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# Cisco: ACI PowerPack Release Notes

Version 108

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## Overview

Version 108 of the *Cisco: ACI PowerPack* includes updates to several of the PowerPack's Dynamic Applications and Event Policies.

- **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 108](#)
- [The enhancements and issues addressed in version 108](#)

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## 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 108.

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

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## Installing or Upgrading to Cisco: ACI PowerPack version 108

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 108 of the *Cisco: ACIPowerPack* 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 108 of the *Cisco: ACIPowerPack*.
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.

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## Features

Cisco: ACI PowerPack version 108 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

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## Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 108 of the *Cisco: ACI PowerPack*:

- Two new Event Policies were added to the PowerPack:

Event Policy Name	Description	Event Source	Severity
No reachable APIC	All APICs are currently unreachable	Dynamic	Critical
At least one reachable APIC	At least one APIC can be reached	Dynamic	Healthy

- The "Cisco: ACI APIC Communications Manager" Dynamic Application was updated to enable users to specify APICs from which SL1 should not collect data and to specify the APIC precedence order in the event that the APIC being monitored becomes unavailable.
- A new "Cisco: ACI Example ipconfig" sample credential was added to the PowerPack to support the new APIC blacklisting and precedence ordering capabilities.
  - To specify APICs that should not be monitored, enter the APIC IP addresses in the **Embed Value [%1]** field of the SOAP/XML credential you use to monitor ACI resources.
  - To specify the APIC precedence order, enter the APIC IP addresses in the **Embed Value [%3]** field of the SOAP/XML credential, in the order in which you want them to be monitored in the event that the one that is currently being monitored becomes unavailable.

**NOTE:** When entering IP addresses in the **Embed Value [%1]** or **Embed Value [%3]** fields, each IP address should be surrounded by quotation marks and include a comma and space between IP addresses. Additionally, the list of IP addresses should be surrounded by brackets. For example:  
 ["198.18.133.200", "198.18.133.201", "198.18.133.202"]

- The "Cisco: ACI Faults" Dynamic Application was updated to increase the poll frequency from every 3 minutes to every 5 minutes. This provides more time for the Dynamic Application to run successfully on larger ACI systems.
- The "Cisco: ACI Pod Discovery" Dynamic Application was updated so the root device name is included in the pod device name.
- Several Dynamic Applications and Event Policies in the PowerPack were updated to meet current ScienceLogic engineering standards.
- Lost Connection Exception handling has been improved in the PowerPack.

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