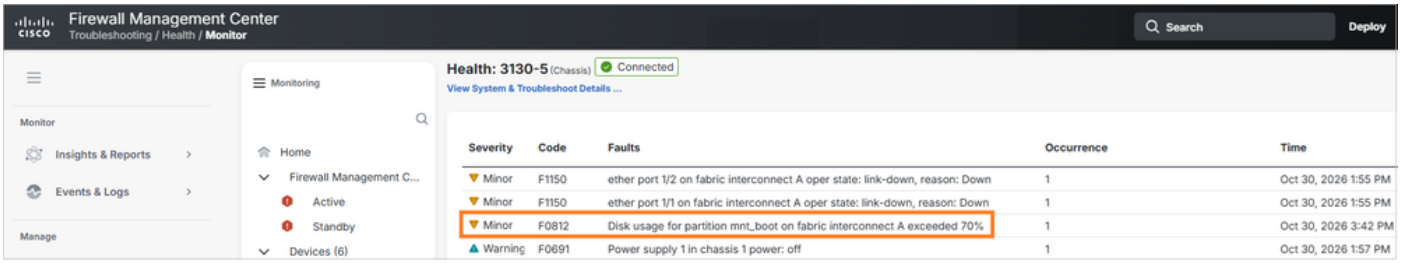
Troubleshoot Firewall Health Warning F0812 — "Disk usage for partition mnt_boot on fabric interconnect A exceeded 70%"

Contents

Issue

The Firewall Management Center (FMC) reports this health warning:



Firewall Threat Defense (FTD) command line verification shows fault F0812:

<#root>

```
firepower-3130#
```

show fault

```
Severity  Code     Last Transition Time     ID       Description
--------- -------- ----------------------- -------- -----------
Minor
```

F0812

```
2026-10-30T15:42:38.946     27669
```

Disk usage for partition mnt_boot on fabric interconnect A exceeded 70%

Environment

- FMC software version 10.1.0. Other software versions are also affected.
- FTD hardware 3130. Other hardware platforms can be also affected.
- FTD software version 7.6.4. Other software versions are also affected.

Resolution

On FTD, verify the storage size and usage percentage:

```
<#root>

firepower-3130#

scope fabric-interconnect


firepower-3130 /fabric-interconnect #

show storage



Storage on local flash drive of fabric interconnect:
    Mount Point              Size (MBytes)    Used Percentage
    ------------------------ ---------------- ---------------

    mnt_boot                 13981            89


    opt_cisco_config         921              1
    opt_cisco_csp            738735           4
    opt_cisco_platform_logs  920              8
    usbdrive                 Nothing          Empty
    var_data_cores           100808           Empty
```

Verify the downloaded software packages:

```
<#root>

firepower-3130#

scope firmware


firepower-3130 /firmware #
```

show package

```
Name                                         Package-Vers
-------------------------------------------- ------------
Cisco_FTD_SSP_FP3K_Patch-7.4.2.2-28.sh.REL.tar
                                             7.4.2.2-28
Cisco_FTD_SSP_FP3K_Upgrade-7.6.0-41.sh.REL.tar
                                             7.6.0-41
Cisco_FTD_SSP_FP3K_Upgrade-7.6.1-291.sh.REL.tar
                                             7.6.1-291
Cisco_FTD_SSP_FP3K_Upgrade-7.6.2-329.sh.REL.tar
                                             7.6.2-329
Cisco_FTD_SSP_FP3K_Upgrade-7.6.4-69.sh.REL.tar
                                             7.6.4-69
Cisco_FTD_SSP_FP3K_Upgrade-7.7.0-24.sh.REL.tar
                                             7.7.0-24
Cisco_FTD_SSP_FP3K_Upgrade-7.7.0-89.sh.REL.tar
                                             7.7.0-89
cisco-ftd-fp3k.7.2.8-25.SPA                  7.2.8-25
fxos-k8-fp3k-lfbff.2.14.1.167.SPA            2.14(1.167)
fxos-k9-fp3k.7.6.4.69.SPA                    7.6.4.69
```

Deleted old upgrade packages from the FTD storage:

<#root>

```
firepower-3130 /firmware #
```

delete package Cisco_FTD_SSP_FP3K_Upgrade-7.6.0-41.sh.REL.tar

```
firepower-3130 /firmware #
```

delete package Cisco_FTD_SSP_FP3K_Upgrade-7.6.1-291.sh.REL.tar

```
firepower-3130 /firmware #
```

delete package Cisco_FTD_SSP_FP3K_Upgrade-7.6.2-329.sh.REL.tar

```
firepower-3130 /firmware #
```

delete package fxos-k8-fp3k-lfbff.2.14.1.167.SPA

...

Warning: In case of FTD, do not delete the previous upgrade package while upgrade revert is available. When an FTD device is upgraded with Enable revert after successful upgrade, the revert reinstalls the previous version from the upgrade package of that version that is stored on the device. On Secure Firewall 200, 1000, 2100, 3100, 4200 and 6100 series devices, this package is listed in the FXOS CLI (**scope firmware > show package**) as: Cisco_FTD_SSP_<platform>_Upgrade-<previous-version>.sh.REL.tar. Although the package is not used by the running software, the revert depends on it. If it is deleted, the FTD revert fails. The FXOS CLI does not warn you when you delete this package. Before you delete any package with delete package, check on the FTD CLI whether a revert is still available (**show upgrade revert-info**). If a revert to that version is listed, keep the package until you no longer need the revert.

Verify again the storage usage:

<#root>

```
firepower-3130#
```

scope fabric-interconnect

```
firepower-3130 /fabric-interconnect #
```

show storage

```
Storage on local flash drive of fabric interconnect:
    Mount Point              Size (MBytes)    Used Percentage
    ------------------------ ---------------- ---------------
```

mnt_boot 13981 29

```
    opt_cisco_config         921              1
    opt_cisco_csp            738735           3
    opt_cisco_platform_logs  920              9
    usbdrive                 Nothing          Empty
    var_data_cores           100808           Empty
```

Note: If you try to delete an installed package you get an error.

<#root>

```
firepower-3130 /firmware #
```

delete package Cisco_FTD_SSP_FP3K_Upgrade-7.6.4-69.sh.REL.tar

```
Error: Update failed: [Image fxos-k8-fp3k-lfbff.2.16.1.147.SPA is currently installed or in use]
```

Cause

The root cause of the F0812 health warning is the accumulation of older image files under **/mnt/boot/**. These files are not automatically purged after a software upgrade, and each upgrade cycle adds additional image files to the partition. Over time the cumulative size of these retained files caused the **/mnt/boot/** partition on fabric interconnect A to exceed the 70% utilization threshold monitored by the FMC health policy, thereby triggering the Minor fault F0812.

Related Content

- Cisco Firepower Management Center — Generating Troubleshooting Files
- Cisco Technical Support & Downloads