Cisco: Wireless PowerPack Release Notes

Version 105

Overview

Version 105 of the "Cisco: Wireless" PowerPack updates the PowerPack for Python 3.6 compatibility.

- **Minimum Required SL1 Version**: 11.3.0

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Before You Install

Ensure that you are running version 11.3.0 or later of SL1 before installing "Cisco: Wireless" PowerPack version 105.

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

Installation Process

To install version 105 of the "Cisco: Wireless" PowerPack, perform the following steps:

WARNING: If you previously set the GUID (Globally Unique Identifier) component identifier in either the "Cisco: WLC AP Discovery" and "Cisco: WLC AP Interface Discovery" Dynamic Applications, updating to version 105 from previous versions will remove their custom GUID settings. Additionally, if you modified the snippet code to enable the collection of previously ignored collection objects, upgrading will overwrite the snippet changes as well.

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 11.3.0 or later release.
3. Download the "Cisco: Wireless" version 105 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: Wireless" version 105.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

Features

This release includes the following features:

- Dynamic Applications that discover and collect data from all Cisco wireless LAN controller (WLC) devices monitored
- Event Policies and corresponding alerts that are triggered when Cisco WLC component devices meet certain status criteria
- Device Classes for each of the Cisco WLC component devices monitored
- Device Dashboards that display information about Cisco WLC component devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in this release:

- The PowerPack was updated for Python 3.6 compatibility.
- The ***Collector Affinity*** was set to *Root device collector* in all the Dynamic Applications.
- The "Cisco: WLC AP Config" Dynamic Application was updated to address an issue in which the MAC Addresses collection objects stored using a space instead of semicolon.

Known Issues

The following known issues affect version 105 of the "Cisco: Wireless" PowerPack:

- After you upgrade the PowerPack to version 105, the Python2 Execution Environment in SL1 versions prior to 12.2.1 cannot be removed from the user interface due to a platform issue. That issue does not affect the functionality of the PowerPack.
- The "Cisco: WLC AP Config" Dynamic Application may take too long to collect on smaller controllers. If this happens, increasing the polling interval to 15 minutes or more will allow the device to return all collection data before the polling cycle ends.

- The discovery object for the "Cisco: WLC Interface Performance Average" Dynamic Application uses an Object ID of "1.3.6.1.4.1.14179.2.2.1.1.1". This is valid on AireOS WLC's, but not on IOS WLC's. Since the snippet uses `getnext`, there is a return on IOS WLC, but not an expected or valid return.

- The Cisco WLC: AP and Cisco WLC: Interface device dashboards are not linked to any device classes. Therefore, the device dashboards are not available in the **Device Summary**.

- In the "Cisco: WLC AP Discovery", "Cisco: WLC AP Interface Discovery", and "Cisco: WLC AP Config" Dynamic Applications, not all enum values are displayed in the "POSSIBLE ENUM VALUES" tooltip. When the enum values start with '#0' it may not be displayed in the "POSSIBLE ENUM VALUES" tooltip.

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