



Cisco: Hyperflex PowerPack Release Notes

Version 102

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Overview

Version 102 of the *Cisco: Hyperflex* PowerPack adds support for HyperFlex API version 2.5, a new Device Class icon, and addresses a number of issues in the PowerPack.

- **Minimum Required Platform Version:** 8.10.0
- **Support Status:** Beta

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation and upgrade process for the PowerPack](#)
- [The features included in version 102](#)
- [The enhancements and issues addressed in version 102](#)

Before You Install or Upgrade

Ensure that you are running version 8.10.0 or later of SL1 before installing the *Cisco: Hyperflex* PowerPack version 102.

NOTE: The *Cisco: Hyperflex* PowerPack supports only HyperFlex version 4.0 and later.

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

Installing or Upgrading to Cisco: Hyperflex PowerPack version 102

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: Hyperflex* 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.

To install the *Cisco: Hyperflex* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

1. See the [Before You Install or Upgrade](#) section. If you have not done so already, upgrade your system to the 8.10.0 or later release.
2. Download version 102 of the *Cisco: Hyperflex* PowerPack from the Customer Portal to a local computer.
3. 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: Hyperflex* PowerPack.
4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
5. See the manual *Monitoring Cisco Hyperflex* for instructions on using the PowerPack.

Features

Cisco: Hyperflex PowerPack version 102 includes the following features:

- An example credential you can use to create SOAP/XML credentials to connect to HyperFlex data clusters
- Dynamic Applications to discover and monitor HyperFlex data clusters
- A Device Class for HyperFlex data clusters
- Event Policies and corresponding alerts that are triggered when HyperFlex data clusters meet certain status criteria
- A Run Book Action and Policy to ensure that HyperFlex devices are classified to the appropriate Device Class

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *Cisco: Hyperflex* PowerPack:

- The PowerPack now supports only HyperFlex API version 2.5 or later.
- A new SVG icon was added to the Device Class in the PowerPack for the new user interface. **NOTE:** This update does not impact the classic SL1 user interface prior to SL1 version 10.1.0. SL1 version 10.1.0 will allow PowerPacks with SVG icons to be installed.
- The following Dynamic Applications were updated to address issues that were causing them to fail:
 - Cisco: Hyperflex CLI Cache
 - Cisco: Hyperflex Cluster Configuration
 - Cisco: Hyperflex Cluster Performance
 - Cisco: Hyperflex Datastore Configuration
 - Cisco: Hyperflex Datastore Performance
 - Cisco: Hyperflex Disk Configuration
 - Cisco: Hyperflex Event

- Cisco: Hyperflex Node Performance
- Cisco: Hyperflex Relationships
- Cisco: Hyperflex Resiliency Stats
- Cisco: Hyperflex Service Configuration
- The following Dynamic Applications were updated to support HyperFlex version 4.0:
 - Cisco: Hyperflex Cluster Performance
 - Cisco: Hyperflex Datastore Performance
 - Cisco: Hyperflex Relationships
 - Cisco: Hyperflex Resiliency Stats
- The "Cisco: Hyperflex Relationships" Dynamic Application was updated to address an exception displayed when executing a snippet.
- The Device Category for the Hyperflex Device Class was updated to "Storage.Array".
- An issue was addressed in which the "Cisco: Hyperflex Device Class Realignment" Run Book Action would cause an error.
- The "Cisco: Hyperflex Cluster Performance" Dynamic Application was updated to add missing units and correct erroneous units for Total CPU, Effective CPU, and Effective Memory.
- The "Cisco: Hyperflex Node Performance" Dynamic Application was updated to display units as percentage for Compression Savings, Dedup Savings, and Total Node Savings.
- The "Cisco: Hyperflex Cluster Performance" and "Cisco: Hyperflex Datastore Performance" Dynamic Applications were updated to address an issue in which usernames and passwords were appearing in clear text when running in debug mode.
- The "Cisco: Hyperflex Cluster Configuration" Dynamic Application was updated to address an issue in which the Health Reason value was not being collected.

Known Issues

The following known issue affects version 102 of the *Cisco: Hyperflex PowerPack*:

- The PowerPack currently collects the necessary data for relationships with Cisco UCS devices, but will not support those relationships until the *Cisco: UCS PowerPack* is updated.
- In SL1 version 8.10.0, the following Minor events are displayed for the "Cisco: Hyperflex Resiliency Stats" Dynamic Application:

```
78:StorageProc1: Non-digits in oid with object id: 18882, did:4 in dynamic
app:1625 when updating performance value (val:NA)
```

```
78:StorageProc1: Non-digits in oid with object id: 18876, did:4 in dynamic
app:1625 when updating performance value (val:NA)
```

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