



Cisco: UCS PowerPack Release Notes

Version 107

Overview

Version 107 of the "Cisco: UCS" PowerPack includes multiple new alerts, updates to the "Cisco: UCS Chassis Power Stats" and "Cisco: UCS Fan Configuration" Dynamic Applications, and resolutions to several issues from the previous release.

- **Minimum Required Skylar One (SL1) Version:** 12.3.1

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Before You Install or Upgrade

Ensure that you are running version 12.3.1 or later of Skylar One before installing the "Cisco: UCS" PowerPack.

NOTE: For details on upgrading Skylar One, see the relevant [Skylar One Platform Release Notes](#).

Installation or Upgrade Process

To install version 107 of the "Cisco: UCS" PowerPack, perform the following steps:

TIP: By default, installing a new version of a PowerPack will overwrite all content in that PowerPack that has already been installed on the target system. You can use the **Enable Selective PowerPack Field Protection** setting in the **Behavior Settings** page (System > Settings > Behavior) to prevent the new version of the PowerPack from overwriting local changes for some commonly customized fields.

To install this PowerPack:

1. Familiarize yourself with the [Known Issues](#) for this release.
2. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 12.3.1 or later release.
3. Download the "Cisco: UCS" PowerPack version 107 from the Support Center to a local computer.

4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import Cisco: UCS version 107.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

See the manual *Monitoring Cisco UCS Manager* for instructions on using the new PowerPack.

Features

This release includes the following features:

- Dynamic Applications that enable Skylar One to discover, model, and monitor Cisco UCS Manager devices
- Event Policies that are triggered when Cisco UCS Manager component devices meet certain status criteria
- Device Classes for each type of Cisco UCS Manager component device monitored
- A sample credential for discovering Cisco UCS Manager component devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in this release:

- Updated the "Cisco: UCS Chassis Power Stats" Dynamic Application to raise the upper boundary of the "Watts High" threshold from 999 W to 9,999 W. Users with high-density chassis can now set a custom threshold override without encountering a range validation error. With this update, the default threshold value was increased to 2500 W.
- Updated the "Cisco: UCS Fan Configuration" Dynamic Application to no longer trigger the "Fan Not Operable" alert for fan slots reporting a state of "missing." Environments with unpopulated fan bays no longer generate false-positive fan alerts.

- Added new alerts to the following Dynamic Applications:
 - "Cisco: UCS Blade Configuration": Added an alert for when a blade's operational state is non-healthy and one for when it recovers.
 - "Cisco: UCS Cluster Information": Added an alert for when the UCS management services enter an unresponsive or degraded state and one for when it recovers.
 - "Cisco: UCS Fabric Configuration": Added an alert for when a Fabric Interconnect's operation state is non-healthy and another for when it recovers.
 - "Cisco: UCS Fabric Interfaces Configuration": Added an alert for when a Fibre Channel port goes down, including the port name, and one for when the port recovers.
 - "Cisco: UCS Fault Configuration": Added memory fault detection and certificate expiry alerting.
 - "Cisco: UCS Interface Configuration": Added an alert for when a host Ethernet adapter link goes down, including the name of the Network Interface Card (NIC), and another for when the link recovers.
- Updated the silo_netapp library to address an issue that caused errors during execution environment deployment in version 106. (Cases: 00603347, 00607723, 00637887, 00662352)
- Resolved an issue that mistakenly caused the "Cisco: UCS Blade Discovery" Dynamic Application to be read-only.

Known Issues

The following known issues affect version 107 of the "Cisco: UCS" PowerPack:

- The "UCS Manager" device class is being classified as an "Apache server" device class on SL1 version 12.1.1 and later. For more information, see the following Knowledgebase article: <https://support.sciencelogic.com/s/article/19192>. (Case: 00413837)

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