

# Download Files from FMC and FTD

## Contents

[Introduction](#)

[Prerequisites](#)

[Requirements](#)

[Components Used](#)

[Copy Files](#)

[Copy File from FTD to FMC](#)

[Copy Files from FMC to Local Machine](#)

[Use SCP to Copy](#)

[Download from GUI](#)

## Introduction

This document describes how to download log files from Cisco Firepower Management Center (FMC) and Firepower Threat Defense (FTD) to a local computer.

## Prerequisites

### Requirements

Cisco recommends that you have knowledge of these topics:

- Cisco Firepower device
- Virtual device models

### Components Used

This document is not restricted to specific software and hardware versions.

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

## Copy Files

### Copy File from FTD to FMC

There is a Secure Copy Protocol (SCP) server on FMC, therefore, the files can be moved from FTD to FMC.

```
root@FMC:~$ scp admin@<FTD ip>:<path to file> <path to local directory where to store>
```

A common example is to move the core file(s) from FTD to the FMC.

On the FTD:

```
root@ciscoasa:/ngfw/var/common# ls -l
total 1557960
-rw-r--r-- 1 root root 23231 Sep 6 03:43 core_1482327396_Firepower-module1_snort_6
-rw----- 1 root root 560128000 Apr 26 01:47 core_1556242979_ciscoasa_snort_6.8777
-rw----- 1 root root 383381504 Aug 25 23:05 core_1566774281_ciscoasa_snort_11.31618
-rw----- 1 root root 69562368 Aug 25 23:05 core_1566774281_ciscoasa_snort_11.31620
-rw----- 1 root root 465424384 Aug 28 02:21 core_1566958444_ciscoasa_snort_6.18352
-rw----- 1 root root 116887552 Aug 28 02:18 core_1566958688_ciscoasa_snort_6.18340
-rw----- 1 root root 52338688 Aug 28 02:18 core_1566958689_ciscoasa_snort_6.18341
-rw----- 1 root root 465514496 Sep 2 02:20 core_1567390346_ciscoasa_snort_6.27631
-rw----- 1 root root 151572480 Sep 2 02:17 core_1567390618_ciscoasa_snort_6.27435
```

Now, transfer the file to the FMC:

```
root@FMC:/Volume/home/admin# scp admin@10.10.10.10:/ngfw/var/common/core_1567390618_ciscoasa_snort_6.27435
```

---

**Note:** Add -v for verbose logging on the scp command to troubleshoot further.

---

## Copy Files from FMC to Local Machine

### Use SCP to Copy

There is a Secure Copy Protocol (SCP) server on FMC, and it uses the files that can be moved from FMC to another device.

```
root@FMC:~$ scp <path to local directory where to store> admin@<FMC ip>:<path to file>
```

A common is to move the corefiles from the FMC to local Desktop:

```
root@localMachine:/Volume/home/admin# scp admin@10.10.10.20:/var/common/core_1567390618_ciscoasa_snort_6.27435
```

A popular tool [WInSCP](#) is often used on Windows. This tool provides a GUI based interface.

In FMC 6.4 and above, SCP to the FMC is not possible directly. For that, the following is needed(the below command is needed to be run on the FMC):

```
root@FMC:/Volume/home/admin# usermod --shell /bin/bash admin
```

After this SCP to the FMC will work. Once done, please remember to rollback:

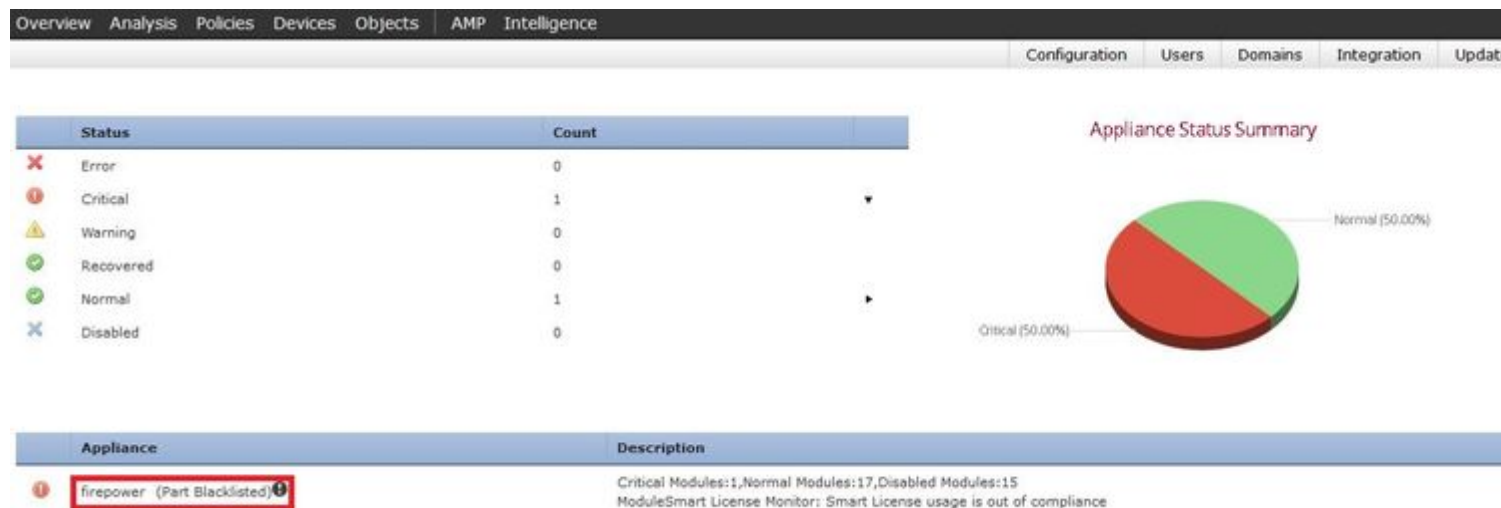
```
root@FMC:/Volume/home/admin# usermod --shell /usr/bin/clish admin
```

## Download from GUI

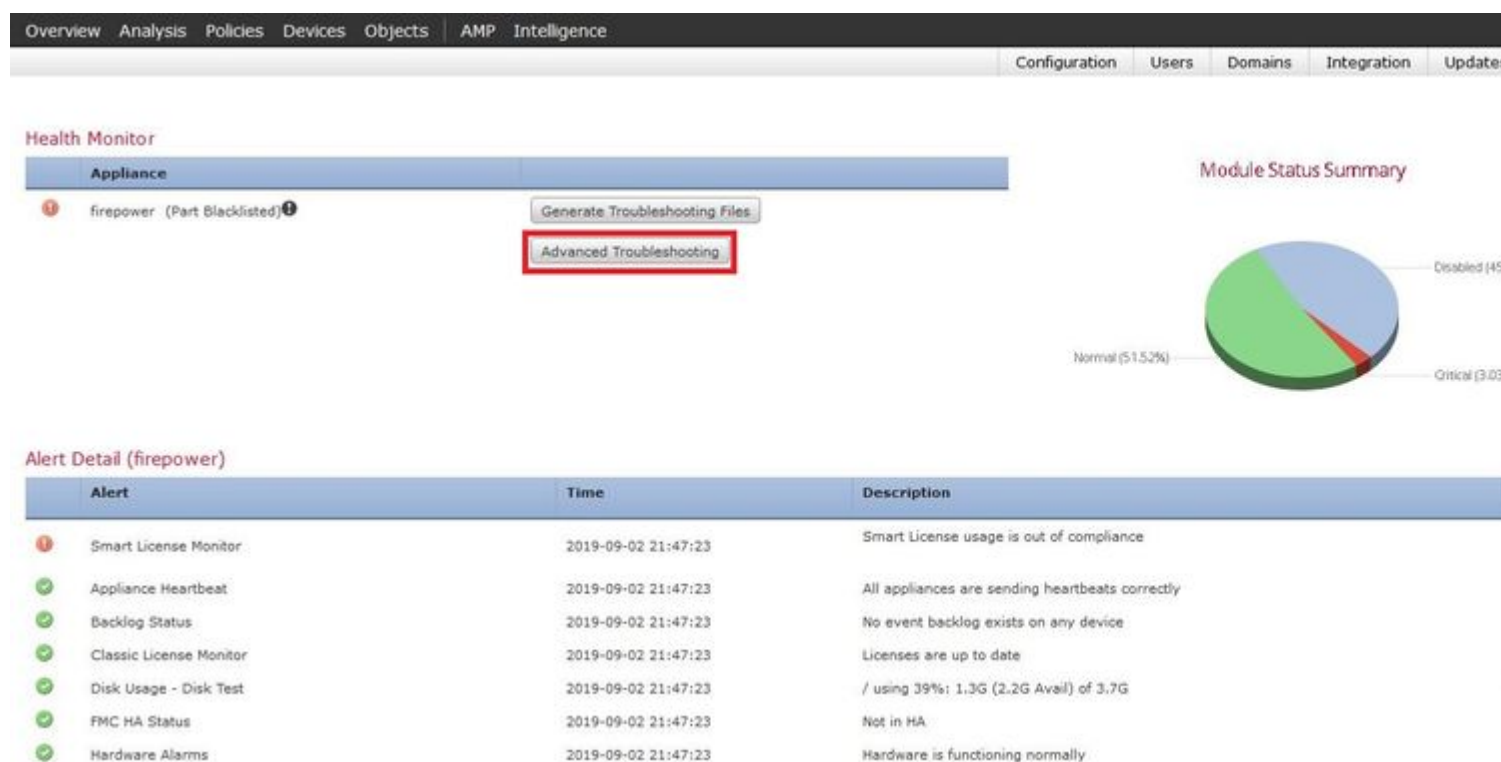
The files which are present **/var/common** can be downloaded from the GUI.

If there are any file(s) and/or tcpdump generated on the FMC, please move to **/var/common**, so that it can

Step 1. Navigate to **System > Health > Monitor** and **click** the sensor from which the file needs to be downloaded, as shown in the image:



Step 2. Navigate to **System > Health > Monitor** and **click** Advanced Troubleshooting, as shown in the image:



Step 3. Enter the filename and **click** download, as shown in the image:

The screenshot displays the Cisco Firepower Advanced Troubleshooting interface. The top navigation bar includes tabs for Overview, Analysis, Policies, Devices, Objects, AMP, and Intelligence. The main header shows 'Configuration', 'Users', 'Domains', 'Integration', and 'Updates'. The 'Advanced Troubleshooting' section is active, with a 'File Download' button highlighted in blue. Below this, a file download dialog is shown with the filename 'core\_1556148704\_FMC\_PerlMessageHand\_11.5976' entered in the text field. The 'Download' button is highlighted with a red box. Below the interface, a Firefox file download dialog is shown with 'Save File' selected. To the right, a terminal window shows the file's presence in the directory.

File:

**Download** Back

Opening core\_1556148704\_FMC\_PerlMessageHand\_11.5976

You have chosen to open:

core\_1556148704\_FMC\_PerlMessageHand\_11.5976  
which is: Text Document  
from: https://fmc

What should Firefox do with this file?

☐ Open with Notepad (default)

☒ Save File

☐ Do this automatically for files like this from now on.

OK Cancel

```
admin@FMC:/var/common$ ls -lh
total 67M
-rw----- 1 root root 70M Apr 24 23:31 core_1556148704_FMC_PerlMessageHand_11.5976
admin@FMC:/var/common$
```