
Fortinet FortiManager Ansible Collection

Release 1.0

Mar 27, 2020

1	fmgr_antivirus_profile – Configure AntiVirus profiles.	1
1.1	Synopsis	1
1.2	Requirements	2
1.3	Parameters	2
1.4	Notes	2
1.5	Examples	2
1.6	Return Values	3
1.7	Status	3
1.8	Authors	3
2	fmgr_antivirus_profile_obj – Configure AntiVirus profiles.	5
2.1	Synopsis	5
2.2	Requirements	6
2.3	Parameters	6
2.4	Notes	6
2.5	Examples	6
2.6	Return Values	7
2.7	Status	7
2.8	Authors	7
3	fmgr_application_list – Configure application control lists.	9
3.1	Synopsis	9
3.2	Requirements	10
3.3	Parameters	10
3.4	Notes	10
3.5	Examples	10
3.6	Return Values	12
3.7	Status	12
3.8	Authors	12
4	fmgr_application_list_obj – Configure application control lists.	13
4.1	Synopsis	13
4.2	Requirements	14
4.3	Parameters	14
4.4	Notes	14
4.5	Examples	14
4.6	Return Values	16

4.7	Status	16
4.8	Authors	16
5	fmgr_devprof_device_profile_fortianalyzer	17
5.1	Synopsis	17
5.2	Requirements	17
5.3	Parameters	18
5.4	Notes	18
5.5	Examples	18
5.6	Return Values	19
5.7	Status	19
5.8	Authors	19
6	fmgr_devprof_device_profile_fortiguard	21
6.1	Synopsis	21
6.2	Requirements	21
6.3	Parameters	22
6.4	Notes	22
6.5	Examples	22
6.6	Return Values	23
6.7	Status	23
6.8	Authors	23
7	fmgr_devprof_log_syslogd_filter – Filters for remote system server.	25
7.1	Synopsis	25
7.2	Requirements	25
7.3	Parameters	26
7.4	Notes	26
7.5	Examples	26
7.6	Return Values	27
7.7	Status	27
7.8	Authors	27
8	fmgr_devprof_log_syslogd_setting – Global settings for remote syslog server.	29
8.1	Synopsis	29
8.2	Requirements	30
8.3	Parameters	30
8.4	Notes	30
8.5	Examples	30
8.6	Return Values	31
8.7	Status	31
8.8	Authors	31
9	fmgr_devprof_system_centralmanagement – Configure central management.	33
9.1	Synopsis	33
9.2	Requirements	34
9.3	Parameters	34
9.4	Notes	34
9.5	Examples	34
9.6	Return Values	35
9.7	Status	35
9.8	Authors	35
10	fmgr_devprof_system_dns – Configure DNS.	37
10.1	Synopsis	37

10.2	Requirements	37
10.3	Parameters	38
10.4	Notes	38
10.5	Examples	38
10.6	Return Values	39
10.7	Status	39
10.8	Authors	39
11	fmgr_devprof_system_emailserver – Configure the email server used by the FortiGate various things.	41
11.1	Synopsis	41
11.2	Requirements	42
11.3	Parameters	42
11.4	Notes	42
11.5	Examples	42
11.6	Return Values	43
11.7	Status	43
11.8	Authors	43
12	fmgr_devprof_system_global – Configure global attributes.	45
12.1	Synopsis	45
12.2	Requirements	45
12.3	Parameters	46
12.4	Notes	46
12.5	Examples	46
12.6	Return Values	47
12.7	Status	47
12.8	Authors	47
13	fmgr_devprof_system_ntp – Configure system NTP information.	49
13.1	Synopsis	49
13.2	Requirements	49
13.3	Parameters	50
13.4	Notes	50
13.5	Examples	50
13.6	Return Values	51
13.7	Status	51
13.8	Authors	51
14	fmgr_devprof_system_snmp_community – SNMP community configuration.	53
14.1	Synopsis	53
14.2	Requirements	54
14.3	Parameters	54
14.4	Notes	54
14.5	Examples	54
14.6	Return Values	55
14.7	Status	55
14.8	Authors	56
15	fmgr_devprof_system_snmp_community_obj – SNMP community configuration.	57
15.1	Synopsis	57
15.2	Requirements	58
15.3	Parameters	58
15.4	Notes	58
15.5	Examples	58
15.6	Return Values	59

15.7	Status	59
15.8	Authors	59
16	fmgr_devprof_system_snmp_sysinfo – SNMP system info configuration.	61
16.1	Synopsis	61
16.2	Requirements	61
16.3	Parameters	62
16.4	Notes	62
16.5	Examples	62
16.6	Return Values	63
16.7	Status	63
16.8	Authors	63
17	fmgr_devprof_system_snmp_user – SNMP user configuration.	65
17.1	Synopsis	65
17.2	Requirements	65
17.3	Parameters	66
17.4	Notes	66
17.5	Examples	66
17.6	Return Values	67
17.7	Status	67
17.8	Authors	67
18	fmgr_devprof_system_snmp_user_obj – SNMP user configuration.	69
18.1	Synopsis	69
18.2	Requirements	69
18.3	Parameters	70
18.4	Notes	70
18.5	Examples	70
18.6	Return Values	71
18.7	Status	71
18.8	Authors	71
19	fmgr_dnsfilter_profile – Configure DNS domain filter profiles.	73
19.1	Synopsis	73
19.2	Requirements	74
19.3	Parameters	74
19.4	Notes	74
19.5	Examples	74
19.6	Return Values	75
19.7	Status	75
19.8	Authors	75
20	fmgr_dnsfilter_profile_obj – Configure DNS domain filter profiles.	77
20.1	Synopsis	77
20.2	Requirements	78
20.3	Parameters	78
20.4	Notes	78
20.5	Examples	78
20.6	Return Values	79
20.7	Status	79
20.8	Authors	79
21	fmgr_dvm_cmd_add_device – Add a device to the Device Manager database.	81
21.1	Synopsis	81

21.2	Requirements	82
21.3	Parameters	82
21.4	Notes	82
21.5	Examples	82
21.6	Return Values	83
21.7	Status	83
21.8	Authors	83
22	fmgr_dvm_cmd_del_device – Delete a device.	85
22.1	Synopsis	85
22.2	Requirements	86
22.3	Parameters	86
22.4	Notes	86
22.5	Examples	86
22.6	Return Values	86
22.7	Status	87
22.8	Authors	87
23	fmgr_dvm_cmd_discover_device – Probe a remote device and retrieve its device information and system status.	89
23.1	Synopsis	89
23.2	Requirements	90
23.3	Parameters	90
23.4	Notes	90
23.5	Examples	90
23.6	Return Values	90
23.7	Status	91
23.8	Authors	91
24	fmgr_dvm_cmd_update_device – Refresh the FGFM connection and system information of a device.	93
24.1	Synopsis	93
24.2	Requirements	94
24.3	Parameters	94
24.4	Notes	94
24.5	Examples	94
24.6	Return Values	94
24.7	Status	95
24.8	Authors	95
25	fmgr_dvmdb_device – Device table, most attributes are read-only and can only be changed internally.	97
25.1	Synopsis	97
25.2	Requirements	98
25.3	Parameters	98
25.4	Notes	98
25.5	Examples	98
25.6	Return Values	100
25.7	Status	100
25.8	Authors	100
26	fmgr_dvmdb_device_obj – Device table, most attributes are read-only and can only be changed internally.	103
26.1	Synopsis	103
26.2	Requirements	104
26.3	Parameters	104
26.4	Notes	104

26.5	Examples	104
26.6	Return Values	106
26.7	Status	106
26.8	Authors	106
27	fmgr_dvmdb_group – Device group table.	107
27.1	Synopsis	107
27.2	Requirements	108
27.3	Parameters	108
27.4	Notes	108
27.5	Examples	108
27.6	Return Values	109
27.7	Status	109
27.8	Authors	109
28	fmgr_dvmdb_group_obj – Device group table.	111
28.1	Synopsis	111
28.2	Requirements	112
28.3	Parameters	112
28.4	Notes	112
28.5	Examples	112
28.6	Return Values	113
28.7	Status	113
28.8	Authors	114
29	fmgr_dvmdb_script – Script table.	115
29.1	Synopsis	115
29.2	Requirements	116
29.3	Parameters	116
29.4	Notes	116
29.5	Examples	116
29.6	Return Values	117
29.7	Status	117
29.8	Authors	117
30	fmgr_dvmdb_script_execute – Run script.	119
30.1	Synopsis	119
30.2	Requirements	120
30.3	Parameters	120
30.4	Notes	120
30.5	Examples	120
30.6	Return Values	121
30.7	Status	121
30.8	Authors	121
31	fmgr_dvmdb_script_obj – Script table.	123
31.1	Synopsis	123
31.2	Requirements	124
31.3	Parameters	124
31.4	Notes	124
31.5	Examples	124
31.6	Return Values	126
31.7	Status	126
31.8	Authors	126

32	fmgr_firewall_address – Configure IPv4 addresses.	127
32.1	Synopsis	127
32.2	Requirements	128
32.3	Parameters	128
32.4	Notes	128
32.5	Examples	128
32.6	Return Values	130
32.7	Status	130
32.8	Authors	130
33	fmgr_firewall_address6 – Configure IPv6 firewall addresses.	131
33.1	Synopsis	131
33.2	Requirements	132
33.3	Parameters	132
33.4	Notes	132
33.5	Examples	132
33.6	Return Values	134
33.7	Status	134
33.8	Authors	134
34	fmgr_firewall_address6_obj – Configure IPv6 firewall addresses.	135
34.1	Synopsis	135
34.2	Requirements	136
34.3	Parameters	136
34.4	Notes	136
34.5	Examples	136
34.6	Return Values	138
34.7	Status	138
34.8	Authors	138
35	fmgr_firewall_address_obj – Configure IPv4 addresses.	139
35.1	Synopsis	139
35.2	Requirements	140
35.3	Parameters	140
35.4	Notes	140
35.5	Examples	140
35.6	Return Values	142
35.7	Status	142
35.8	Authors	142
36	fmgr_firewall_addrgrp – Configure IPv4 address groups.	143
36.1	Synopsis	143
36.2	Requirements	144
36.3	Parameters	144
36.4	Notes	144
36.5	Examples	144
36.6	Return Values	145
36.7	Status	145
36.8	Authors	146
37	fmgr_firewall_addrgrp6 – Configure IPv6 address groups.	147
37.1	Synopsis	147
37.2	Requirements	148
37.3	Parameters	148
37.4	Notes	148

37.5	Examples	148
37.6	Return Values	149
37.7	Status	149
37.8	Authors	149
38	fmgr_firewall_addrgrp6_obj – Configure IPv6 address groups.	151
38.1	Synopsis	151
38.2	Requirements	152
38.3	Parameters	152
38.4	Notes	152
38.5	Examples	152
38.6	Return Values	153
38.7	Status	153
38.8	Authors	153
39	fmgr_firewall_addrgrp_obj – Configure IPv4 address groups.	155
39.1	Synopsis	155
39.2	Requirements	156
39.3	Parameters	156
39.4	Notes	156
39.5	Examples	156
39.6	Return Values	157
39.7	Status	157
39.8	Authors	157
40	fmgr_firewall_ippool – Configure IPv4 IP pools.	159
40.1	Synopsis	159
40.2	Requirements	160
40.3	Parameters	160
40.4	Notes	160
40.5	Examples	160
40.6	Return Values	161
40.7	Status	162
40.8	Authors	162
41	fmgr_firewall_ippool6 – Configure IPv6 IP pools.	163
41.1	Synopsis	163
41.2	Requirements	164
41.3	Parameters	164
41.4	Notes	164
41.5	Examples	164
41.6	Return Values	165
41.7	Status	165
41.8	Authors	165
42	fmgr_firewall_ippool6_obj – Configure IPv6 IP pools.	167
42.1	Synopsis	167
42.2	Requirements	168
42.3	Parameters	168
42.4	Notes	168
42.5	Examples	168
42.6	Return Values	169
42.7	Status	169
42.8	Authors	169

43	fmgr_firewall_ippool_obj – Configure IPv4 IP pools.	171
43.1	Synopsis	171
43.2	Requirements	172
43.3	Parameters	172
43.4	Notes	172
43.5	Examples	172
43.6	Return Values	173
43.7	Status	173
43.8	Authors	173
44	fmgr_firewall_multicastaddress – Configure multicast addresses.	175
44.1	Synopsis	175
44.2	Requirements	176
44.3	Parameters	176
44.4	Notes	176
44.5	Examples	176
44.6	Return Values	177
44.7	Status	177
44.8	Authors	177
45	fmgr_firewall_multicastaddress_obj – Configure multicast addresses.	179
45.1	Synopsis	179
45.2	Requirements	180
45.3	Parameters	180
45.4	Notes	180
45.5	Examples	180
45.6	Return Values	181
45.7	Status	181
45.8	Authors	181
46	fmgr_firewall_profilegroup – Configure profile groups.	183
46.1	Synopsis	183
46.2	Requirements	184
46.3	Parameters	184
46.4	Notes	184
46.5	Examples	184
46.6	Return Values	185
46.7	Status	185
46.8	Authors	185
47	fmgr_firewall_profilegroup_obj – Configure profile groups.	187
47.1	Synopsis	187
47.2	Requirements	188
47.3	Parameters	188
47.4	Notes	188
47.5	Examples	188
47.6	Return Values	189
47.7	Status	189
47.8	Authors	189
48	fmgr_firewall_service_category – Configure service categories.	191
48.1	Synopsis	191
48.2	Requirements	192
48.3	Parameters	192
48.4	Notes	192

48.5	Examples	192
48.6	Return Values	193
48.7	Status	193
48.8	Authors	193
49	fmgr_firewall_service_category_obj – Configure service categories.	195
49.1	Synopsis	195
49.2	Requirements	196
49.3	Parameters	196
49.4	Notes	196
49.5	Examples	196
49.6	Return Values	197
49.7	Status	197
49.8	Authors	197
50	fmgr_firewall_service_custom – Configure custom services.	199
50.1	Synopsis	199
50.2	Requirements	200
50.3	Parameters	200
50.4	Notes	200
50.5	Examples	200
50.6	Return Values	201
50.7	Status	201
50.8	Authors	202
51	fmgr_firewall_service_custom_obj – Configure custom services.	203
51.1	Synopsis	203
51.2	Requirements	204
51.3	Parameters	204
51.4	Notes	204
51.5	Examples	204
51.6	Return Values	205
51.7	Status	205
51.8	Authors	205
52	fmgr_firewall_service_group – Configure service groups.	207
52.1	Synopsis	207
52.2	Requirements	208
52.3	Parameters	208
52.4	Notes	208
52.5	Examples	208
52.6	Return Values	209
52.7	Status	209
52.8	Authors	209
53	fmgr_firewall_service_group_obj – Configure service groups.	211
53.1	Synopsis	211
53.2	Requirements	212
53.3	Parameters	212
53.4	Notes	212
53.5	Examples	212
53.6	Return Values	213
53.7	Status	213
53.8	Authors	213

54	fmgr_firewall_sslsshprofile – Configure SSL/SSH protocol options.	215
54.1	Synopsis	215
54.2	Requirements	216
54.3	Parameters	216
54.4	Notes	216
54.5	Examples	216
54.6	Return Values	217
54.7	Status	218
54.8	Authors	218
55	fmgr_firewall_sslsshprofile_obj – Configure SSL/SSH protocol options.	219
55.1	Synopsis	219
55.2	Requirements	220
55.3	Parameters	220
55.4	Notes	220
55.5	Examples	220
55.6	Return Values	221
55.7	Status	221
55.8	Authors	221
56	fmgr_firewall_vip – Configure virtual IP for IPv4.	223
56.1	Synopsis	223
56.2	Requirements	224
56.3	Parameters	224
56.4	Notes	224
56.5	Examples	224
56.6	Return Values	229
56.7	Status	229
56.8	Authors	229
57	fmgr_firewall_vip_obj – Configure virtual IP for IPv4.	231
57.1	Synopsis	231
57.2	Requirements	232
57.3	Parameters	232
57.4	Notes	232
57.5	Examples	232
57.6	Return Values	236
57.7	Status	237
57.8	Authors	237
58	fmgr_ips_sensor – Configure IPS sensor.	239
58.1	Synopsis	239
58.2	Requirements	240
58.3	Parameters	240
58.4	Notes	240
58.5	Examples	240
58.6	Return Values	242
58.7	Status	242
58.8	Authors	242
59	fmgr_ips_sensor_obj – Configure IPS sensor.	243
59.1	Synopsis	243
59.2	Requirements	244
59.3	Parameters	244
59.4	Notes	244

59.5	Examples	244
59.6	Return Values	246
59.7	Status	246
59.8	Authors	246
60	fmgr_pkg_firewall_policy – Configure IPv4 policies.	247
60.1	Synopsis	247
60.2	Requirements	247
60.3	Parameters	248
60.4	Notes	248
60.5	Examples	248
60.6	Return Values	251
60.7	Status	251
60.8	Authors	251
61	fmgr_pkg_firewall_policy_obj – Configure IPv4 policies.	253
61.1	Synopsis	253
61.2	Requirements	253
61.3	Parameters	254
61.4	Notes	254
61.5	Examples	254
61.6	Return Values	260
61.7	Status	260
61.8	Authors	260
62	fmgr_pm_devprof_adom_obj	261
62.1	Synopsis	261
62.2	Requirements	261
62.3	Parameters	262
62.4	Notes	262
62.5	Examples	262
62.6	Return Values	263
62.7	Status	263
62.8	Authors	263
63	fmgr_pm_devprof_obj	265
63.1	Synopsis	265
63.2	Requirements	265
63.3	Parameters	266
63.4	Notes	266
63.5	Examples	266
63.6	Return Values	267
63.7	Status	267
63.8	Authors	267
64	fmgr_pm_pkg_adom_obj	269
64.1	Synopsis	269
64.2	Requirements	269
64.3	Parameters	270
64.4	Notes	270
64.5	Examples	270
64.6	Return Values	271
64.7	Status	271
64.8	Authors	271

65	fmgr_pm_pkg_obj	273
65.1	Synopsis	273
65.2	Requirements	274
65.3	Parameters	274
65.4	Notes	274
65.5	Examples	274
65.6	Return Values	275
65.7	Status	275
65.8	Authors	275
66	fmgr_securityconsole_install_device	277
66.1	Synopsis	277
66.2	Requirements	277
66.3	Parameters	278
66.4	Notes	278
66.5	Examples	278
66.6	Return Values	278
66.7	Status	279
66.8	Authors	279
67	fmgr_securityconsole_install_package – Copy and install a policy package to devices.	281
67.1	Synopsis	281
67.2	Requirements	282
67.3	Parameters	282
67.4	Notes	282
67.5	Examples	282
67.6	Return Values	283
67.7	Status	283
67.8	Authors	283
68	fmgr_spamfilter_profile – Configure AntiSpam profiles.	285
68.1	Synopsis	285
68.2	Requirements	286
68.3	Parameters	286
68.4	Notes	286
68.5	Examples	286
68.6	Return Values	287
68.7	Status	287
68.8	Authors	287
69	fmgr_spamfilter_profile_obj – Configure AntiSpam profiles.	289
69.1	Synopsis	289
69.2	Requirements	290
69.3	Parameters	290
69.4	Notes	290
69.5	Examples	290
69.6	Return Values	291
69.7	Status	291
69.8	Authors	291
70	fmgr_system_global – Global range attributes.	293
70.1	Synopsis	293
70.2	Requirements	293
70.3	Parameters	294
70.4	Notes	294

70.5	Examples	294
70.6	Return Values	296
70.7	Status	296
70.8	Authors	296
71	fmgr_system_ha – HA configuration.	297
71.1	Synopsis	297
71.2	Requirements	297
71.3	Parameters	298
71.4	Notes	298
71.5	Examples	298
71.6	Return Values	299
71.7	Status	299
71.8	Authors	299
72	fmgr_system_ha_peer – Peer.	301
72.1	Synopsis	301
72.2	Requirements	301
72.3	Parameters	302
72.4	Notes	302
72.5	Examples	302
72.6	Return Values	303
72.7	Status	303
72.8	Authors	303
73	fmgr_system_interface – Interface configuration.	305
73.1	Synopsis	305
73.2	Requirements	305
73.3	Parameters	306
73.4	Notes	306
73.5	Examples	306
73.6	Return Values	307
73.7	Status	307
73.8	Authors	307
74	fmgr_system_interface_obj – Interface configuration.	309
74.1	Synopsis	309
74.2	Requirements	309
74.3	Parameters	310
74.4	Notes	310
74.5	Examples	310
74.6	Return Values	311
74.7	Status	311
74.8	Authors	311
75	fmgr_task_task – Read-only table containing the 10000 most recent tasks of the system.	313
75.1	Synopsis	313
75.2	Requirements	314
75.3	Parameters	314
75.4	Notes	314
75.5	Examples	314
75.6	Return Values	315
75.7	Status	315
75.8	Authors	315

76	fmgr_task_task_obj – Read-only table containing the 10000 most recent tasks of the system.	317
76.1	Synopsis	317
76.2	Requirements	318
76.3	Parameters	318
76.4	Notes	318
76.5	Examples	318
76.6	Return Values	318
76.7	Status	318
76.8	Authors	318
77	fmgr_voip_profile – Configure VoIP profiles.	321
77.1	Synopsis	321
77.2	Requirements	322
77.3	Parameters	322
77.4	Notes	322
77.5	Examples	322
77.6	Return Values	323
77.7	Status	323
77.8	Authors	323
78	fmgr_voip_profile_obj – Configure VoIP profiles.	325
78.1	Synopsis	325
78.2	Requirements	326
78.3	Parameters	326
78.4	Notes	326
78.5	Examples	326
78.6	Return Values	327
78.7	Status	327
78.8	Authors	327
79	fmgr_waf_profile – Web application firewall configuration.	329
79.1	Synopsis	329
79.2	Requirements	330
79.3	Parameters	330
79.4	Notes	330
79.5	Examples	330
79.6	Return Values	331
79.7	Status	331
79.8	Authors	331
80	fmgr_waf_profile_obj – Web application firewall configuration.	333
80.1	Synopsis	333
80.2	Requirements	334
80.3	Parameters	334
80.4	Notes	334
80.5	Examples	334
80.6	Return Values	335
80.7	Status	335
80.8	Authors	335
81	fmgr_wanopt_profile – Configure WAN optimization profiles.	337
81.1	Synopsis	337
81.2	Requirements	338
81.3	Parameters	338
81.4	Notes	338

81.5	Examples	338
81.6	Return Values	339
81.7	Status	339
81.8	Authors	339
82	fmgr_wanopt_profile_obj – Configure WAN optimization profiles.	341
82.1	Synopsis	341
82.2	Requirements	342
82.3	Parameters	342
82.4	Notes	342
82.5	Examples	342
82.6	Return Values	343
82.7	Status	343
82.8	Authors	343
83	fmgr_webfilter_profile – Configure Web filter profiles.	345
83.1	Synopsis	345
83.2	Requirements	346
83.3	Parameters	346
83.4	Notes	346
83.5	Examples	346
83.6	Return Values	347
83.7	Status	348
83.8	Authors	348
84	fmgr_webfilter_profile_obj – Configure Web filter profiles.	349
84.1	Synopsis	349
84.2	Requirements	350
84.3	Parameters	350
84.4	Notes	350
84.5	Examples	350
84.6	Return Values	351
84.7	Status	351
84.8	Authors	352
85	fmgr_webproxy_profile – Configure web proxy profiles.	353
85.1	Synopsis	353
85.2	Requirements	354
85.3	Parameters	354
85.4	Notes	354
85.5	Examples	354
85.6	Return Values	355
85.7	Status	355
85.8	Authors	355
86	fmgr_webproxy_profile_obj – Configure web proxy profiles.	357
86.1	Synopsis	357
86.2	Requirements	358
86.3	Parameters	358
86.4	Notes	358
86.5	Examples	358
86.6	Return Values	359
86.7	Status	359
86.8	Authors	359

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
-

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:
        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]>
                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]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
        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]>
              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]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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]>
                application:
                  - <value of integer>
                behavior:
                  - <value of string>
                category: <value of string>
```

(continues on next page)

(continued from previous page)

```

    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:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
    -
        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>

```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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]>
              application:
                - <value of integer>
              behavior:
                - <value of string>
              category: <value of string>
```

(continues on next page)

(continued from previous page)

```

    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:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      list: <value of string>
    params:
    -
      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
-

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:
      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:
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          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
-

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:
      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:
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        data:
          certificate: <value of string>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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:
    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]>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        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>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
        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:
        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]>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
      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:
      method: <value in [set, update]>
      url_params:
        adom: <value in [none, global, custom dom]>
        devprof: <value of string>
      params:
        -
          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>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        data:
          ntpserver:
            -
              authentication: <value in [disable, enable]>
              id: <value of integer>
              key:
```

(continues on next page)

(continued from previous page)

```
- <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
-

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:
        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]>
                    host-type: <value in [any, query, trap]>
                    id: <value of integer>
                    ip: <value of string>
                    source-ip: <value of string>
                hosts6:
```

(continues on next page)

(continued from previous page)

```

-
    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:
    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
-

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:
    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]>
              host-type: <value in [any, query, trap]>
              id: <value of integer>
              ip: <value of string>
              source-ip: <value of string>
          hosts6:
```

(continues on next page)

(continued from previous page)

```

-
    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:
    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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      devprof: <value of string>
    params:
      -
        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
-

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:
      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>
              priv-proto: <value in [aes, des, aes256, ...]>
              priv-pwd:
                - <value of string>
              queries: <value in [disable, enable]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
      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>
            priv-proto: <value in [aes, des, aes256, ...]>
            priv-pwd:
              - <value of string>
            queries: <value in [disable, enable]>
```

(continues on next page)

(continued from previous page)

```

    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:
    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
-

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:
    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>
            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]>
```

(continues on next page)

(continued from previous page)

```

- name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE
  fmgr_dnsfilter_profile:
    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
-

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:
    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>
          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]>
```

(continues on next page)

(continued from previous page)

```
- name: REQUESTING /PM/CONFIG/OBJ/DNSFILTER/PROFILE/{PROFILE}
  fmgr_dnsfilter_profile_obj:
    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
-

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:
    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>
            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, ...]>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
        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
-

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:
        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
-

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:
        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
-

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:
        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:
              - <value of string>
            option: <value in [count, object member, syntax]>
            range:
              - <value of integer>
            sortings:
```

(continues on next page)

(continued from previous page)

```

-
    varidic.attr_name: <value in [1, -1]>
- name: REQUESTING /DVMDDB/DEVICE
  fmgr_dvmdb_device:
    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] default:
↪ 'unknown'>
            conn_mode: <value in [active, passive] default: 'passive'>
            conn_status: <value in [UNKNOWN, up, down] default: 'UNKNOWN'>
            db_status: <value in [unknown, nomod, mod] default: 'unknown'>
            desc: <value of string>
            dev_status: <value in [none, unknown, checkedin, ...] default:
↪ 'unknown'>
            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] default: 'disable'>
            foslic_inst_time: <value of integer>
            foslic_last_sync: <value of integer>
            foslic_ram: <value of integer>
            foslic_type: <value in [temporary, trial, regular, ...] default:
↪ 'temporary'>
            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, ...] default: 'standalone
↪ '>
            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>

```

(continues on next page)

(continued from previous page)

```

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 default: 10>
meta_fields: <value of string>
mgmt_id: <value of integer>
mgmt_if: <value of string>
mgmt_mode: <value in [unreg, fmg, faz, ...] default: 'unreg'>
mgt_vdom: <value of string>
mr: <value of integer default: -1>
name: <value of string>
os_type: <value in [unknown, fos, fsw, ...] default: 'unknown'>
os_ver: <value in [unknown, 0.0, 1.0, ...] default: 'unknown'>
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] default: 'nat'>
    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
-

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:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
          device: <value of string>
        params:
          -
            option: <value in [object member, chksum]>

    - name: REQUESTING /DVMDb/DEVICE/{DEVICE}
      fmgr_dvmdb_device_obj:
        method: <value in [set, update]>
        url_params:
          adom: <value in [none, global, custom dom]>
          device: <value of string>
        params:
          -
            data:
              adm_pass:
```

(continues on next page)

(continued from previous page)

```

    - <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] default: 'unknown'
    conn_mode: <value in [active, passive] default: 'passive'>
    conn_status: <value in [UNKNOWN, up, down] default: 'UNKNOWN'>
    db_status: <value in [unknown, nomod, mod] default: 'unknown'>
    desc: <value of string>
    dev_status: <value in [none, unknown, checkedin, ...] default:
    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] default: 'disable'>
    foslic_inst_time: <value of integer>
    foslic_last_sync: <value of integer>
    foslic_ram: <value of integer>
    foslic_type: <value in [temporary, trial, regular, ...] default:
    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, ...] default: 'standalone'>
    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>
    maxvdom: <value of integer default: 10>
    meta_fields: <value of string>
    mgmt_id: <value of integer>
    mgmt_if: <value of string>
    mgmt_mode: <value in [unreg, fmg, faz, ...] default: 'unreg'>

```

(continues on next page)

(continued from previous page)

```
mgt_vdom: <value of string>
mr: <value of integer default: -1>
name: <value of string>
os_type: <value in [unknown, fos, fsw, ...] default: 'unknown'>
os_ver: <value in [unknown, 0.0, 1.0, ...] default: 'unknown'>
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] default: 'nat'>
    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
-

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:
    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, ...] default: 'unknown'>
            type: <value in [normal, default, auto] default: 'normal'>

- name: REQUESTING /DVMDB/GROUP
  fmgr_dvmdb_group:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
```

(continues on next page)

(continued from previous page)

```

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
-

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 /DVMDb/Group/{GROUP}
      fmgr_dvmdb_group_obj:
        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 /DVMDb/Group/{GROUP}
      fmgr_dvmdb_group_obj:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
          group: <value of string>
        params:
```

(continues on next page)

(continued from previous page)

```

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

- name: REQUESTING /DVMDDB/GROUP/{GROUP}
  fmgr_dvmdb_group_obj:
    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, ...] default: 'unknown'>
          type: <value in [normal, default, auto] default: 'normal'>

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

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:
    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] default: 'unknown'>
            filter_osver: <value in [unknown, 4.00, 5.00] default: 'unknown'>
            filter_platform: <value of string>
            filter_serial: <value of string>
            modification_time: <value of string>
            name: <value of string>
```

(continues on next page)

(continued from previous page)

```

        script_schedule:
            -
                datetime: <value of string>
                day_of_week: <value in [unknown, sun, mon, ...] default:
→ 'sun'>

                device: <value of integer>
                name: <value of string>
                run_on_db: <value in [disable, enable] default: 'disable'>
                type: <value in [auto, onetime, daily, ...]>
                target: <value in [device_database, remote_device, adom_database]_
→ default: 'device_database'>
                type: <value in [cli, tcl, cligrp]>

- name: REQUESTING /DVMDDB/SCRIPT
  fmgr_dvmdb_script:
    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
-

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 /DVMDDB/SCRIPT/EXECUTE
      fmgr_dvmdb_script_execute:
        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
-

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 /DVMDb/SCRIPT/{SCRIPT}
      fmgr_dvmdb_script_obj:
        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 /DVMDb/SCRIPT/{SCRIPT}
      fmgr_dvmdb_script_obj:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
          script: <value of string>
        params:
```

(continues on next page)

(continued from previous page)

```

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

- name: REQUESTING /DVMDDB/SCRIPT/{SCRIPT}
  fmgr_dvmdb_script_obj:
    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] default: 'unknown'>
          filter_osver: <value in [unknown, 4.00, 5.00] default: 'unknown'>
          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, ...] default: 'sun'>
              device: <value of integer>
              name: <value of string>
              run_on_db: <value in [disable, enable] default: 'disable'>
              type: <value in [auto, onetime, daily, ...]>
              target: <value in [device_database, remote_device, adom_database]_
↪default: 'device_database'>
              type: <value in [cli, tcl, cligrp]>

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

```

(continues on next page)

(continued from previous page)

```
-  
  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
-

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:
    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>
            dynamic_mapping:
              -
                _scope:
                  -
                    name: <value of string>
```

(continues on next page)

(continued from previous page)

```

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

```

(continues on next page)

(continued from previous page)

```
        wildcard: <value of string>
        wildcard-fqdn: <value of string>
-   name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS
    fmgr_firewall_address:
        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
-

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:
    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:
                  -
                    name: <value of string>
                    vdom: <value of string>
                    cache-ttl: <value of integer>
                    color: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
    -
      attr: <value of string>
      fields:
      -
        - <value in [cache-ttl, color, comment, ...]>
      filter:
      - <value of string>
    get_used: <value of integer>
    loadsub: <value of integer>

```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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:
                -
                  name: <value of string>
                  vdom: <value of string>
                  cache-ttl: <value of integer>
                  color: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      address6: <value of string>
    params:
    -
      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
-

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:
    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>
          dynamic_mapping:
            -
              _scope:
                -
                  name: <value of string>
```

(continues on next page)

(continued from previous page)

```

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

```

(continues on next page)

(continued from previous page)

```
        wildcard: <value of string>
        wildcard-fqdn: <value of string>
-   name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/ADDRESS/{ADDRESS}
    fmgr_firewall_address_obj:
        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
-

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:
        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:
                      -
                        name: <value of string>
                        vdom: <value of string>
                        allow-routing: <value in [disable, enable]>
                        color: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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:
                  -
                    name: <value of string>
                    vdom: <value of string>
                    color: <value of integer>
                    comment: <value of string>
                    member: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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:
                -
                  name: <value of string>
                  vdom: <value of string>
                  color: <value of integer>
                  comment: <value of string>
                  member: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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:
                -
                  name: <value of string>
                  vdom: <value of string>
                  allow-routing: <value in [disable, enable]>
                  color: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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

(continues on next page)

(continued from previous page)

```

        name: <value of string>
        startip: <value of string>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6
  fmgr_firewall_ippool6:
    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
-

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

(continues on next page)

(continued from previous page)

```

        name: <value of string>
        startip: <value of string>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/IPPOOL6/{IPPOOL6}
  fmgr_firewall_ippool6_obj:
    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
-

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

(continues on next page)

(continued from previous page)

```

    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:
    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
-

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:
        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>
                subnet: <value of string>
                tagging:
                  -
                    category: <value of string>
                    name: <value of string>
```

(continues on next page)

(continued from previous page)

```

        tags:
            - <value of string>
        type: <value in [multicastrange, broadcastmask]>
        visibility: <value in [disable, enable]>
- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/MULTICAST-ADDRESS
  fmgr_firewall_multicastaddress:
    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
-

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:
    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>
          subnet: <value of string>
          tagging:
            -
              category: <value of string>
              name: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
        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>
                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>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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>
          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>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
        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:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            attr: <value of string>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      category: <value of string>
    params:
      -
```

(continues on next page)

(continued from previous page)

```

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

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

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:
    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>
            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, ...]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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>
          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, ...]>
```

(continues on next page)

(continued from previous page)

```

    icmpcode: <value of integer>
    icmpype: <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:
    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:
    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
-

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:
        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]>

    - name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP
      fmgr_firewall_service_group:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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]>

- name: REQUESTING /PM/CONFIG/OBJ/FIREWALL/SERVICE/GROUP/{GROUP}
  fmgr_firewall_service_group_obj:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
```

(continues on next page)

(continued from previous page)

```
    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
-

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:
    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>
            server-cert-mode: <value in [re-sign, replace]>
            ssl-anomalies-log: <value in [disable, enable]>
            ssl-exempt:
              -
                address: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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>
          server-cert-mode: <value in [re-sign, replace]>
          ssl-anomalies-log: <value in [disable, enable]>
          ssl-exempt:
            -
              address: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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:
              -
                _scope:
                  -
                    name: <value of string>
                    vdom: <value of string>
                    arp-reply: <value in [disable, enable]>
```

(continues on next page)

(continued from previous page)

```

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, ...]>
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:
    -

```

(continues on next page)

(continued from previous page)

```

        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>
        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]>

```

(continues on next page)

(continued from previous page)

```

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>
        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]>

```

(continues on next page)

(continued from previous page)

```

        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:
    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>
        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
-

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:
    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:
            -
              _scope:
                -
                  name: <value of string>
                  vdom: <value of string>
                  arp-reply: <value in [disable, enable]>
```

(continues on next page)

(continued from previous page)

```

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 [l-to-l, 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:
      - <value of string>
    ssl-algorithm: <value in [high, medium, low, ...]>
    ssl-certificate: <value of string>
    ssl-cipher-suites:
      -

```

(continues on next page)

(continued from previous page)

```

        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>
        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]>

```

(continues on next page)

(continued from previous page)

```

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>
        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>

```

(continues on next page)

(continued from previous page)

```

    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:
    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:
    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
-

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:
    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:
                  - <value of string>
                exempt-ip:
                  -
                    dst-ip: <value of string>
                    id: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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>
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]>

```

(continues on next page)

(continued from previous page)

```
        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:
    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
-

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:
    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:
                - <value of string>
              exempt-ip:
                -
                  dst-ip: <value of string>
                  id: <value of integer>
```

(continues on next page)

(continued from previous page)

```

        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>
            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]>

```

(continues on next page)

(continued from previous page)

```
        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:
    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
-

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:
      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>
              block-notification: <value in [disable, enable]>
              captive-portal-exempt: <value in [disable, enable]>
              capture-packet: <value in [disable, enable]>
              comments: <value of string>
```

(continues on next page)

(continued from previous page)

```

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>
poolname: <value of string>
profile-group: <value of string>
profile-protocol-options: <value of string>
profile-type: <value in [single, group]>

```

(continues on next page)

(continued from previous page)

```

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

```

(continues on next page)

(continued from previous page)

```

        wssso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY
  fmgr_pkg_firewall_policy:
    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
-

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:
      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>
            block-notification: <value in [disable, enable]>
            captive-portal-exempt: <value in [disable, enable]>
            capture-packet: <value in [disable, enable]>
            comments: <value of string>
```

(continues on next page)

(continued from previous page)

```

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>
poolname: <value of string>
profile-group: <value of string>
profile-protocol-options: <value of string>
profile-type: <value in [single, group]>

```

(continues on next page)

(continued from previous page)

```

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

```

(continues on next page)

(continued from previous page)

```

        wssso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    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:
    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:
    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:
    method: <value in [set]>
    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]>

```

(continues on next page)

(continued from previous page)

```

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, ...]>
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]>

```

(continues on next page)

(continued from previous page)

```

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:
-
    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>

```

(continues on next page)

(continued from previous page)

```
    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>
    wssso: <value in [disable, enable]>

- name: REQUESTING /PM/CONFIG/PKG/{PKG}/FIREWALL/POLICY/{POLICY}
  fmgr_pkg_firewall_policy_obj:
    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
-

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:
    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]>

- name: REQUESTING /PM/DEVPROF/ADOM/{ADOM}
  fmgr_pm_devprof_adom_obj:
    method: <value in [get]>
    url_params:
```

(continues on next page)

(continued from previous page)

```
    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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg_path: <value of string>
    params:
      -
        data:
          description: <value of string>
          enabled options:
            - <value in [none, dns, ntp, ...]>
```

(continues on next page)

(continued from previous page)

```
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
-

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

(continues on next page)

(continued from previous page)

```

        type: <value in [pkg, folder]>
- name: REQUESTING /PM/PKG/ADOM/{ADOM}
  fmgr_pm_pkg_adom_obj:
    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
-

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:
    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:
    method: <value in [set, update]>
    url_params:
      adom: <value in [none, global, custom dom]>
      pkg_path: <value of string>
    params:
      -
```

(continues on next page)

(continued from previous page)

```

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
-

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:
        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
-

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

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:
    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, ...]>
            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]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
        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, ...]>
              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]>
```

(continues on next page)

(continued from previous page)

```

    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:
    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
-

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:
    method: <value in [set, update]>
    params:
      -
        data:
          admin-lockout-duration: <value of integer default: 60>
          admin-lockout-threshold: <value of integer default: 3>
          adom-mode: <value in [normal, advanced] default: 'normal'>
          adom-rev-auto-delete: <value in [disable, by-revisions, by-days]>
          ↪default: 'by-revisions'>
          adom-rev-max-backup-revisions: <value of integer default: 5>
          adom-rev-max-days: <value of integer default: 30>
          adom-rev-max-revisions: <value of integer default: 120>
          adom-select: <value in [disable, enable] default: 'enable'>
          adom-status: <value in [disable, enable] default: 'disable'>
          clt-cert-req: <value in [disable, enable, optional] default: 'disable'
          ↪'>
          console-output: <value in [standard, more] default: 'standard'>
          country-flag: <value in [disable, enable] default: 'enable'>
          create-revision: <value in [disable, enable] default: 'disable'>
          daylightsavetime: <value in [disable, enable] default: 'enable'>
          default-disk-quota: <value of integer default: 1000>
          detect-unregistered-log-device: <value in [disable, enable] default:
          ↪'enable'>
```

(continues on next page)

(continued from previous page)

```

device-view-mode: <value in [regular, tree] default: 'regular'>
dh-params: <value in [1024, 1536, 2048, ...] default: '2048'>
disable-module:
  - <value in [fortiview-noc]>
enc-algorithm: <value in [low, medium, high] default: 'high'>
faz-status: <value in [disable, enable] default: 'disable'>
fgfm-local-cert: <value of string>
fgfm-ssl-protocol: <value in [sslsv3, tlsv1.0, tlsv1.1, ...] default:
↪ 'tlsv1.2'>

ha-member-auto-grouping: <value in [disable, enable] default: 'enable'
↪ '>

hitcount_concurrent: <value of integer default: 100>
hitcount_interval: <value of integer default: 300>
hostname: <value of string default: 'FMG-VM64'>
import-ignore-addr-cmt: <value in [disable, enable] default: 'disable'
↪ '>

language: <value in [english, simch, japanese, ...] default: 'english'
↪ '>

latitude: <value of string>
ldap-cache-timeout: <value of integer default: 86400>
ldapconntimeout: <value of integer default: 60000>
lock-preempt: <value in [disable, enable] default: 'disable'>
log-checksum: <value in [none, md5, md5-auth] default: 'none'>
log-forward-cache-size: <value of integer default: 0>
longitude: <value of string>
max-log-forward: <value of integer default: 5>
max-running-reports: <value of integer default: 1>
oftp-ssl-protocol: <value in [sslsv3, tlsv1.0, tlsv1.1, ...] default:
↪ 'tlsv1.2'>

partial-install: <value in [disable, enable] default: 'disable'>
partial-install-force: <value in [disable, enable] default: 'disable'
↪ '>

partial-install-rev: <value in [disable, enable] default: 'disable'>
perform-improve-by-ha: <value in [disable, enable] default: 'disable'
↪ '>

policy-hit-count: <value in [disable, enable] default: 'disable'>
policy-object-in-dual-pane: <value in [disable, enable] default:
↪ 'disable'>

pre-login-banner: <value in [disable, enable] default: 'disable'>
pre-login-banner-message: <value of string>
remoteauthtimeout: <value of integer default: 10>
search-all-adoms: <value in [disable, enable] default: 'disable'>
ssl-low-encryption: <value in [disable, enable] default: 'disable'>
ssl-protocol:
  - <value in [tlsv1.2, tlsv1.1, tlsv1.0, ...]>
ssl-static-key-ciphers: <value in [disable, enable] default: 'enable'
↪ '>

task-list-size: <value of integer default: 2000>
tftp: <value in [disable, enable] default: 'disable'>
timezone: <value in [00, 01, 02, ...] default: '04'>
tunnel-mtu: <value of integer default: 1500>
usg: <value in [disable, enable] default: 'disable'>
vdom-mirror: <value in [disable, enable] default: 'disable'>
webservice-proto:
  - <value in [tlsv1.2, tlsv1.1, tlsv1.0, ...]>
workflow-max-sessions: <value of integer default: 500>
workspace-mode: <value in [disabled, normal, workflow] default:
↪ 'disabled'>

```

(continues on next page)

(continued from previous page)

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
-

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:
      method: <value in [set, update]>
      params:
        -
          data:
            clusterid: <value of integer default: 1>
            file-quota: <value of integer default: 4096>
            hb-interval: <value of integer default: 5>
            hb-lost-threshold: <value of integer default: 3>
            mode: <value in [standalone, master, slave] default: 'standalone'>
            password:
              - <value of string default: 'ENC_
↪Njg3MTI2ODY4ODEyMzY2NtF8Bgn7rP641A/Sf8QzaQhOnUfyVTFTNoFxfoZ5gzjrvXiDpQmI...'>
            peer:
              -
                id: <value of integer default: 0>
                ip: <value of string default: '0.0.0.0'>
                ip6: <value of string default: ':::'>
                serial-number: <value of string>
                status: <value in [disable, enable] default: '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
-

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:
    method: <value in [add, set, update]>
    params:
      -
        data:
          -
            id: <value of integer default: 0>
            ip: <value of string default: '0.0.0.0'>
            ip6: <value of string default: '::'>
            serial-number: <value of string>
            status: <value in [disable, enable] default: 'enable'>

- name: REQUESTING /CLI/SYSTEM/HA/PEER
  fmgr_system_ha_peer:
    method: <value in [get]>
    params:
      -
        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
-

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:
      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 default: '0.0.0.0 0.0.0.0'>
              ipv6:
                ip6-address: <value of string default: '::/0'>
                ip6-allowaccess:
                  - <value in [ping, https, ssh, ...]>
                ip6-autoconf: <value in [disable, enable] default: 'enable'>
              mtu: <value of integer default: 1500>
              name: <value of string>
              serviceaccess:
                - <value in [fgtupdates, fclupdates, webfilter-antispam]>
              speed: <value in [auto, 10full, 10half, ...] default: 'auto'>
              status: <value in [down, up] default: 'up'>
```

(continues on next page)

(continued from previous page)

```
- name: REQUESTING /CLI/SYSTEM/INTERFACE
  fmgr_system_interface:
    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
-

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:
    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 default: '0.0.0.0 0.0.0.0'>
          ipv6:
            ip6-address: <value of string default: '::/0'>
            ip6-allowaccess:
              - <value in [ping, https, ssh, ...]>
            ip6-autoconf: <value in [disable, enable] default: 'enable'>
          mtu: <value of integer default: 1500>
          name: <value of string>
          serviceaccess:
            - <value in [fgtupdates, fclupdates, webfilter-antispam]>
          speed: <value in [auto, 10full, 10half, ...] default: 'auto'>
          status: <value in [down, up] default: '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
-

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:
        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:
              -
                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
-

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
-

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:
        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:
        method: <value in [get]>
        url_params:
          adom: <value in [none, global, custom dom]>
        params:
          -
            attr: <value of string>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
      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:
      method: <value in [get]>
      url_params:
        adom: <value in [none, global, custom dom]>
        profile: <value of string>
      params:
```

(continues on next page)

(continued from previous page)

–
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
-

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:
    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:
              -
                access-pattern:
                  -
                    id: <value of integer>
                    negate: <value in [disable, enable]>
                    pattern: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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:
            -
              access-pattern:
                -
                  id: <value of integer>
                  negate: <value in [disable, enable]>
                  pattern: <value of string>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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
  fmgr_wanopt_profile:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
    params:
```

(continues on next page)

(continued from previous page)

```

-
  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
-

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:
    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}
  fmgr_wanopt_profile_obj:
    method: <value in [get]>
    url_params:
      adom: <value in [none, global, custom dom]>
      profile: <value of string>
```

(continues on next page)

(continued from previous page)

```
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
-

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:
    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>
            options:
              - <value in [block-invalid-url, jscript, js, ...]>
            ovrd-perm:
              - <value in [bannedword-override, urlfilter-override,
↳fortiguard-wf-override, ...]>
```

(continues on next page)

(continued from previous page)

```

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

```

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
-

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:
        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>
              options:
                - <value in [block-invalid-url, jscript, js, ...]>
              ovr-d-perm:
                - <value in [bannedword-override, urlfilter-override, fortiguard-
↪wf-override, ...]>
```

(continues on next page)

(continued from previous page)

```

    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:
    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
-

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:
    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]>
            header-x-forwarded-for: <value in [pass, add, remove]>
            headers:
              -
                action: <value in [add-to-request, add-to-response, remove-
↳ from-request, ...]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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
-

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:
    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]>
          header-x-forwarded-for: <value in [pass, add, remove]>
          headers:
            -
              action: <value in [add-to-request, add-to-response, remove-
↪from-request, ...]>
```

(continues on next page)

(continued from previous page)

```

        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:
    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

- `genindex`
- `modindex`
- `search`