ScienceLogic

NetApp Base Pack PowerPack Release Notes

Version 102

Table of Contents

Overview

Version 102 of the *NetApp Base Pack* PowerPack adds support for monitoring cluster, node, and storage logical interfaces (LIFs).

- **Minimum Required Platform Version**: 8.2.0
- **Support Status**: GA

This document describes:

- *Pre-install or pre-upgrade information*
- *The installation and upgrade process for the PowerPack*
- *The features included in version 102*
- *The enhancements and issues addressed in version 102*
- *The known issues that affect version 102*

Before You Install or Upgrade

Ensure that you are running version 8.2.0 or later of the ScienceLogic platform before installing the *NetApp Base Pack* PowerPack version 102.

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

Installing or Upgrading to NetApp Base Pack PowerPack version 102

To install the *NetApp Base Pack* 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 *NetApp Base Pack* 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 102 of the *NetApp Base Pack* 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 102 of the *NetApp Base Pack* PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
6. To align the new Dynamic Applications, rediscover the existing NetApp nodes and clusters. For details on discovering NetApp devices, see the manual Monitoring NetApp Appliances.

Included Features

NetApp Base Pack PowerPack version 102 includes the following features:

- Dynamic Applications that discover, model, and collect data from NetApp storage devices
- Device classes for each of the NetApp component devices monitored
- Event policies and corresponding alerts that are triggered when NetApp component devices meet certain status criteria
- Sample credentials for discovering NetApp component devices
- A device dashboard that displays information about NetApp clusters

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *NetApp Base Pack* PowerPack:

- The following Dynamic Applications were added to support the monitoring of cluster, node, and storage logical interfaces (LIFs) for NetApp Clustered Data ONTAP operating system versions 8.2.2 and later:

  ○ NetApp: Cluster Logical Interface Config C-Mode
  ○ NetApp: Cluster Logical Interface Stats C-Mode
  ○ NetApp: Node Logical Interface Config C-Mode
  ○ NetApp: Node Logical Interface Stats C-Mode

- NetApp: SVM Logical Interface Config C-Mode
- NetApp: SVM Logical Interface Stats C-Mode

- New Event Policies were added to alert users when cluster, node, and storage LIFs are down or if they have moved to another physical port.

- The following changes were made to the PowerPack's Device Classes to match current NetApp device naming standards:

  - The "vServer Node" Device Class was renamed "Node SVM", and its Device Category was updated from Storage.Server to Storage.Controller.
  - The "vServer Data" Device Class was renamed "Data SVM".
  - The "Cluster" Device Class' Device Category was updated from Storage.SAN to Storage.Array.
  - The "vServer" and "vServer Admin" Device Classes were removed.

NOTE: The "vServer" and "vServer Admin" Device Classes will still appear if you are upgrading from a previous version of the *NetApp Base Pack* PowerPack, to preserve those devices if they appear in your device registry. However, those Devices Classes will not appear in new installations of the PowerPack.

Known Issues

The following known issue affects version 102 of the *NetApp Base Pack* PowerPack, and it will be addressed in a future release:

- A snippet in the "NetApp: Cache C-Mode" Dynamic Application is generating the following exception: ('Connection aborted.', BadStatusLine("''',)) (ConnectionError: ('Connection aborted.', BadStatusLine("''',)) raise ConnectionError(err, request=request))

- The Dynamic Application "NetApp: SVM Logical Interface Stats C-Mode" includes Fibre Channel Protocol (FCP) logical interfaces (LIF) when it should only include Ethernet logical interfaces. There might not be data shown for the FCP LIFs.

- If you monitor NetApp Clustered Data ONTAP operating system versions 8.2.2 and later, multiple Dynamic Applications ("NetApp: SVM Logical Interface Stats C-Mode" and all Dynamic Applications that monitor Logical Interfaces) will display the spurious error message "Object ifnet was not found" in the device logs.

© 2003 - 2017, ScienceLogic, Inc.

LIMITATION OF LIABILITY AND GENERAL DISCLAIMER

ALL INFORMATION AVAILABLE IN THIS GUIDE IS PROVIDED "AS IS," WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED. SCIENCELOGIC™ AND ITS SUPPLIERS DISCLAIM ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.

Although ScienceLogic™ has attempted to provide accurate information on this Site, information on this Site may contain inadvertent technical inaccuracies or typographical errors, and ScienceLogic™ assumes no responsibility for the accuracy of the information. Information may be changed or updated without notice. ScienceLogic™ may also make improvements and / or changes in the products or services described in this Site at any time without notice.

Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: legal@sciencelogic.com

ScienceLogic