EMC: VNX SL1 Dashboards PowerPack Release Notes

Version 102

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Overview

Version 102 is the initial version of the EMC: VNX SL1 Dashboards PowerPack. Version 102 includes Dashboards that present graphical representations of the configuration data and performance metrics that are collected for EMC VNX devices by the EMC: VNX PowerPack

NOTE: These dashboards are intended for use only in the new SL1 user interface and will not load in the classic ScienceLogic platform user interface.

- Minimum Required SL1 Version: 8.12.1
- Minimum Required AP2 Version: 5.155.0-hotfix.8
- Minimum Required Widget Components Version: 2.185.0-hotfix.3
- Minimum Required EMC: VNX PowerPack Version: 101
- Support Status: Beta

This document describes:

- Pre-install information
- The installation process for the PowerPack
- The features included in version 102

Before You Install

Before installing the EMC: VNX SL1 Dashboards PowerPack version 102, you must first ensure that you are running version 8.12.1 or later of SL1, AP2 version 5.155.0-hotfix.8 or later, and Widget Components version 2.185.0-hotfix.3 or later.

NOTE : For details on upgrading SL1, see the appropriate SL1 Release Notes.
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You must also import and install the EMC: VNX PowerPack version 101 or later before installing the EMC: VNX SL1 Dashboards PowerPack version 102.

Installation Process

To install version 102 of the EMC: VNX SL1 Dashboards PowerPack, perform the following steps:

- 1. If you have not done so already, upgrade your SL1 system to the 8.12.1 or later release.
- 2. If you have not done so already, install the EMC: VNX PowerPack version 101 or greater.
- 3. Download version 102 of the EMC: VNX SL1 Dashboards PowerPack from the Customer Portal to a local computer.
- Go to the PowerPack Manager page (System > Manage > PowerPacks). Click the [Actions] menu and choose Import PowerPack. When prompted, import version 102 of the EMC: VNX SL1 Dashboards PowerPack.
- 5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.

Included Features

The following dashboards are included in version 102 of the EMC: VNX SL1 Dashboards PowerPack:

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- An "EMC: VNX RAID Group" dashboard, which includes the following widgets that display overview data about your VNX RAID Groups:
 - VNX RAID Groups
 - Usable Capacity (avg)
 - Usable Capacity Utilization (avg)
 - Events
 - Raw Capacity Utilization (avg)
 - Usable Capacity Forecast (avg)

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- An "EMC: VNX RAID Group LUN" dashboard, which includes the following widgets that display data about your VNX RAID devices:
 - VNX RAID Devices
 - Service Time (avg)
 - LUN Utilization (avg)
 - $\circ \ \ \, Events$
 - Cache R/W (avg)
 - IO Total (avg)
 - Throughput R/W (avg)

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- An "EMC: VNX Storage Pool" dashboard, which includes the following widgets that display data about your VNX storage pools:
 - VNX Storage Pool Devices
 - Usable Capacity Percent Used
 - Raw Capacity Percent Used
 - Raw & Usable Used Capacity (avg)
 - Raw Capacity (avg)
 - Usable Capacity (avg)
 - \circ Events
 - Free Usable Capacity Forecast (avg)

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- An "EMC: VNX Storage Pool LUN" dashboard, which includes the following widgets that display data about your VNX storage pool LUN devices:
 - VNX Storage Pool LUN Devices
 - Service Time (avg)
 - Service Time Forecast (avg)
 - \circ Events
 - Input & Output Operations (avg)
 - LUN Utilization (avg)
 - LUN Utilization Forecast (avg)

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- An "EMC: VNX Storage Processor" dashboard, which includes the following widgets that display data about your VNX storage processor devices:
 - VNX Storage Processor Devices
 - CPU (avg)
 - Input / Output Operations (avg)
 - Events
 - Top 10 FC Port I/O (avg)
 - Selected FC Port I/O (avg)
 - Top 10 iSCSI Port I/O (avg)
 - Selected iSCSI Port I/O (avg)

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- An "EMC: VNX Storage System" dashboard, which includes the following widgets that display data about your VNX storage systems:
 - VNX Storage System Devices
 - Free Capacity (avg)
 - Free Capacity Forecast (avg)
 - Events
 - Array Raw Capacity Utilization (avg)
 - Array Raw Storage Capacity (avg)
 - Input & Output Operations (avg)

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