Cisco: UCS Standalone Rack Server PowerPack Release Notes

Version 102

Table of Contents

Before You Install or Upgrade 3
Installation or Upgrade Process 3
Features 4
Enhancements and Issues Addressed 4
Known Issues 5

Overview

Version 102 of the *Cisco: UCS Standalone Rack Server* PowerPack adds the ability to discover and properly classify Cisco UCS rack servers when SNMP is not enabled for discovery. It also adds several new Dynamic Applications and Device Classes.

- **Minimum Required Platform Version**: 8.4.0

This document describes:

Before You Install or Upgrade 3
Installation or Upgrade Process 3
Features 4
Enhancements and Issues Addressed 4
Known Issues 5

Before You Install or Upgrade

Ensure that you are running version 8.4.0 or later of SL1 before installing *Cisco: UCS Standalone Rack Server* version 102.

NOTE: For details on upgrading SL1, see the appropriate Release Notes.

Installation or Upgrade Process

To install Version 102 of the *Cisco: UCS Standalone Rack Server* PowerPack, perform the following steps:

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 8.4.0 or later release.
3. Download Version 102 of the *Cisco: UCS Standalone Rack Server* PowerPack from the Support Site 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 Version 102 of the *Cisco: UCS Standalone Rack Server* PowerPack.
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 Unified Computing System (UCS) Standalone Rack Servers*** for instructions on using the PowerPack.

Features

The *Cisco: UCS Standalone Rack Server* PowerPack includes the following features:

- Dynamic Applications that discover and collect data from Cisco Unified Computing System (UCS) rack servers
- Event Policies that are triggered when Cisco UCS rack servers meet certain status criteria
- Device Classes for each type of Cisco UCS rack server monitored
- A sample Credential for discovering Cisco UCS rack servers
- A Device Dashboard that displays information about Cisco UCS rack servers
- A Device Template that you can apply during discovery
- A Run Book Action/Policy that assigns Cisco UCS rack servers to the correct Device Classes when they are discovered with SNMP disabled

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *Cisco: UCS Standalone Rack Server* PowerPack:

- A new "Cisco: UCS SA Reclassification" Dynamic Application was added, along with a new "Cisco: UCS Device Class Realignment" Run Book Action/Policy, to discover Cisco UCS rack servers when SNMP is not enabled.
- A new Dynamic Application, "Cisco: UCS SA Compute Server Node Configuration", was added to collect compute server node configuration data from the UCS standalone server.
- The following Dynamic Applications have been added to the PowerPack to collect temperature statistics from the UCS standalone server:
    - Cisco: UCS SA Memory Temp Stats
    - Cisco: UCS SA Processor Temp Stats
    - Cisco: UCS SA Server Node MB Temp Stats
- Several Dynamic Applications were renamed and updated as follows:

Previous Name	New Name	Additional Updates
Cisco: UCS C-SA Cache	Cisco: UCS SA Cache	N/A
Cisco: UCS C-SA Configuration	Cisco: UCS SA Rack Configuration	Aligns only if the computeRackUnit object is present.
Cisco: UCS C-SA Domain Power Stats	Cisco: UCS SA Domain Power Stats	Aligns only if the powerMonitor object is present.

Previous Name	New Name	Additional Updates
Cisco: UCS C-SA Fan Configuration	Cisco: UCS SA Fan Configuration	N/A
Cisco: UCS C-SA Firmware Configuration	Cisco: UCS SA Firmware Configuration	N/A
Cisco: UCS C-SA Management Interface Configuration	Cisco: UCS SA Management Interface Configuration	N/A
Cisco: UCS C-SA Motherboard Power Stats	Cisco: UCS SA Motherboard Power Stats	Aligns only if the computeMbPowerStats object is present.
Cisco: UCS C-SA Network Adaptors	Cisco: UCS SA Network Adaptors	Aligns only when the networkAdaptorUnit object is present.
Cisco: UCS C-SA PSU Configuration	Cisco: UCS SA PSU Configuration	N/A
Cisco: UCS C-SA Server Utilization	Cisco: UCS SA Server Utilization	Aligns only if the serverUtilization object is present.
Cisco: UCS C-SA Storage Config	Cisco: UCS SA Storage Config	N/A
Cisco: UCS C-SA Temperature Stats	Cisco: UCS SA Rack Unit MB Temp Stats	No longer collects memory or processor temperature data; that data is now collected by other Dynamic Applications.
Cisco: UCS C-SA VIC Adaptor Configuration	Cisco: UCS SA VIC Adaptor Configuration	N/A

- Several new Device Classes were added to the PowerPack, while some existing Device Classes received new icons or discovery identifiers.
- Addressed an issue that was causing Cisco UCS E120S-M2 rack servers to align to the wrong device class due to an incorrect discovery identifier.
- Addressed an issue that was causing the "Cisco: UCS SA Power not on" event to erroneously appear whenever a poll was missed.
- Addressed an issue that was causing the cache to be blank and no data to appear in cache-consuming Dynamic Applications whenever a poll was missed.

Known Issues

This version of the PowerPack does not have any known issues.

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