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
```
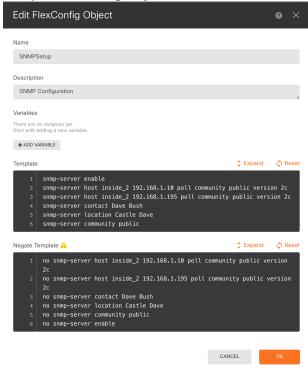
   d. Copy & paste your code into the Template section
   e. Edit the following code so that the INTERFACENAME, DEVICE1IP, READONLYCOMMUNITYSTRING and SNMPVERSION sections are replaced with the appropriate values for your network
      i. NOTE: If you will be polling the device using multiple IPs, you'll 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
```
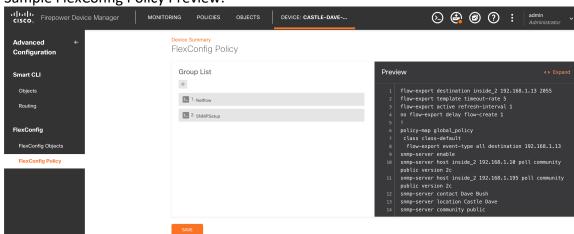
   a. Copy & paste your code into the Negate Template section
   f. Click OK

Sample FlexConfig Object for SNMP:

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:

9. Click SAVE

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