Cisco: UCS Director PowerPack Release Notes

Version 105

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Overview

Version 105 of the *Cisco: UCS Director* PowerPack includes updates to many of the PowerPack's Dynamic Applications.

- **Minimum Required Platform Version**: 8.7.1.2
- **Support Status**: GA

This document describes:

- *Pre-install or pre-upgrade information*
- *The installation and upgrade process for the PowerPack*
- *The features included in version 105*
- *The enhancements and issues addressed in version 105*

Before You Install or Upgrade

Ensure that you are running version 8.7.1.2 or later of the ScienceLogic platform before installing the *Cisco: UCS Director* PowerPack version 105.

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

Installing or Upgrading to Cisco: UCS Director PowerPack version 105

To install the *Cisco: UCS Director* PowerPack for the first time or to upgrade from a previous version, 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.

NOTE: If you are currently using the Dynamic Applications in the *Cisco: UCS Director* PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

1. See the ***Before You Install or Upgrade*** section. If you have not done so already, upgrade your system to the 8.7.1.2 or later release.
2. Download version 105 of the *Cisco: UCS Director* PowerPack from the Customer Portal to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 105 of the *Cisco: UCS Director* PowerPack.
4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
5. See the manual ***Monitoring Cisco UCS Director*** for instructions on using the new PowerPack.

Features

Cisco: UCS Director PowerPack version 105 includes the following features:

- Dynamic Applications that enable the ScienceLogic platform to discover, model, and monitor Cisco UCS Director devices
- Event Policies that are triggered when Cisco UCS Director component devices meet certain status criteria
- Device Classes for each type of Cisco UCS Director component device monitored
- A sample Credential for discovering Cisco UCS Director component devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 105 of the *Cisco: UCS Director* PowerPack:

- The Run Book Actions included in the PowerPack were updated to authenticate API requests using SHA256 hashing. This method is required when running a Federal Information Processing Standard (FIPS)-compliant installation of the ScienceLogic platform and is supported in versions 8.4.2 and later of the platform.

NOTE: The platform still supports OpenSSL MD5 hashing for non-FIPS-compliant installations.

NOTE: For more information about authenticating API requests using SHA256 or MD5 hashing, see the ***Using the ScienceLogic API*** manual.

- The following Dynamic Applications were updated to address exceptions that were appearing after the discovery of Cisco Hyperflex systems or CloudCenter devices:
    - Cisco: UCSD ACI APIC Account Mapping Cache
    - Cisco: UCSD Bare Metal Server Discovery
    - Cisco: UCSD Cluster Discovery

    - Cisco: UCSD IP/Subnet Pool Policy Stats
    - Cisco: UCSD License Counts
    - Cisco: UCSD Root Device Configuration
    - Cisco: UCSD Service Monitoring
    - Cisco: UCSD Service Requests
    - Cisco: UCSD Site Discovery
    - Cisco: UCSD Vitals

- The "Cisco: UCSD Application Container Discovery" Dynamic Application was updated to support the APIC container type.
- The "Cisco: UCSD Container Application Configuration" Dynamic Application was updated to collect and display configuration data for the APIC, VSG, and Fabric container types included on UCS Director 6.5.
- The "Cisco: UCSD Cloud Discovery" Dynamic Application was updated to address an issue that was causing "NoneType" exceptions to appear in the device log.
- The "Cisco: UCSD POD Performance" Dynamic Application was updated to ensure that all data collected is correct and displayed in the performance report.
- The "Cisco: UCSD Service Monitoring" Dynamic Application was updated to ensure that database information is collected correctly and that no empty rows appear in the device log for the "Cisco: UCSD Service Status in error state" alert.
- An issue was addressed that was causing the "DR Enabled" collection object in the "Cisco: UCSD Application Container Configuration" Dynamic Application to appear blank due to a missing API call.
- An issue was addressed that was causing exceptions to appear in the system log for the "Cisco: UCSD Application Container Counts" Dynamic Application after the UCS Director system had been discovered.
- An issue was addressed that was causing exceptions to appear in the system log for the "Cisco: UCSD Application Container Discovery" Dynamic Application when attempting to discover dCloud in UCS Director version 6.0.
- An issue was addressed that was causing the data collected by the "Cisco: UCSD Vitals" Dynamic Application to not match the top values that are collected and displayed in the performance report.
- An issue was addressed that was causing the "UCS Director Device Class Realignment" Run Book Action to not reclassify the UCS Director root device after discovery.
- An issue was addressed that was preventing the appropriate Dynamic Applications from aligning to Pod component devices. This issue was also preventing the cloud component devices under the Pods from being discovered.

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