



Cisco: UCS PowerPack Release Notes

Version 106

Overview

Version 106 of the "Cisco: UCS" PowerPack was updated for Python 3.11 compatibility, enhanced security, and addresses library and syntax issues with Dynamic Applications that occurred after upgrading to version 105 of the PowerPack.

- **Minimum Required SL1 Version:** 12.3.1

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Before You Install or Upgrade

Ensure that you are running version 12.3.1 or later of Skylar One before installing the "Cisco: UCS" PowerPack.

NOTE: For details on upgrading Skylar One, see the relevant [Skylar One Platform Release Notes](#).

Installation or Upgrade Process

To install version 106 of the "Cisco: UCS" 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 12.3.1 or later release.
3. Download the "Cisco: UCS" version 106 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: UCS" version 106.
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 UCS Manager* for instructions on using the new PowerPack.

Features

This release includes the following features:

- Dynamic Applications that enable Skylar One to discover, model, and monitor Cisco UCS Manager devices
- Event Policies that are triggered when Cisco UCS Manager component devices meet certain status criteria
- Device Classes for each type of Cisco UCS Manager component device monitored
- A sample credential for discovering Cisco UCS Manager component devices

Enhancements and Issues Addressed

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

- Updated the PowerPack for Python 3.11 compatibility.
- Improved the security of the PowerPack by implementing secure XML parsing that disables external entity resolutions, thereby preventing XML External Entity (XXE) vulnerabilities.
- Addressed an issue that occurred when upgrading to version 105 of the "Cisco: UCS Manager" PowerPack which caused collection errors for multiple Dynamic Applications. The issues were resolved by replacing the `lxml.etree` library with a `lxml` Python library for the "Cisco: UCS Service Profile Discovery" Dynamic Application and by implementing minor updates to syntax strings for the remaining affected Dynamic Applications. (Case: 00523074)

Known Issues

The following known issues affect version 106 of the "Cisco: UCS" PowerPack:

- The "UCS Manager" device class is being classified as an "Apache server" device class on SL 1 version 12.1.1 and later. For more information, see the following Knowledgebase article: <https://support.sciencelogic.com/s/article/19192>. (Case: 00413837)

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