

How To Enable SNMP On FirePower Using FDM

1. Log into FDM and then click on the Device section at the top of the page.
2. Click on View Configuration under Advanced Configuration at the bottom of the page.
3. Click on FlexConfig Objects on the left-hand side of the page.
4. Click + in the top right of the page to add a new FlexConfig Object.
 - a. Give your object a name, such as SNMPSetup
 - b. *optional* Give your object a description
 - c. Edit the following code so that the INTERFACENAME, POLLINGDEVICEDEVICEIP, READONLYCOMMUNITYSTRING and SNMPVERSION sections are replaced with the appropriate values for your network
 - i. NOTE: If you will be polling the device using multiple IPs, you'll want to duplicate the line starting with snmp-server host and change the POLLINGDEVICEIP to that device's IP.

```
snmp-server enable
snmp-server host INTERFACENAME POLLINGDEVICEIP poll community READONLYCOMMUNITYSTRING version
SNMPVERSION
snmp-server contact CONTACTNAME
snmp-server location LOCATIONNAME
snmp-server community READONLYCOMMUNITYSTRING
```

- d. Copy & paste your code into the Template section
- e. Edit the following code so that the INTERFACENAME, DEVICE1IP, READONLYCOMMUNITYSTRING and SNMPVERSION sections are replaced with the appropriate values for your network
 - i. NOTE: If you will be polling the device using multiple IPs, you'll want to duplicate the line starting with snmp-server host and change the POLLINGDEVICEIP to that device's IP.

```
no snmp-server host INTERFACENAME DEVICE1IP poll community READONLYCOMMUNITYSTRING version
SNMPVERSION
no snmp-server contact CONTACTNAME
no snmp-server location LOCATIONNAME
no snmp-server community READONLYCOMMUNITYSTRING
no snmp-server enable
```

- a. Copy & paste your code into the Negate Template section
- f. Click OK

Sample FlexConfig Object for SNMP:

Edit FlexConfig Object

Name
SNMPSetup

Description
SNMP Configuration

Variables
There are no variables yet.
Start with adding a new variable.
[+ ADD VARIABLE](#)

Template [Expand](#) [Reset](#)

```
1 snmp-server enable
2 snmp-server host inside_2 192.168.1.10 poll community public version 2c
3 snmp-server host inside_2 192.168.1.195 poll community public version 2c
4 snmp-server contact Dave Bush
5 snmp-server location Castle Dave
6 snmp-server community public
```

Negate Template [Expand](#) [Reset](#)

```
1 no snmp-server host inside_2 192.168.1.10 poll community public version
2c
2 no snmp-server host inside_2 192.168.1.195 poll community public version
2c
3 no snmp-server contact Dave Bush
4 no snmp-server location Castle Dave
5 no snmp-server community public
6 no snmp-server enable
```

[CANCEL](#) [OK](#)

5. Click on FlexConfig Policy on the left-hand side.
6. Click + under Group List
7. Select the SNMP config you created above and then click OK.
8. You should see the config for SNMP in the Preview window, as well as any other FlexConfig Objects you have selected.

Sample FlexConfig Policy Preview:

Firepower Device Manager | MONITORING | POLICIES | OBJECTS | DEVICE: CASTLE-DAVE-... | admin Administrator

Advanced Configuration | Smart CLI | Objects | Routing | FlexConfig | FlexConfig Objects | FlexConfig Policy

Device Summary

FlexConfig Policy

Group List


- 1: Netflow
- 2: SNMPSetup

[SAVE](#)

Preview

```
1 flow-export destination inside_2 192.168.1.13 2055
2 flow-export template timeout-rate 5
3 flow-export active refresh-interval 1
4 no flow-export delay flow-create 1
5 !
6 policy-map global_policy
7 class class-default
8 flow-export event-type all destination 192.168.1.13
9 snmp-server enable
10 snmp-server host inside_2 192.168.1.10 poll community
11 public version 2c
12 snmp-server host inside_2 192.168.1.195 poll community
13 public version 2c
14 snmp-server contact Dave Bush
15 snmp-server location Castle Dave
16 snmp-server community public
```

9. Click SAVE

Click the  icon at the top of the screen, and deploy your changes.