



Monitoring Syslog Messages in Cisco UCS Manager

This chapter contains the following sections:

- [Monitoring Syslog Messages, page 1](#)
- [Syslog Messages to Monitor, page 1](#)

Monitoring Syslog Messages

Syslog messages contain the event code and fault code. To monitor syslog messages, you can define syslog message filters. The filters can parse the syslog messages based on the criteria you choose. You can use the following criteria to define a filter:

- By **event** or **fault** codes: Define a filter with a parsing rule to include only the specific codes that you intend to monitor. All messages that do not match these criteria will be discarded.
- By **severity** level: Define a filter with a parsing rule to monitor syslog messages with specific severity levels.

Refer to [Cisco UCS Manager Message Severity Terms and Codes](#) for more detail.

Syslog Messages to Monitor

The table below lists some syslog messages that you may want to monitor in Cisco UCS Manager:

Failure	Fault Type	Fault Code and Description
DIMM problems	equipment	F0185 - DIMM [id]/[id] on server [chassisId]/[slotId] operability: [operability]

Failure	Fault Type	Fault Code and Description
Equipment failures	equipment	<p>F0291 - Fabric Interconnect [id] operability: [operability]</p> <p>F0313 - Server [chassisId]/[slotId] (service profile: [assignedToDn]) BIOS failed power-on self test</p> <p>F0317 - Server [chassisId]/[slotId] (service profile: [assignedToDn]) health: [operability]</p> <p>F0373 - Fan [id] in Fan Module [id]/[tray]-[id] operability: [operability]Fan [id] in fabric interconnect [id] operability: [operability]Fan [id] in fex [id] operability: [operability]Fan [id] in server [id] operability: [operability]</p> <p>F0374 - Power supply [id] in chassis [id] operability: [operability]Power supply [id] in fabric interconnect [id] operability: [operability]Power supply [id] in fex [id] operability: [operability]Power supply [id] in server [id] operability: [operability]</p> <p>F0376 - [side] IOM [chassisId]/[id] ([switchId]) is removed</p> <p>F0404 - Chassis [id] has a mismatch between FRU identity reported by Fabric/IOM vs. FRU identity reported by CMC</p> <p>F0405 - [side] IOM [chassisId]/[id] ([switchId]) has a malformed FRU</p> <p>F0478 - [side] IOM [chassisId]/[id] ([switchId]) is inaccessible</p> <p>F0481 - [side] IOM [chassisId]/[id] ([switchId]) POST failure</p> <p>F0484 - Fan [id] in Fan Module [id]/[tray]-[id] speed: [perf]Fan [id] in fabric interconnect [id] speed: [perf]Fan [id] in server [id] speed: [perf]</p>

Failure	Fault Type	Fault Code and Description
Thermal problems	environment	<p>F0176/F0177 - Processor [id] on server [chassisId]/[slotId] temperature: [thermal]</p> <p>F0187/F0188 - DIMM [id]/[id] on server [chassisId]/[slotId] temperature: [thermal]</p> <p>F0312/F0313 - Server [chassisId]/[slotId] (service profile: [assignedToDn]) oper state: [operState]</p> <p>F0379 - [side] IOM [chassisId]/[id] ([switchId]) operState: [operState]</p> <p>F0382/F0384 - Fan module [id]/[tray]-[id] temperature: [thermal]Fan module [id]/[tray]-[id] temperature: [thermal]</p> <p>F0383/F0385 - Power supply [id] in chassis [id] temperature: [thermal]Power supply [id] in fabric interconnect [id] temperature:thermalPower supply [id] in server [id] temperature: [thermal]</p> <p>F0409/F0411 - Temperature on chassis [id] is [thermal]</p> <p>F0539/F0540 - IO Hub on server [chassisId]/[slotId] temperature: [thermal]</p>
Voltage problems	environment	<p>F0179/F0180 - Processor [id] on server [chassisId]/[slotId] voltage: [voltage]</p> <p>F0190/F0191 - Memory array [id] on server [chassisId]/[slotId] voltage: [voltage]</p> <p>F0389/F0391 - Power supply [id] in chassis [id] voltage: [voltage]Power supply [id] in fabric interconnect [id] voltage: [voltage]Power supply [id] in fex [id] voltage: [voltage]Power supply [id] in server [id] voltage: [voltage]</p> <p>F0425 - Possible loss of CMOS settings: CMOS battery voltage on server [chassisId]/[slotId] is [cmosVoltage]</p>
Power problems	environment	<p>F0310 - Motherboard of server [chassisId]/[slotId] (service profile: [assignedToDn]) power: [operPower]</p> <p>F0311 - Server [chassisId]/[slotId] (service profile: [assignedToDn]) oper state: [operState]</p> <p>F0369 - Power supply [id] in chassis [id] power: [power]Power supply [id] in fabric interconnect [id] power: [power]Power supply [id] in fex [id] power: [power]Power supply [id] in server [id] power: [power]</p> <p>F0408 - Power state on chassis [id] is [power]</p>

Failure	Fault Type	Fault Code and Description
HA Cluster failures	management	<p>F0293 - Fabric Interconnect [id], HA Cluster interconnect link failure</p> <p>F0294 - Fabric Interconnect [id], HA Cluster interconnect total link failure</p> <p>F0428 - Fabric Interconnect [id], election of primary managemt instance has failed</p> <p>F0429 - Fabric Interconnect [id], HA functionality not ready</p> <p>F0430 - Fabric Interconnect [id], management services, incompatible versions</p> <p>F0451 - Fabric Interconnect [id], management services have failed</p> <p>F0452 - Fabric Interconnect [id], management services are unresponsive</p>
Link failures	connectivity	<p>F0276 - [transport] port [portId] on chassis [id] oper state: [operState], reason: [stateQual][transport] port [portId] on fabric interconnect [id] oper state: [operState], reason: [stateQual]</p> <p>F0277 - [transport] port [portId] on chassis [id] oper state: [operState], reason: [stateQual][transport] port [portId] on fabric interconnect [id] oper state: [operState], reason: [stateQual]</p> <p>F0367 - No link between IOM port [chassisId]/[slotId]/[portId] and fabric interconnect [switchId]:[peerSlotId]/[peerPortId]</p>