Docker PowerPack Release Notes

Version 104

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Overview

Version 104 of the *Docker* PowerPack addresses several container aggregation issues.

- **Minimum Required Platform Version**: 8.7.1.2
- **Support Status**: Beta

This document describes:

- *Pre-install or pre-upgrade information*
- *The installation and upgrade process for the PowerPack*
- *The features included in version 104*
- *The enhancements and issues addressed in version 104*
- *The known issues that affect version 104*

Before You Install or Upgrade

Before installing or upgrading the *Docker* PowerPack version 104, ensure that you are running version 8.7.1.2 or later of the ScienceLogic platform.

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

You must also enable the Docker API. For instructions, see the ***Monitoring Docker*** manual.

Installation or 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 PowerPack from overwriting local changes for some commonly customized fields.

NOTE: If you are currently using the Dynamic Applications in the *Docker* 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 the *Docker* PowerPack for the first time or to upgrade from a previous version:

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 8.7.1.2 or later release.
3. Download version 104 of the *Docker* 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 104 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

Docker PowerPack version 104 includes the following features:

- Dynamic Applications that discover and collect data from Docker component devices
- Device Classes for each type of Docker component device monitored
- Event policies that are triggered when Docker devices meet certain status criteria
- Run Book Actions and Policies that automate some aspects of the device discovery and creation process
- An example Basic/Snippet Credential and an example SSH/Key Credential for discovering Docker devices
- Device Dashboards that display information about Docker component devices

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 104 of the *Docker* PowerPack:

- A new Run Book Action, "Docker: Vanish Timer Update Status Write", was added to the PowerPack. In conjunction with a new "Docker: Vanish Timer Update" Event Policy and the existing "Docker: Component Vanish Timer Update" Run Book Policy, this new RBA will update vanish and purge timer thresholds whenever new components are discovered.
- The "Docker: Container Configuration" Dynamic Application was updated to ensure that dynamic component map relationships display correctly on the **Device View** (Registry > Devices > Device Manager > graph icon > Topology) and **Device Component Map** (Views > Device Maps > Components) pages.
- An issue was addressed that was preventing swarm performance and service container configuration data from being aggregated at the swarm component.
- An issue was addressed that was causing the "Docker: Container Performance" Dynamic Application to not cache performance data properly.

Known Issues

The following known issue affects version 104 of the *Docker* PowerPack:

- When the *Docker* PowerPack is used in conjunction with the *Linux Base Pack* PowerPack, a conflict arises wherein both PowerPacks attempt to classify the Docker Device Classes. To avoid this conflict, disable the "Linux Classification and Automation" Run Book Action in the *Linux Base Pack* PowerPack.

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

International: +1-703-354-1010