



Monitoring Cisco IMC using Syslog

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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.

Syslog Messages to Monitor

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

Failure	Fault Type	Fault Code and Description
DIMM problems	equipment	F0185 - DIMM [id]/[id] on server [serverid] operability: [operability]
Equipment failures	equipment	F0313 - [Serverid] BIOS failed power-on self test Server [chassisId] BIOS failed power-on self test. F0374 - Power supply [id] in [serverid] operability: [operability] F0376 - IOCard [location] on [serverId] is removed.

Failure	Fault Type	Fault Code and Description
Thermal problems	environment	<p>F0176/F0177 - Processor [id] on [serverid] temperature:[thermal]</p> <p>F0187/F0188 - DIMM [location] on [serverid] temperature: [thermal]</p> <p>F0379 - IOCard [location] on server [id] operState: [operState]</p> <p>F0382/F0384 - Fan module [tray]-[id] in [serverid] temperature: [thermal]</p> <p>F0383/F0385 - Power supply [id] in [serverid] temperature: [thermal]</p> <p>F0409/F0411 - Thermal condition on [serverid] cause: [thermalStateQualifier]</p> <p>F0539/F0540 - IO Hub on [serverId] temperature: [thermal]</p>
Voltage problems	environment	<p>F0179/F0180 - Processor [id] on [serverId] voltage: [voltage]</p> <p>F0190/F0191 - Memory array [id] on [serverid] voltage: [voltage]</p> <p>F0389/F0391 - Power supply [id] in [serverid] voltage: [voltage]</p> <p>F0425 - CMOS battery voltage on [serverid] is [cmosVoltage]</p>
Power problems	environment	F0310 - Motherboard of [serverid] power: [operPower]