



Dell EMC: VMAX & PowerMax Unisphere API PowerPack Release Notes

Version 202

Overview

Version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack addresses an issue in which the "Dell EMC: VMAX Unisphere Classify Root Device Class" Run Book Action was failing during discovery.

- **Minimum Required SL1 Version:** 10.2.0
- **Minimum Required Version of Unisphere for VMAX:** 9.2.0.1

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Before You Install or Upgrade

Ensure that you are running version 10.2 or later of SL1 before installing *Dell EMC: VMAX and PowerMax Unisphere API* version 202.

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

Installation or Upgrade Process

To install version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack, perform the following steps:

CAUTION: You cannot upgrade to Version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack from the *Dell EMC: VMAXPowerPack*. You must freshly install this version and run a new discovery session.

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 10.2 or later release.
3. Search for and download the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack from the **PowerPacks** page on the [ScienceLogic Support Site](#).
4. In SL1, go to the **PowerPack Manager** page (System > Manage > PowerPacks).

5. Click the **[Actions]** button and choose *Import PowerPack*. The **Import PowerPack** modal appears.
6. Click **[Browse]** and navigate to the PowerPack file from step 3.
7. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
8. Click **[Install]**. After the installation is complete, the PowerPack appears on the **PowerPack Manager** page.

Features

Version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack includes the following features:

- The following Dynamic Applications to monitor core storage for Dell EMC: VMAX and PowerMax using its native REST API:
 - Dell EMC: VMAX Unisphere Array Capacity Stats
 - Dell EMC: VMAX Unisphere Array Config
 - Dell EMC: VMAX Unisphere Array Discovery
 - Dell EMC: VMAX Unisphere Components Config
 - Dell EMC: VMAX Unisphere Front End Director Discovery
 - Dell EMC: VMAX Unisphere Front End Director Stats
 - Dell EMC: VMAX Unisphere Front End Port Stats
 - Dell EMC: VMAX Unisphere SLO Array Capacity Stats
 - Dell EMC: VMAX Unisphere SLO Array Discovery
 - Dell EMC: VMAX Unisphere SLO Components Config
 - Dell EMC: VMAX Unisphere SLO Storage Group Discovery
 - Dell EMC: VMAX Unisphere SLO Storage Group LUN Config
 - Dell EMC: VMAX Unisphere Storage Group Discovery
 - Dell EMC: VMAX Unisphere Storage Group LUN Config
 - Dell EMC: VMAX Unisphere Storage Group SLO Config
 - Dell EMC: VMAX Unisphere Storage Group Stats
 - Dell EMC: VMAX Unisphere Storage Pool Capacity Stats
 - Dell EMC: VMAX Unisphere Storage Pool Discovery
 - Dell EMC: VMAX Unisphere Storage Resource Pool Capacity Stats
 - Dell EMC: VMAX Unisphere Storage Resource Pool Discovery
- Device Classes for each type of VMAX and PowerMax device monitored
- Event Policies that are triggered when VMAX and PowerMax devices meet certain status criteria
- An example credential that you can use as a template to create a SOAP/XML credential for connecting to a

Unisphere

- A Run Book Action and Run Book Automation Policy to classify the root Device Class

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack:

- Addressed an issue in which the "Dell EMC: VMAX Unisphere Classify Root Device Class" Run Book Action failed during discovery.

Known Issues

Version 202 of the *Dell EMC: VMAX and PowerMax Unisphere API* PowerPack has no known issues.

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ScienceLogic

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010