



Linux Base Pack PowerPack Release Notes

Version 101

Overview

Version 101 of the *Linux Base Pack* PowerPack adds the ability to integrate with the *Kubernetes* PowerPack.

- **Minimum Required Platform Version:** 8.7.0

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Before You Install or Upgrade

Ensure that you are running version 8.7.0 or later of SL1 before installing *Linux Base Pack* version 101.

NOTE: For details on upgrading SL1, see the appropriate [Release Notes](#).

Installing or Upgrading the PowerPack

To install or upgrade the *Linux Base Pack* PowerPack, perform the following steps:

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 8.7.0 or later release.
3. Download *Linux Base Pack* version 101 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 *Linux Base Pack* version 101.
5. Click the Install button. For details on installing PowerPacks, see the chapter on *Installing a PowerPack* in the **PowerPacks** manual.

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.

For more information about using the PowerPack, see the *Monitoring Linux Base Pack* manual.

Features

Version 101 of the *Linux Base Pack* PowerPack includes the following features:

- Dynamic Applications that discover and collect configuration and performance data for Linux systems
- Event Policies and corresponding alerts that are triggered when Linux systems meet certain status criteria
- Device Classes for each type of Linux system monitored
- A Run Book Action and an Automation policy to assign the proper device classes to Linux systems

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 101 of the *Linux Base Pack* PowerPack:

- The PowerPack was updated to integrate with the Kubernetes PowerPack.
- The following Dynamic Applications were updated to enable them to collect data from Kubernetes devices:
 - Linux: Configuration Cache
 - Linux: Performance Cache
- The "Linux: Configuration Cache" Dynamic Application was also updated to prevent "Linux Classification and Automation" messages from appearing in the Device Log for Kubernetes Nodes.

NOTE: The "Linux Classification and Automation" messages will still appear in the Device Log for Linux servers.

Known Issues

The following known issues were found in version 101 of the *Linux Base Pack* PowerPack:

- Some of the Dynamic Applications in Version 101 of the *Linux Base Pack* PowerPack use the Paramiko library for SSH connections. This library is not Federal Information Processing Standards (FIPS)-compliant. Therefore, the PowerPack will not work on FIPS-compliant systems.
- Auto-alignment of the "Linux: Configuration Cache" Dynamic Application may not work on the ScienceLogic Platform version 8.9.x. It can be aligned manually by using a template. Once the "Linux: Configuration Cache" Dynamic Application is aligned, it triggers a Run Book Automation to align the other Dynamic Applications.

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

International: +1-703-354-1010