Dell EMC: XtremIO PowerPack Release Notes

Version 103

Table of Contents

Overview 3
Before You Install or Upgrade 3
Installation Process 3
Upgrading the PowerPack 4
Enhancements and Issues Addressed 4
Known Issues 5

Overview

Version 103 of the Dell EMC: XtremIO PowerPack adds several new Dynamic Applications to the PowerPack, replaces the example credential from previous versions with a new SOAP/XML example credential that can allow SSL verification, adds collection labels for LUNs and Storage Arrays, and updates the PowerPack's Device Categories.

- **Minimum Required Platform Version**: 8.2.0
- **Support Status**: GA
- **Other Key Information**: When configuring a discovery session for an XtremIO system:
  - The ***Initial Scan Level*** setting must be set to *5. Deep Discovery*
  - The ***Detection Method & Port*** field must include *TCP: 443 - https*

This document describes:

- *Pre-install or pre-upgrade information*
- *The new installation process for the PowerPack*
- *The upgrade process for the PowerPack*
- *The features included in version 103*
- *The known issues that affect version 103*

Before You Install or Upgrade

Ensure that you are running ScienceLogic system version 8.2.0 or later before installing the Dell EMC: XtremIO PowerPack version 103.

NOTE: For details on upgrading the ScienceLogic platform, see the appropriate ScienceLogic Release Notes.

Installation Process

If you are installing the Dell EMC: XtremIO PowerPack ***for the first time*** (that is, if you have never installed the PowerPack before), perform the following steps to install the 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 8.2.0 or later release.
3. Download version 103 of the Dell EMC: XtremIO PowerPack from the Customer Portal 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 103 of the PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.

Upgrading the PowerPack

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 PowerPack from overwriting local changes for some commonly customized fields.

NOTE: If you are currently using the Dynamic Applications in the Dell EMC: XtremIO 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 8.2.0 or later release.
3. Download version 103 of the Dell EMC: XtremIO PowerPack from the Customer Portal to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. Import version 103 of the PowerPack. For details on importing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the Dell EMC: XtremIO PowerPack:

- The following new Dynamic Applications were added to the PowerPack:
  - Dell EMC: XtremIO Cluster Capacity Stats
  - Dell EMC: XtremIO Cluster Stats
  - Dell EMC: XtremIO LUN Performance and Capacity Stats
  - Dell EMC: XtremIO Target Port Stats

NOTE: The "Dell EMC: XtremIO Cluster Stats" and "Dell EMC: XtremIO LUN Performance and Capacity Stats" Dynamic Applications collect performance metrics based on 10-minute granularity. Changing the polling intervals for these Dynamic Applications will not affect that granularity.

- The Basic/Snippet example credential included in the PowerPack was replaced with a new SOAP/XML example credential.

NOTE: You may continue using the Basic/Snippet credential to monitor XtremIO. If you do, HTTPS will still be used to encrypt the connection between the ScienceLogic platform and XtremIO, but the storage array's self-signed certificate will not be verified. By using the SOAP/XML credential, you may optionally enable verification of the storage array's self-signed certificate. Since the certificate is self-signed, you will need to determine if you trust the certificate and, if so, add it to a file. To enable certificate verification, type "True" in the SOAP/XML credential's ***Embedded Value %1*** field and append the applicable XMS root certificates to the file located at `/var/lib/em7/content/silo_rest/root_cert/xms_root_ca.crt` for any XMS being monitored. (Any value other than "True" (including no value) in the ***Embedded Value %1*** field will result in the certificate not being verified.)

- Collection labels were added for LUN and Storage Array presentation objects.
- The PowerPack's Device Categories were updated.

Known Issues

The following are known issues that affect version 103 of the Dell EMC: XtremIO PowerPack that will be addressed in a future release:

- During nightly discovery, multiple "HostnameNotFound" or "Temporary failure in name resolution" snippet exceptions will occur. You can work around this issue by specifying the actual hostname or IP address of the XtremIO system in the credential instead of the %D substitution.
- A known issue in the latest version of the Cisco: UCS PowerPack (version 100) prevents the UCS-XtremIO LUN relationships from being created. The relationships will work as expected with the previous version of the Cisco: UCS PowerPack (version 8.1.1).

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