



Cisco: UC Ancillary PowerPack Release Notes

Beta Version 101

Table of Contents

Overview	3
Before You Install or Upgrade	3
Installing or Upgrading to Cisco: UC Ancillary PowerPack version 101	3
Features	4
Enhancements and Issues Addressed	5
Known Issues	6

Overview

Version 101 of the *Cisco: UC Ancillary PowerPack* adds support for Cisco Unified Border Element (CUBE) Service Provider Edition and addresses multiple issues related to CUBE Enterprise Edition and Voice Gateways.

- **Minimum Required Platform Version:** 8.4.2
- **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 101](#)
- [The enhancements and issues addressed in version 101](#)
- [The known issues that affect version 101](#)

Before You Install or Upgrade

Ensure that you are running version 8.4.2 or later of the ScienceLogic platform before installing the *Cisco: UC Ancillary PowerPack* version 101.

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

Installing or Upgrading to Cisco: UC Ancillary PowerPack version 101

To install the *Cisco: UC Ancillary 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: UC Ancillary 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 8.4.2 or later release.
3. Download version 101 of the *Cisco: UC Ancillary 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 101 of the *Cisco: UC Ancillary 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 Unified Communications Ancillary Devices* for instructions on using the new PowerPack.

NOTE: If you are running a version of the ScienceLogic platform that is prior to the upcoming version 8.7.0, you must import and then compile the following MIB files in the ScienceLogic platform, in the following order: CISCO-SESS-BORDER-CTRLR-CALL-STATS-MIB, then CISCO-SESS-BORDER-CTRLR-EVENT-MIB.

Features

Cisco: UC Ancillary PowerPack version 101 includes the following features:

- An example credential you can use as a template to create SSH/Key credentials to connect to the devices you want to monitor
- Dynamic Applications to discover, model, and monitor performance metrics and/or collect configuration data for ancillary UC devices
- Device Classes for each of the ancillary UC devices that the ScienceLogic platform monitors
- Event Policies that are triggered when ancillary UC devices meet certain status criteria
- A device dashboard that displays host resource and interface information about ancillary UC devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *Cisco: UC Ancillary PowerPack*:

- The following Dynamic Applications were created to monitor Cisco Unified Border Element (CUBE) devices:
 - Cisco: CUBE Discovery for CUBE-SP
 - Cisco: CUBE-SP Call Stats
 - Cisco: CUBE-SP Periodic Stats
 - Cisco: CUBE-SP SIP Periodic Stats
- To support Cisco CUBE Service Provider Edition, new event traps for each ScienceLogic severity were created for the following notifications:
 - Cisco: CUBE-SP CSB Adjacency Status
 - Cisco: CUBE-SP CSB Diameter Connection Status
 - Cisco: CUBE-SP CSB Dynamic Black List
 - Cisco: CUBE-SP CSB H248 Controller Status
 - Cisco: CUBE-SP CSB QOS Local Jitter
 - Cisco: CUBE-SP CSB QOS Moscpq
 - Cisco: CUBE-SP CSB QOS Percent Packets Dropped
 - Cisco: CUBE-SP CSB QOS Percent Packets Lost
 - Cisco: CUBE-SP CSB QOS Remote Jitter
 - Cisco: CUBE-SP CSB QOS Round Trip Delay
 - Cisco: CUBE-SP CSB QOS Unanswered Call Ratio
 - Cisco: CUBE-SP CSB Radius Connection Status
 - Cisco: CUBE-SP CSB Service Level Agreement Violation
 - Cisco: CUBE-SP CSB Service State
 - Cisco: CUBE-SP CSB Source Alert
 - Cisco: CUBE-SP CSB System Congestion Alarm
- The following updates were made to the PowerPack's Device Classes:
 - Added support for Cisco Unified Border Element Service Provider Edition (CUBE-SP) devices.
 - Removed support for Emergency Responder devices, which are now handled by the *Cisco: UC VOS Applications PowerPack*.
- Addressed an issue where the "Cisco: CUBE Trunk Stats" Dynamic Application failed to complete on time.
- Addressed an issue where the "Cisco: Active Voice Call Legs Performance" and "Cisco: Dial Peer Voice Summary" Dynamic Applications failed to collect data and timed out.

- Updated the "Cisco: Dial Peer Voice Summary" and "Cisco: Active Voice Call Legs Performance" Dynamic Applications to generate a connection failure device log only if the last failed attempt actually results in data collection failure. These Dynamic Applications were updated to reduce the number of redundant log entries.

Known Issues

The following are known issues that affect version 101 of the *Cisco: UC Ancillary PowerPack*.

- Some of the Dynamic Applications in the PowerPack will not work properly if a monitored router includes the word "Password" in its login banner, because the SSH library thinks the password was not accepted and the router is asking for the password again.
- If you are running a version of the ScienceLogic platform that is prior to the upcoming version 8.7.0, the new event traps in this version of the PowerPack require that you disable the following existing traps:
 - Cisco: TP: SBC Adjacency Status Trap
 - Cisco: TP: SBC Adjacency Status Attached
 - Cisco: TP: SBC Adjacency Status Detached
 - Cisco: TP: SBC Dynamic Black List Event
 - Cisco: TP: SBC Radius Connection Status
 - Cisco: TP: SBC SLA Violation
 - Cisco: TP: SBC Service State Event
 - Cisco: TP: SBC Source Alert Event
 - Cisco: TP: SBC System Congestion Event

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