ScienceLogic

JMX: Base Pack PowerPack Release Notes

Version 103

Overview

Version 103 of the *JMX: Base Pack* PowerPack addresses an added execution environment, updated silo libraries, and enhancements to the UHE device-discovery process.

- **Minimum Required SL1 Version**: 8.14.1
- **Models Supported**: HotSpot, IBM J9 (JVM), OpenJDK

Before You Install or Upgrade 2
Installation and Upgrade Process 2
Features 3
Enhancements and Issues Addressed 3
Known Issues 3

Before You Install or Upgrade

Ensure that you are running version 8.14.1 or later of SL1 before installing *JMX: Base Pack* version 103.

NOTE: For details on upgrading SL1, see the appropriate Release Notes.

Installation and Upgrade Process

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 this 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 this PowerPack:

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 8.14.1 or later release.
3. Download the "JMX: Base Pack" version 103 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 "JMX: Base Pack" version 103.
5. Click the **[Install]** button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the ***PowerPacks*** manual.

Features

Version 103 of the *JMX: Base Pack* PowerPack includes the following features:

- JMX: Base Pack Version PowerPack updated from BETA to GA.

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 103 of the *JMX: Base Pack* PowerPack:

- Updated the status of the JMX: Base Pack from BETA to GA.
- Upgraded the following libraries:
    - silo_app 1.28.0
    - silo_jmx 1.0.1
    - silo_jmxquery 0.0.3
- Addressed an issue in which some Collection Objects returned unavailable, or undefined values (i.e. "-1"), during collection.
- Changed the class type of the CPU Load and VM CPU Load Collection Objects, in the "JMX: Runtime Performance (IBM)" Dynamic Application, to Performance Gauge.
- Added filters to asses valid JMX credentials before the alignment of JMX Dynamic Applications.
- Added a new execution environment to replace the "Default" environment option. This new environment requires 8.14.1 as a SLI minimum version.

Known Issues

The following known issues affect version 103 of the *JMX: Base Pack* PowerPack:

- Data Gaps may be present until collection objects, that are not collecting, are disabled with Object Maintenance.

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