

Firepower 6.3 New Feature FMC CLI

Introduction:

The Firepower Management Center CLI is available only when a user with the Admin user role has enabled it:

- **By default, the CLI is not enabled**, and users who log into the Firepower Management Center using CLI/shell accounts have direct access to the appliance shell.
- When the CLI is enabled, users who log in the Firepower Management Center using shell/CLI accounts have access to the CLI and must use the expert command to access the appliance shell.

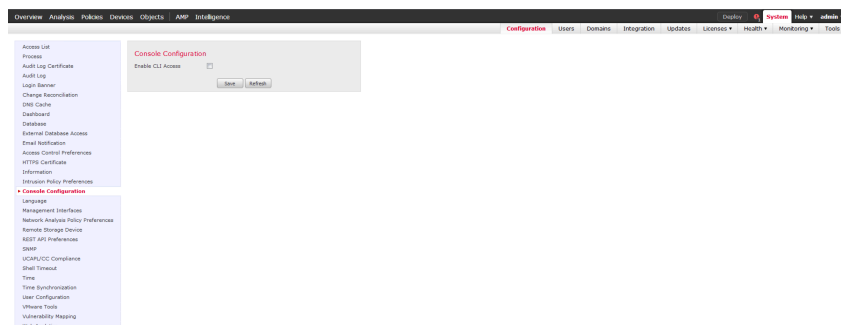
Configuration Guide & Example:

Step 1 Choose **System > Configuration**.

Step 2 Click **Console Configuration**.

Step 3 To enable or disable the Firepower Management Center CLI check or uncheck the **Enable CLI Access** checkbox.

Step 4 Click **Save**.



when the FMC CLI is disabled, you will get prompt similar as **"admin@firepower:~\$"**:

```
10.75.62.102 - PuTTY
login as: admin
Using keyboard-interactive authentication.
Password:
Last login: Sat Jan 12 08:39:12 2019 from 10.75.62.101

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Cisco Fire Linux OS v6.3.0 (build 21)
Cisco Firepower Management Center for VMware v6.3.0 (build 83)

admin@firepower:~$
```

When the FMC CLI is enabled, you will get prompt similar as "**>**":

```

10.75.62.102 - PuTTY
login as: admin
Using keyboard-interactive authentication.
Password:
Last login: Sat Jan 12 08:37:20 2019 from 10.75.62.101

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Cisco Fire Linux OS v6.3.0 (build 21)
Cisco Firepower Management Center for VMWare v6.3.0 (build 83)

>
>

```

supported command list:

- exit
- expert
- ?
- show version
- configure password
- system generate-troubleshoot
- system lockdown
- system reboot
- system restart
- system shutdown

Use Case:

Use Case 1 : access the Expert mode

```

> expert
admin@firepower:~$ exit
logout
>

```

Use Case 2: Check the FMC version via CLI

```

> show version
-----[ firepower ]-----
Model          : Cisco Firepower Management Center for VMWare (66) Version 6.3.0
(Build 83)
UUID           : 734927f4-12f7-11e9-89b6-700654a56748

```

Rules update version : 2018-08-23-001-vrt
 VDB version : 299

Use case 3: Change the FMC password

```
> configure password
Changing password for admin.
(current) UNIX password:
New UNIX password:
```

Use case 4: Generate troubleshooting file easily for now

```
> system generate-troubleshoot
One or more subset options required. Displaying list of options:
ALL - Run ALL Of The Following Options
SNT - Snort Performance and Configuration
PER - Hardware Performance and Logs
SYS - System Configuration, Policy, and Logs
DES - Detection Configuration, Policy, and Logs
NET - Interface and Network Related Data
VDB - Discovery, Awareness, VDB Data, and Logs
UPG - Upgrade Data and Logs
DBO - All Database Data
LOG - All Log Data
NMP - Network Map Information
> system generate-troubleshoot ALL
Starting /usr/local/sf/bin/sf_troubleshoot.pl...
Please, be patient. This may take several minutes.
The troubleshoot option code specified is ALL.
getting filenames from [/usr/local/sf/etc/db_updates/index]
getting filenames from [/usr/local/sf/etc/db_updates/base-6.3.0]
Troubleshooting information successfully created at /var/common/results-01-12-20
19--85616.tar.gz
```

if you are using FMC pre-6.3, you need to follow this step to get the troubleshooting file:

Enter this command on the Firepower Management Center in order to generate a troubleshoot file:

```
admin@FMC:~$ sudo sf_troubleshoot.pl
```

```
Starting /usr/local/sf/bin/sf_troubleshoot.pl...
Please, be patient. This may take several minutes.
Troubleshooting information successfully created at /var/common/xxxxxx.tar.gz
```

Use case 5: system lockdown/reboot/restart/shutdown

> system

lockdown	Remove access to bash shell
reboot	Reboot the device
restart	Restart the device
shutdown	Shutdown the device