



Cisco: Cloud Services Platform PowerPack Release Notes

Version 107

Overview

Version 107 of the *Cisco: Cloud Services Platform* PowerPack adds support for MySQL 5.7 and a new execution environment.

- **Minimum Required SL1 Version:** 11.1.0

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Before You Install or Upgrade

Ensure that you are running version 11.1.0 or later of SL1 before installing *Cisco: Cloud Services Platform* version 107.

NOTE: For details on upgrading SL1, see the appropriate [Release Notes](#).

Installing or Upgrading the PowerPack

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 11.1.0 or later release.
3. Download the *Cisco: Cloud Services Platform* version 107 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 *Cisco: Cloud Services Platform* version 107.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

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 this 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.

For more information about using the PowerPack, see the **Monitoring Cisco: Cloud Services Platform** manual.

Features

Version 107 of the *Cisco: Cloud Services Platform* PowerPack includes the following features:

- Four example credentials (two SNMP credentials, a Basic/Snippet credential, and an SSH/Key credential) you can use to create the credentials that enable you to collect data from CSP devices
- Dynamic Applications to discover and monitor the CSP component devices
- Device Classes for each type of CSP component device SL1 monitors
- Event Policies and corresponding alerts that are triggered when CSP component devices meet certain status criteria
- Run Book Actions and Policies that align the correct device class to CSP component devices based on GUID and that merge CSP component devices with the appropriate physical components
- Device dashboards for each type of discovered CSP component device

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 107 of the *Cisco: Cloud Services Platform* PowerPack:

- The PowerPack has been updated to support MySQL 5.7.
- The "silos_apps" content library was updated to version 3.1.4.
- The "Cisco: Cloud Services Platform 2.0" execution environment was added to the PowerPack.
- The "Cisco: CSP Component to Physical Merge" Run Book Action was updated to address an issue in which server nodes were not being merged with physical components due to database password encryption.

Known Issues

The following known issues affect version 107 of the *Cisco: Cloud Services Platform* PowerPack:

- The "Cisco: CSP 2100 CLI Alignment" Dynamic Application will not auto-align after running discovery on MUD systems, affecting data collection for some objects in the "Cisco: CSP 2100 Node Resource Stats" and "Cisco: CSP 2100 Cluster Resource Stats" Dynamic Applications.
- In a non-cluster setup, the "Cisco: CSP 2100 Configuration" Dynamic Application will produce the "App: 2079, Snippet: 2608 threw exception: list index out of range" exception.
- The "Cisco: CSP 2100 Node Resource Stats" Dynamic Application will produce the "exception (Traceback: Traceback (most recent call last))" exception even when data is collected correctly.

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