Linux Base Pack PowerPack Release Notes

Version 100

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Overview

Version 100 of the *Linux Base Pack* PowerPack is an upgrade to version 1.0.17.4 of the *Linux SSH Management* PowerPack. It includes Dynamic Applications, Device Classes, Event Policies, and Run Book Actions for monitoring Linux servers using the SSH protocol.

- **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 100*
- *The enhancements and issues addressed in version 100*

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 100.

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

Installing or Upgrading Linux Base Pack PowerPack version 100

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. Download version 100 of the *Linux Base Pack* PowerPack from the Customer Portal to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 100 of the *Linux Base Pack* PowerPack.
4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.
5. See the manual ***Monitoring Linux and Solaris*** for instructions on using the PowerPack.

Features

Linux Base Pack PowerPack version 100 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 100 of the *Linux Base Pack*PowerPack:

- The following Dynamic Applications were added to the PowerPack:
    - Linux: Configuration Cache
    - Linux: Performance Cache
- The following Dynamic Applications were updated to meet current ScienceLogic engineering standards:
    - Linux: CPU Config
    - Linux: CPU Cores
    - Linux: CPU Stats
    - Linux: Disk IOPS Stats
    - Linux: File System Stats
    - Linux: Hardware Config
    - Linux: ICMP Stats
    - Linux: Interface Stats
    - Linux: Memory Stats

    - Linux: Network Config
    - Linux: System Config
    - Linux: System Load
    - Linux: TCP Services
    - Linux: TCP Stats
    - Linux: UDP Services
    - Linux: UDP Stats
- The following Dynamic Applications were removed from the PowerPack:
    - Linux: Hardware Devices
    - Linux: *Collection via SSH
    - SSH: Interface Merge

NOTE: If you are upgrading from a previous version of the *Linux Base Pack*PowerPack, you must manually disable or delete these Dynamic Applications.

- The Dynamic Application and Credentials use to support Zabbix Agent data collection were removed from the PowerPack.
- The "Linux Classification and Automation" Event Policy, Run Book Action, and Run Book Policy were updated to meet current ScienceLogic engineering standards and to classify devices as generic Device Classes when the ScienceLogic platform cannot match them with specific Device Class versions.
- Some system log error messages were updated to meet current ScienceLogic engineering standards.

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