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# Cisco: Cloud Services Platform PowerPack Release Notes

Version 106

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## Overview

Version 106 of the *Cisco: Cloud Services Platform* PowerPack includes updates to discovery, new device classes, and addresses a number of issues.

- **Minimum Required Platform Version:** 8.14.0

This document describes:

- [Pre-install or pre-upgrade information](#)
- [The installation and upgrade process for the PowerPack](#)
- [The features included in version 106](#)
- [The enhancements and issues addressed in version 106](#)
- [The known issues that affect version 106](#)

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## Before You Install or Upgrade

Ensure that you are running version 8.14.0 or later of SL1 before installing the *Cisco: Cloud Services Platform* PowerPack version 106.

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

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## Installing or Upgrading to Cisco: Cloud Services Platform PowerPack version 106

**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: Cloud Services Platform* 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.

To install the *Cisco: Cloud Services Platform* PowerPack for the first time or to upgrade from a previous version, 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 8.14.0 or later release.
3. Download version 106 of the *Cisco: Cloud Services Platform* 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 106 of the *Cisco: Cloud Services Platform* PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the Install button to install the PowerPack.
6. See the manual [Monitoring Cisco Cloud Services Platform](#) for instructions on using the new PowerPack.

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## Features

*Cisco: Cloud Services Platform* version 106 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

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## Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 106 of the *Cisco: Cloud Services Platform* PowerPack:

- The PowerPack was renamed to "Cisco: Cloud Services Platform".
- Discovery was updated to assign the correct device class to newly discovered devices based on model.
- The "Cisco: CSP Collector Alignment" Run Book Action was removed from the PowerPack.
- The **Collector Affinity** setting in all Dynamic Applications in this PowerPack was updated to *Root device collector* by default.
- An issue was addressed in which the "Cisco: CSP 2100 CLI Alignment" Dynamic Application was not releasing the token used, causing detailed discovery for the Linux Base Pack to never complete.

- An issue was addressed in the "Cisco: CSP 2100 CLI Alignment" Dynamic Application in which an exception was occurring during the discovery of any PowerPack.
- An issue was addressed in the "Cisco: CSP 2100 Services Discovery" and "Cisco: CSP 2100 Service Resource Stats" Dynamic Applications in which an exception was occurring when services were not configured to run on a device.
- An issue was addressed in the "Cisco: CSP 2100 Node Component to Physical Merge" Dynamic Application in which an exception was occurring when a collection cycle was performed.
- An issue was addressed in which after running a discovery session, physical devices were not merged with their appropriate components.
- The "Cisco: CSP 2100 Node to UCS Relationship" Dynamic Application was updated to address an issue in which an exception occurred during the collection cycle.
- Some Run Book Actions in the PowerPack were updated to correctly use Database Credentials during discovery.
- The "Cisco: CSP 2100 Physical Interface Performance" Dynamic Application was updated to address an issue where an exception was being thrown due to the application not allowing the cache to be saved.

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## Known Issues

The following known issues affect version 106 of the *Cisco: Cloud Services Platform* PowerPack:

- 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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