Cisco: Cloud Center PowerPack Release Notes

Version 106

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Overview

Version 106 of the *Cisco: Cloud Center* PowerPack adds the ability to discover ELK components.

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

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*
- *Known Issues and Limitations*

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: Cloud Center* PowerPack version 106.

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

Installing or Upgrading to Cisco: Cloud Center PowerPack version 106

To install the *Cisco: Cloud Center* 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: Cloud Center* 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. 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 8.7.1.2 or later release.
3. Download version 106 of the *Cisco: Cloud Center* PowerPack from the Customer Portal 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 Center* 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 Center*** for instructions on using the new PowerPack.

Features

The following features are included in version 106 of the *Cisco: Cloud Center* PowerPack:

- Dynamic Applications to discover and monitor Cloud Center devices
- Device classes for each type of Cloud Center device that the ScienceLogic platform monitors
- Event policies and corresponding alerts that are triggered when Cloud Center devices meet certain status criteria
- Sample Credentials you can use as templates to create your own Credentials to monitor Cloud Center deployments
- Run Book Actions that automate some aspects of the device discovery and creation process

Enhancements and Issues Addressed

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

- The PowerPack now supports the discovery of ELK components. With this update, a new "Cloud Center ELK" Device Class was added to the PowerPack, and the sample "Cisco Cloud Center - HA Example" SOAP/XML Credential was updated to include a header for ELK components.
- The "Cisco: Cloud Center Application Resource Usage" Dynamic Application was updated to add a new "Add Suspension Policy" Collection Object.
- An issue was addressed in which discovery was failing on RabbitMQ because it was erroneously detecting bad headers.
- An issue was addressed that was preventing Dynamic Applications from the *Cisco: ACI* PowerPack from auto-aligning to the root device when the *Cisco: Cloud Center* PowerPack was installed before the *Cisco: ACI* PowerPack.

Known Issues and Limitations

The following known issues and limitations apply to version 106 of the *Cisco: Cloud Center* PowerPack:

- When monitoring a high-availability deployment, the use of Basic/Snippet credentials will cause RabbitMQ Dynamic Applications to align to RabbitMQ devices, but those Dynamic Applications will not collect data. This is because SL1 discovers the RabbitMQ load balancer devices as the RabbitMQ components, rather than the actual RabbitMQ components themselves. This means that, even if you manually discover the RabbitMQ components, the *Cisco: Cloud Center* PowerPack has no way of linking them with the load balancers. If you would like to collect data for the non-load balancer RabbitMQ components, you can manually align the appropriate credentials.
- The current implementation of the *AMQP: RabbitMQ* PowerPack has a known issue where the data comes only from the first node in the cluster, leading to one of the nodes having incorrect data. This issue will be addressed in version 101 of the *AMQP: RabbitMQ* PowerPack.
- All devices associated with a Cisco Cloud Center instance must be monitored by the same Data Collector.
- If you delete a Cisco Cloud Center device and subsequently want to re-discover the same Cisco Cloud Center device, you must execute the following database query on the Data Collector or All-In-One Appliance that monitored the Cisco Cloud Center device:

```
DELETE FROM cache.dynamic_app WHERE key LIKE %ccc%;
```

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