



Cisco: Wireless PowerPack Release Notes

Version 102

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Overview

Version 102 of the *Cisco Wireless PowerPack* includes updates to numerous Dynamic Applications to change the way Access Point interfaces are discovered and monitored, as well as updates to the PowerPack's Device Classes.

- **Minimum Required Platform Version:** 8.4.0

This document describes:

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Before You Install

Ensure that you are running version 8.4.0 or later of SL1 before installing *Cisco Wireless* version 102.

NOTE: For details on upgrading SL1, see the appropriate [Release Notes](#).

Installation Process

To install Version 102 of the *Cisco Wireless 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.

NOTE: If you are currently using the Dynamic Applications in this 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 8.4.0 or later release.
3. Download Version 102 of the *Cisco Wireless 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 Version 102 of the *Cisco Wireless PowerPack*.
5. Click the Install button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

Features

The *Cisco Wireless PowerPack* 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 version 102 of the *Cisco Wireless PowerPack*:

- Access Point (AP) Interfaces are no longer discovered as unique component devices by default. Instead, they now appear on the **Interfaces Found** page (Registry > Devices > Device Manager > graph icon > Interfaces) of AP component devices. To support this change, the following updates were made:
 - The following interface-related Dynamic Applications, which align to the AP component device instead of the AP Interface device, were added to the PowerPack:
 - Cisco: WLC Interface Configuration (AP)
 - Cisco: WLC Interface Interference (AP)
 - Cisco: WLC Interface Noise (AP)
 - Cisco: WLC Interface Performance (AP)
 - Cisco: WLC Interface RSSI (AP)
 - Cisco: WLC Interface SNR (AP)

NOTE: These Dynamic Applications are aligned by the "Cisco: WLC AP Discovery" Dynamic Application.

- The following Dynamic Applications were updated to include all compute metric averages using the data from the new AP-aligned Dynamic Applications:
 - Cisco: WLC AP Interface Performance Average
 - Cisco: WLC AP Interference Average

- Cisco: WLC AP Noise Average
 - Cisco: WLC Interface Performance Average
 - Cisco: WLC Interference Average
 - Cisco: WLC Noise Average
- The following Dynamic Applications were updated to ensure that *Hide row* appears as an option in the **Null Row Option** field on the **Dynamic Application Properties Editor** page, and to ensure that their alert formulas validate empty row values:
 - Cisco: WLC AP Config
 - Cisco: WLC AP Interface Discovery
 - Cisco: WLC Configuration
 - Cisco: WLC Interface Configuration
- The "Cisco: WLC Rogue APs" Dynamic Application was updated with adjusted Journal report column widths to ensure that the report data and headers display correctly.
- The following Device Classes were added to the PowerPack:

Device Class	Description	Device Type
Cisco Systems	Virtual Wireless Controller	SNMP Enabled
Cisco Systems	3500 Wireless Controller	SNMP Enabled
Cisco Systems	5760 Wireless Controller	SNMP Enabled
Cisco Systems	5760 Wireless Controller (Catalyst)	SNMP Enabled
Cisco Systems	8540 Wireless Controller	SNMP Enabled
Cisco Systems	AIR-AP1542D	Component
Cisco Systems	AIR-AP1542I	Component
Cisco Systems	AIR-AP1562D	Component
Cisco Systems	AIR-AP1562E	Component
Cisco Systems	AIR-AP1562I	Component
Cisco Systems	AIR-AP1572E	Component
Cisco Systems	AIR-AP1810W	Component
Cisco Systems	AIR-AP1815I	Component
Cisco Systems	AIR-AP1815M	Component
Cisco Systems	AIR-AP1815W	Component

- All Wireless Controller Device Classes were updated to have a Device Tier value of "1" and all Access Point Device Classes were updated to have a Device Tier value of "2".

Known Issues

The following known issues were found in version 102 of the *Cisco Wireless PowerPack*:

- In the "Cisco: WLC AP Discovery" and "Cisco: WLC AP Interface Discovery" Dynamic Applications, some values are missing from the "POSSIBLE ENUM VALUES" tooltip for some of the collected configuration data metrics.

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