Pure Storage PowerPack Release Notes

Version 101

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Overview

Version 101 of the *Pure Storage* PowerPack is an upgrade to version 100. It includes updated Dynamic Applications and addresses issues found in version 100.

- **Minimum Required Platform Version**: 8.7.0
- **Support Status**: GA
- **Versions Supported**: Purity Storage REST API 1.4

NOTE: To discover Pure Storage Purity FlashArrays, you must enable API access and include the API key in the Basic/Snippet credential. You must also set the discovery session's ***Initial Scanning Level*** setting to *5. Deep Discovery* and the ***Detection Method & Port*** setting to *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 101*
- *The enhancements and issues addressed in version 101*

Before You Install or Upgrade

Ensure that you are running version 8.7.0 or later of SL1 before installing or upgrading to the *Pure Storage* PowerPack version 101.

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

Installing or Upgrading to Pure Storage PowerPack version 101

To install the *Pure Storage* PowerPack for the first time or to upgrade from a previous version, 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.

NOTE: If you are currently using the Dynamic Applications in the *Pure Storage* 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. See the ***Before You Install or Upgrade*** section. If you have not done so already, upgrade your system to the 8.7.0 or later release.
2. Download version 101 of the *Pure Storage* PowerPack from the Customer Portal to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 101 of the *Pure Storage* PowerPack.
4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
5. See the manual ***Monitoring Pure Storage*** for instructions on using the new PowerPack.

Included Features

Pure Storage PowerPack version 101 includes the following features:

- Dynamic Applications to discover and collect configuration and performance data for Pure Storage FlashArrays and component devices.
- Device Classes for each of the Pure Storage devices monitored
- Event Policies and corresponding alerts that are triggered when Pure Storage devices meet certain status criteria
- A sample Credential for discovering Pure Storage devices
- Dashboards that display information about Pure Storage devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *Pure Storage* PowerPack:

- The "Pure Storage: Volume Snapshots Config" Dynamic Application no longer auto-aligns to the root device.
- An issue that caused discovery to time out due to a mismatch in units of time (milliseconds versus seconds) between credentials and Dynamic Applications was addressed by converting the unit of time to seconds in the discovery snippets contained in the following Dynamic Applications:
    - Array Capacity Stats
    - Array Discovery
    - Array Stats
    - Controller Config
    - Drive Config
    - Hardware Config
    - Hosts & Groups Config
    - Message Log Config
    - Protection Groups Config
    - Temperature Stats
    - Volume Discovery
    - Volume Snapshots Config
- Error and logger context managers were added to all discovery snippets to prevent full stack traces from appearing in device logs and to suppress exceptions and error logs during discovery.
- An issue was addressed in which the following Dynamic Applications triggered a global name error while attempting to write a collection problem event to the device log:
    - Pure Storage: Array Stats
    - Pure Storage: Host Groups & Hosts Config
    - Pure Storage: Hosts & Groups Config
    - Pure Storage: Protection Groups Config
    - Pure Storage: Snapshot Config
    - Pure Storage: Volume Capacity Stats
    - Pure Storage: Volume Snapshots Config
    - Pure Storage: Volume Stats

NOTE: If you upgrade to 101 of the *Pure Storage* PowerPack, the "Pure Storage: Volume Snapshots Config" Dynamic Application continues to log errors during discovery. The logging will only occur for the initial device discovery.

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

International: +1-703-354-1010