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# Dell EMC: Unity PowerPack Release Notes

Version 103

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## Overview

Version 103 of the "Dell EMC: Unity" PowerPack updates the PowerPack for Python 3.6-compatibility using Snippet Framework, adds a universal example credential, and removes several Dynamic Application collection objects.

- **Minimum Required SL1 Version:** 12.1.1

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## Before You Install or Upgrade

Ensure that you are running version 12.1.1 or later of SL1 before installing "Dell EMC: Unity" PowerPack version 103.

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

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## Installation Process

To install version 103 of the "Dell EMC: Unity" 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 12.1.1 or later release.
3. Download the "Dell EMC: Unity" version 103 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 "Dell EMC: Unity" version 103.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

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## Features

This release includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for Dell EMC Unity storage systems:
  - Dell EMC: Unity Array Capacity Stats
  - Dell EMC: Unity Array Config
  - Dell EMC: Unity Array Discovery
  - Dell EMC: Unity Components Config
  - Dell EMC: Unity LUN Config
  - Dell EMC: Unity LUN Discovery
  - Dell EMC: Unity Storage Pool Capacity Stats
  - Dell EMC: Unity Storage Pool Config
  - Dell EMC: Unity Storage Pool Discovery
- Device classes for each type of Unity device monitored
- Event policies that are triggered when Unity devices meet certain status criteria
- Sample credentials that you can use as a template to connect to Unity devices

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## Enhancements and Issues Addressed

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

- Updated the PowerPack for Python 3.6-compatibility using Snippet Framework.
- Added the "Dell EMC: Unity Example SF" universal example credential.

- Removed the following "Dell EMC: Unity LUN Discovery" Dynamic Application collection objects, as the "Dell EMC: Unity LUN Config" Dynamic Application collects the same information:
  - Current Owner
  - Default Owner
  - Health State
  - LUN Size
  - LUN Type
  - Thin
  - Tiering Policy
- Updated the **Collector Affinity** to *assigned collector* in all Dynamic Applications.
- Updated the "Dell EMC: Unity Classify Root Device Class" run book action so that it no longer uses the "EM7 Central Database" credential.

**NOTE:** After you update the PowerPack to version 103, ScienceLogic recommends that you edit the "Dell EMC: Unity Classify Root Device Class" run book action to change the **Snippet Credential** field to None.

- Updated the poll frequency to 15 minutes for the "Dell EMC: Unity Storage Pool Discovery" and "Dell EMC: Unity LUN Discovery" Dynamic Applications.
- Added a custom step to the PowerPack to support Retries in HTTP API calls. For more information see [HTTP Retries](#) in *Monitoring Dell EMC: Unity*.

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## Known Issues

This release has no known issues.

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