/wanopt/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

81.2 Requirements

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

- ansible>=2.10.0

81.3 Parameters

81.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

81.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WANOPT/PROFILE
      fmgr_wanopt_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                auth-group: <value of string>
                comments: <value of string>
                name: <value of string>
                transparent: <value in [disable, enable]>

    - name: REQUESTING /PM/CONFIG/OBJ/WANOPT/PROFILE
```

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```

fmgr_wanopt_profile:
  loose_validation: False
  workspace_locking_adom: <value in [global, custom adom]>
  workspace_locking_timeout: 300
  method: <value in [get]>
  url_params:
    adom: <value in [none, global, custom dom]>
  params:
    -
      attr: <value of string>
      fields:
        -
          - <value in [auth-group, comments, name, ...]>
      filter:
        - <value of string>
      get_used: <value of integer>
      loadsub: <value of integer>
      option: <value in [count, object member, datasrc, ...]>
      range:
        - <value of integer>
      sortings:
        -
          varidic.attr_name: <value in [1, -1]>

```

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:

81.7 Status

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

81.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_wanopt_profile_obj – Configure WAN optimization profiles.

New in version 2.10.

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

82.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/wanopt/profile/{profile}`
- `/pm/config/global/obj/wanopt/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

82.2 Requirements

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

- ansible>=2.10.0

82.3 Parameters

82.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

82.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WANOPT/PROFILE/{PROFILE}
      fmgr_wanopt_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              auth-group: <value of string>
              comments: <value of string>
              name: <value of string>
              transparent: <value in [disable, enable]>

    - name: REQUESTING /PM/CONFIG/OBJ/WANOPT/PROFILE/{PROFILE}
```

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```
fmgr_wanopt_profile_obj:
  loose_validation: False
  workspace_locking_adom: <value in [global, custom adom]>
  workspace_locking_timeout: 300
  method: <value in [get]>
  url_params:
    adom: <value in [none, global, custom dom]>
    profile: <value of string>
  params:
    -
      option: <value in [object member, chksum, datasrc]>
```

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:

82.7 Status

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

82.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_webfilter_profile – Configure Web filter profiles.

New in version 2.10.

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

83.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/webfilter/profile`
- `/pm/config/global/obj/webfilter/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

83.2 Requirements

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

- ansible>=2.10.0

83.3 Parameters

83.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

83.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WEBFILTER/PROFILE
      fmgr_webfilter_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                comment: <value of string>
                extended-log: <value in [disable, enable]>
                https-replacemsg: <value in [disable, enable]>
                inspection-mode: <value in [proxy, flow-based, dns]>
                log-all-url: <value in [disable, enable]>
                name: <value of string>
```

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```

        options:
          - <value in [block-invalid-url, jscript, js, ...]>
        ovrd-perm:
          - <value in [bannedword-override, urlfilter-override,
↳fortiguard-wf-override, ...]>
        post-action: <value in [normal, comfort, block]>
        replacemsg-group: <value of string>
        web-content-log: <value in [disable, enable]>
        web-extended-all-action-log: <value in [disable, enable]>
        web-filter-activex-log: <value in [disable, enable]>
        web-filter-applet-log: <value in [disable, enable]>
        web-filter-command-block-log: <value in [disable, enable]>
        web-filter-cookie-log: <value in [disable, enable]>
        web-filter-cookie-removal-log: <value in [disable, enable]>
        web-filter-js-log: <value in [disable, enable]>
        web-filter-jscript-log: <value in [disable, enable]>
        web-filter-referer-log: <value in [disable, enable]>
        web-filter-unknown-log: <value in [disable, enable]>
        web-filter-vbs-log: <value in [disable, enable]>
        web-ftgd-err-log: <value in [disable, enable]>
        web-ftgd-quota-usage: <value in [disable, enable]>
        web-invalid-domain-log: <value in [disable, enable]>
        web-url-log: <value in [disable, enable]>
        wisp: <value in [disable, enable]>
        wisp-algorithm: <value in [auto-learning, primary-secondary,
↳round-robin]>
        wisp-servers: <value of string>
        youtube-channel-filter:
          -
            channel-id: <value of string>
            comment: <value of string>
            id: <value of integer>
        youtube-channel-status: <value in [disable, blacklist, whitelist]>

- name: REQUESTING /PM/CONFIG/OBJ/WEBFILTER/PROFILE
  fmgr_webfilter_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [comment, extended-log, https-replacemsg, ...]>
        filter:
          - <value of string>
        get used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -

```

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<code>varidic.attr_name: <value in [1, -1]></code>
--

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:

83.7 Status

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

83.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_webfilter_profile_obj – Configure Web filter profiles.

New in version 2.10.

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

84.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/webfilter/profile/{profile}`
- `/pm/config/global/obj/webfilter/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

84.2 Requirements

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

- ansible>=2.10.0

84.3 Parameters

84.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

84.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WEBFILTER/PROFILE/{PROFILE}
      fmgr_webfilter_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              comment: <value of string>
              extended-log: <value in [disable, enable]>
              https-replacemsg: <value in [disable, enable]>
              inspection-mode: <value in [proxy, flow-based, dns]>
              log-all-url: <value in [disable, enable]>
              name: <value of string>
```

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```

    options:
      - <value in [block-invalid-url, jscript, js, ...]>
    ovrd-perm:
      - <value in [bannedword-override, urlfilter-override, fortiguard-
→wf-override, ...]>
    post-action: <value in [normal, comfort, block]>
    replacemsg-group: <value of string>
    web-content-log: <value in [disable, enable]>
    web-extended-all-action-log: <value in [disable, enable]>
    web-filter-activex-log: <value in [disable, enable]>
    web-filter-applet-log: <value in [disable, enable]>
    web-filter-command-block-log: <value in [disable, enable]>
    web-filter-cookie-log: <value in [disable, enable]>
    web-filter-cookie-removal-log: <value in [disable, enable]>
    web-filter-js-log: <value in [disable, enable]>
    web-filter-jscript-log: <value in [disable, enable]>
    web-filter-referer-log: <value in [disable, enable]>
    web-filter-unknown-log: <value in [disable, enable]>
    web-filter-vbs-log: <value in [disable, enable]>
    web-ftgd-err-log: <value in [disable, enable]>
    web-ftgd-quota-usage: <value in [disable, enable]>
    web-invalid-domain-log: <value in [disable, enable]>
    web-url-log: <value in [disable, enable]>
    wisp: <value in [disable, enable]>
    wisp-algorithm: <value in [auto-learning, primary-secondary, round-
→robin]>
    wisp-servers: <value of string>
    youtube-channel-filter:
      -
        channel-id: <value of string>
        comment: <value of string>
        id: <value of integer>
    youtube-channel-status: <value in [disable, blacklist, whitelist]>

- name: REQUESTING /PM/CONFIG/OBJ/WEBFILTER/PROFILE/{PROFILE}
  fmgr_webfilter_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

84.7 Status

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

84.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

fmgr_webproxy_profile – Configure web proxy profiles.

New in version 2.10.

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

85.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to **[add, get, set, update]** the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/web-proxy/profile`
- `/pm/config/global/obj/web-proxy/profile`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

85.2 Requirements

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

- ansible>=2.10.0

85.3 Parameters

85.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

85.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WEB-PROXY/PROFILE
      fmgr_webproxy_profile:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [add, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            data:
              -
                header-client-ip: <value in [pass, add, remove]>
                header-front-end-https: <value in [pass, add, remove]>
                header-via-request: <value in [pass, add, remove]>
                header-via-response: <value in [pass, add, remove]>
                header-x-authenticated-groups: <value in [pass, add, remove]>
                header-x-authenticated-user: <value in [pass, add, remove]>
```

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```

        header-x-forwarded-for: <value in [pass, add, remove]>
        headers:
            -
                action: <value in [add-to-request, add-to-response, remove-
→from-request, ...]>
                content: <value of string>
                id: <value of integer>
                name: <value of string>
                log-header-change: <value in [disable, enable]>
                name: <value of string>
                strip-encoding: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/WEB-PROXY/PROFILE
  fmgr_webproxy_profile:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
      -
        attr: <value of string>
        fields:
          -
            - <value in [header-client-ip, header-front-end-https, header-via-
→request, ...]>
        filter:
          - <value of string>
        get_used: <value of integer>
        loadsub: <value of integer>
        option: <value in [count, object member, datasrc, ...]>
        range:
          - <value of integer>
        sortings:
          -
            varidic.attr_name: <value in [1, -1]>

```

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:

85.7 Status

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

85.8 Authors

- Frank Shen (@fshen01)

- Link Zheng (@zhengl)

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

fmgr_webproxy_profile_obj – Configure web proxy profiles.

New in version 2.10.

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

86.1 Synopsis

- This module is able to configure a FortiManager device by allowing the user to [**clone, delete, get, set, update**] the following FortiManager json-rpc urls.
- `/pm/config/adom/{adom}/obj/web-proxy/profile/{profile}`
- `/pm/config/global/obj/web-proxy/profile/{profile}`
- Examples include all parameters and values need to be adjusted to data sources before usage.
- Tested with FortiManager v6.0.0

86.2 Requirements

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

- ansible>=2.10.0

86.3 Parameters

86.4 Notes

Note:

- The module may supports multiple method, every method has different parameters definition
 - One method may also have more than one parameter definition collection, each collection is dedicated to one API endpoint
 - The module may include domain dependent urls, the domain can be specified in url_params as adom
 - To run in workspace mode, the parameter workspace_locking_adom must be included in the task
-

86.5 Examples

```
- hosts: fortimanager-inventory
  collections:
    - fortinet.fortimanager
  connection: httpapi
  vars:
    ansible_httpapi_use_ssl: True
    ansible_httpapi_validate_certs: False
    ansible_httpapi_port: 443
  tasks:
    - name: REQUESTING /PM/CONFIG/OBJ/WEB-PROXY/PROFILE/{PROFILE}
      fmgr_webproxy_profile_obj:
        loose_validation: False
        workspace_locking_adom: <value in [global, custom adom]>
        workspace_locking_timeout: 300
        method: <value in [clone, set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          profile: <value of string>
        params:
          -
            data:
              header-client-ip: <value in [pass, add, remove]>
              header-front-end-https: <value in [pass, add, remove]>
              header-via-request: <value in [pass, add, remove]>
              header-via-response: <value in [pass, add, remove]>
              header-x-authenticated-groups: <value in [pass, add, remove]>
              header-x-authenticated-user: <value in [pass, add, remove]>
```

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```

        header-x-forwarded-for: <value in [pass, add, remove]>
        headers:
            -
                action: <value in [add-to-request, add-to-response, remove-
→from-request, ...]>
                content: <value of string>
                id: <value of integer>
                name: <value of string>
                log-header-change: <value in [disable, enable]>
                name: <value of string>
                strip-encoding: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/OBJ/WEB-PROXY/PROFILE/{PROFILE}
  fmgr_webproxy_profile_obj:
    loose_validation: False
    workspace_locking_adom: <value in [global, custom adom]>
    workspace_locking_timeout: 300
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
    params:
      -
        option: <value in [object member, chksum, datasrc]>

```

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:

86.7 Status

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

86.8 Authors

- Frank Shen (@fshen01)
- Link Zheng (@zhengl)

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

CHAPTER 87

Indices and tables

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