



Linux Base Pack PowerPack Release Notes

Version 101

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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
- **Support Status:** GA

This document describes:

- [Pre-installation or pre-upgrade information](#)
- [The installation and upgrade process for the PowerPack](#)
- [The features included in version 101](#)
- [The enhancements and issues addressed in version 101](#)
- [The known issues for version 101](#)

Before You Install or Upgrade

Ensure that you are running version 8.7.0 or later of the ScienceLogic platform before installing the *Linux Base Pack* PowerPack version 101.

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

Installing or Upgrading Linux Base Pack PowerPack version 101

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 *Linux 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.

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

1. 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.
2. Familiarize yourself with the [Known Issues](#) for this release.
3. Download version 101 of the *Linux 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 101 of the *Linux 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. See the manual *Monitoring Linux and Solaris* for instructions on using the PowerPack.

Features

Linux Base Pack PowerPack version 101 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 *Linux Base Pack* 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 issue affects 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 *Linux Base Pack* 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