



Cisco: ACI PowerPack Release Notes

Version 109

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Overview

Version 109 of the *Cisco: ACI PowerPack* includes updates to the "Cisco: ACI APIC Communications Manager" and "Cisco: ACI User Logs" Dynamic Applications, and allows users to prioritize which APICs will be used first during failover.

- **Minimum Required SL1 Version:** 8.7.1
- **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 109](#)
- [The enhancements and issues addressed in version 109](#)

Before You Install or Upgrade

Ensure that you are running version 8.7.1 or later of SL1 before installing or upgrading the *Cisco: ACI PowerPack* version 109.

NOTE: For details on upgrading SL1, see the appropriate SL1 Release Notes.

CAUTION: The only supported upgrade path is from *Cisco: ACI PowerPack* version 108. If you want to upgrade from a version of this PowerPack earlier than version 108, you must delete the existing PowerPack and install version 109. A future version of this PowerPack will address this problem and will allow you to upgrade from any version.

Installing or Upgrading to Cisco: ACI PowerPack version 109

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. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 8.7.1 or later release.
2. Download version 109 of the *Cisco: ACI 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 109 of the *Cisco: ACI 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 ACI* for instructions on using the PowerPack.

Features

Cisco: ACI PowerPack version 109 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
- ScienceLogic Libraries that are utilized by this PowerPack:
 - content
 - silo_aci
 - silo_vmware
 - vmware

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 109 of the *Cisco: ACI PowerPack*:

- The "Cisco: ACI APIC Communications Manager" Dynamic Application was updated to use single authentication to set the APIC and token for all Dynamic Applications that communicate with the ACI system.

- The "Cisco: ACI User Logs" Dynamic Application was updated to use the content library to make requests, and to correct an issue in which the Dynamic Application was querying for the entire user log during every collection cycle.
- The PowerPack was updated to prioritize which APICs to use during failover. With this change, tenants will receive a new IP address after failover to reflect the APIC they will be using.
- The PowerPack was updated to give tenants access to APICs and the `apics_reachable` cache entry for an ACI component tree.
- The "Cisco: ACI Faults" Dynamic Application was updated to have smaller queries for the first run of the Dynamic Application, as it was erroneously generating an alert for the entire fault list during collection.
- An issue was addressed in which pods were failing to collect on their first or second collection run.
- An issue was addressed in the Cisco: ACI APIC Configuration Dynamic Application in which the subscribers to the Dynamic Application did not have any data in the **Tags** column, and incorrect data in the **Storage Group Utilized** column, of the **[Config]** tab.

Known Issues

The following known issue affects version 109 of the *Cisco: ACI PowerPack*:

- You cannot upgrade to this version of the Cisco: ACI PowerPack from any version except version 108. If you want to upgrade from a version of this PowerPack earlier than version 108, you must delete the existing PowerPack and install version 109. A future version of this PowerPack will address this problem and will allow you to upgrade from any version.

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