



Cisco: ACI PowerPack Release Notes

Version 105

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Overview

Version 105 of the *Cisco: ACI PowerPack* adds new Dynamic Applications and a new Run Book Automation policy to convert a physical device into a virtual device with the same IP address, among other updates.

- **Minimum Required Platform Version:** 8.7.0
- **Support Status:** GA

This document describes:

- [Pre-installation 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 8.7.0 or later of the ScienceLogic platform before installing the *Cisco: ACI PowerPack* version 105.

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

Installing or Upgrading to Cisco: ACI PowerPack version 105

To install the *Cisco: ACI 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: ACI 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 8.7.0 or later release.
3. Download version 105 of the *Cisco: ACIPowerPack* 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 105 of the *Cisco: ACIPowerPack*.
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 ACI** for instructions on using the PowerPack.

Features

Cisco: ACI PowerPack version 105 includes the following features:

- Dynamic Applications that discover and collect data from Cisco Application Centric Infrastructure (ACI) devices
- Event Policies that are triggered when Cisco ACI devices meet certain status criteria
- Device Classes for each type of Cisco ACI device monitored
- Sample credentials for discovering Cisco ACI devices
- Device Dashboards that display information about Cisco ACI devices
- 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 105 of the *Cisco: ACI PowerPack*:

- The following Dynamic Applications have been added to the PowerPack:
 - *Cisco: ACI Power*
 - *Cisco: ACI Hypervisor Discovery*
 - *Cisco: ACI VM Discovery*
 - *Cisco: ACI APIC Communications Manager*
 - *Cisco: ACI Switch Sensors*
- New collection and presentation objects were added to the "Cisco: ACI Component Count" Dynamic Application.
- The "Cisco: ACI IC UpTime" Dynamic Application now supports internal collections and consumes the uptime cache for leaf switches, spines, and APIC controllers. It must be manually aligned to the device for the internal collections data to be displayed in the **[Properties]** tab. (For more information, see the **Monitoring Cisco ACI** manual.)

- The "Cisco: ACI Device Class Realignment" Run Book Automation Policy was created to convert a physical device into a virtual device with the same IP address and aligned Dynamic Applications.
- The "Cisco: ACI User Logs" Dynamic Application will now provide a detailed journal record.
- The PowerPack can now report L3Out EPG traffic utilization counts.
- An issue was addressed in which tenant devices were being discovered but not appearing as component devices.
- An issue was addressed in the "Cisco: ACI Health Score" Dynamic Application that was causing an error to appear in the system log whenever a poll did not collect information.
- An issue was addressed in which an error was received when running a Dynamic Application on a tenant. (ACI-140)
- An issue was addressed that was causing continuous alerts to appear whenever a controller died.
- An issue was addressed in which an unsupported character was causing errors to appear when running the following Dynamic Applications:
 - Cisco: ACI Component Count
 - Cisco: ACI Fault Counts (Non-Component)
 - Cisco: ACI Authentication Counts
 - Cisco: ACI Faults
 - Cisco: ACI Fabric Switch Capacity

Known Issues

The following known issue affects version 105 of the *Cisco: ACI PowerPack*:

- When installing the PowerPack, if a previous version of the content library is installed the new content library may not be picked up and the APIC failover case will not work. To fix this, using a dbtool run the following commands:

```
update master.system_settings_core set enable_content_library=1
```

```
update master.content_libraries set is_system=0 where name = "silo_aci"
```

After running the commands, go to System > Manage > PowerPacks. Select the wrench icon for the *Cisco: ACI* and select Content Libraries. Remove the association to "silo_aci".

Go to System > Customize > ScienceLogic Libraries. Delete and previous versions of silo_aci.

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