Cisco: UC Ancillary PowerPack Release Notes

Version 104

Overview

Version 104 of the "Cisco: UC Ancillary" PowerPack includes updates for Python 3 compatibility.

- **Minimum Required SL1 Version**: 12.1.0

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Before You Install or Upgrade

Ensure that you are running version 12.1.0 or later of SL1 before installing the "Cisco: UC Ancillary" PowerPack.

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

Installation or Upgrade Process

To install version 104 of the "Cisco: UC Ancillary" PowerPack, 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.

To install this PowerPack:

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 12.1.0 or later release.
3. Download the "Cisco: UC Ancillary" version 104 PowerPack from the Support Site 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 "Cisco: UC Ancillary" version 104.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

See the manual ***Monitoring Cisco Unified Communications Ancillary Devices*** for instructions on using the new PowerPack.

NOTE: If you are running a version of SL1 that is prior to the upcoming version 8.7.0, you must import and then compile the following MIB files in SL1, in the following order: CISCO-SESS-BORDER-CTRLR-CALL-STATS-MIB, then CISCO-SESS-BORDER-CTRLR-EVENT-MIB.

Features

This release 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 SL1 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 this release:

- The following Dynamic Applications and their corresponding snippet arguments are now compatible with Python 3:
    - "Cisco: Active Voice Call Legs Performance"
    - "Cisco: CUBE Discovery"
    - "Cisco: CUBE Trunk Configuration"
    - "Cisco: CUBE Trunk Stats"
    - "Cisco: CUBE-SP Call Stats"
    - "Cisco: CUBE-SP Discovery"
    - "Cisco: CUBE-SP Periodic Stats"
    - "Cisco: CUBE-SP SIP Periodic Stats"
    - "Cisco: Dial Peer Voice Summary"
    - "Cisco: DSP Performance"
    - "Cisco: DSP Status Configuration"
    - "Cisco: SIP Performance"
- Added a new "Cisco: UC Ancillary" execution environment that is compatible with Python 3.
- Removed the "Paramiko" library from existing snippet arguments.

Known Issues

The following known issues affect version 104 of the "Cisco: UC Ancillary" PowerPack:

- The PowerPack will not install on SL1 systems configured to be Federal Information Processing Standards (FIPS)-compliant until the new user interface available with SL1 version 8.12.0 and later supports FIPS systems.
- 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.

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