ScienceLogic

Net-SNMP Base Pack PowerPack Release Notes

Version 102

Overview

Version 102 of the "Net-SNMP" PowerPack upgrades the PowerPack to be Python 3-compatible and sets the Collector Affinity configuration option to Assigned Collector for all Dynamic Applications in the PowerPack.

- **Minimum Required SL1 Version**: 11.3.0

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Before You Install or Upgrade

Ensure that you are running SL1 version 11.3.0 or later before installing this PowerPack.

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

Installing or Upgrading to this Version

To install the "Net-SNMP" 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 local changes for some commonly customized fields from being overwritten.

NOTE: If you are currently using the Dynamic Applications in the Net-SNMP 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 11.3.0 or later release.
3. Download version 102 of the *Net-SNMP Base Pack* PowerPack from the Support Site 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 PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **Install** button to install the PowerPack.

Included Features

"Net-SNMP" PowerPack version 102 includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for Net-SNMP applications, including:

    - Net-SNMP: CPU
    - Net-SNMP: Physical Memory
    - Net-SNMP: Swap
- Device classes for each type of Net-SNMP device monitored
- Event policies that are triggered when Net-SNMP devices meet certain status criteria

Enhancements and Issues Addressed

The following changes are included in this release:

- Updated the PowerPack to be Python 3-compatible.
- Set the ***Collector Affinity*** configuration option to *Assigned Collector* for all Dynamic Applications in the PowerPack.

Known Issues

The following known issue affects this version of the PowerPack:

- A "BulkStatsNotSupportedError" error might periodically display for the "EMC: VMAX Statistics Cache" Dynamic Application. If this occurs, "CacheDataIsEmpty" errors might also display for the "EMC: VMAX Array Stats", "EMC: VMAX LUN Stats", and "EMC: VMAX Storage Group Stats" Dynamic Applications.

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