



Dell EMC: XtremIO PowerPack Release Notes

Version 104

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Overview

Version 104 of the *Dell EMC: XtremIO PowerPack* includes improvements to various Dell EMC XtremIO Dynamic Applications.

- **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 installation and upgrade process for the PowerPack](#)
- [The features included in version 104](#)
- [The enhancements and issues addressed in version 104](#)
- [The known issues that affect version 104](#)

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 104.

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

Installing or Upgrading to Dell EMC: XtremIO PowerPack version 104

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.

To install the *Dell EMC: XtremIO PowerPack* for the first time or to upgrade from a previous version:

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 104 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 104 of the PowerPack.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

Features

Dell EMC: XtremIO PowerPack version 104 includes the following features:

- Dynamic Applications (13) that discover and collect data from Dell EMC XtremIO storage devices
- Event Policies (4) that are triggered when XtremIO storage devices meet certain status criteria
- Device Classes (4) for each type of XtremIO storage device monitored
- A sample credential (1) for discovering XtremIO storage devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 104 of the Dell EMC: XtremIO PowerPack:

- The device performance statistics are now updated at 10-second intervals for the "Dell EMC: XtremIO Cluster Stats" and "Dell EMC: XtremIO LUN Performance and Capacity Stats" Dynamic Applications. The smallest interval available in previous versions of this PowerPack was 10 minutes.
- This version adds caching support and changes the polling frequency for the "Dell EMC: XtremIO LUN Config " and "Dell EMC: XtremIO LUN Discovery" Dynamic Applications to prevent high CPU utilization.

Known Issues

The following known issue affects version 104 of the *Dell EMC: XtremIOPowerPack*, and it will be addressed in a future release:

- When unsupported performance data is received from the XMS, the following exceptions might be displayed in the system logs: "TypeError: unsupported operand type(s) for +: 'int' and 'unicode'" or "ValueError: max() arg is an empty sequence".

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