Linux Server SL1 Dashboards

Linux Server SL1 Dashboards PowerPackversion 100

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Chapter 1

Introduction

Overview

This manual describes the dashboards and widgets that are included in the *Linux Server SL1 Dashboards* PowerPack.

The following sections provide an overview of the *Linux Server SL1 Dashboards* PowerPack:

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Linux Server SL1 Dashboards PowerPack Contents

The *Linux Server SL1 Dashboards* PowerPack includes dashboards that present graphical representations of the configuration data and performance metrics that are collected for Linux devices by the *Linux Base Pack* PowerPack.

NOTE: These dashboards are intended for use only in the new SL1 user interface and will not load in the classic ScienceLogic platform user interface. To access the new SL1 user interface, type **/ap2** at the end of the URL or IP address you use to access the classic ScienceLogic platform user interface.

NOTE: The *Linux Server SL1 Dashboards* PowerPack requires a minimum AP2 version of 5.114.6 and minimum widget components version of 2.168.10. You can view the version information on the **Content Management** page (Manage > Content Management) of the new SL1 user interface.

Installing the Required PowerPacks

The *Linux Server SL1 Dashboards* PowerPack includes dashboards that present Linux device data that is collected by the *Linux Base Pack* PowerPack. Before completing the steps in this manual, you must import and install the following PowerPacks:

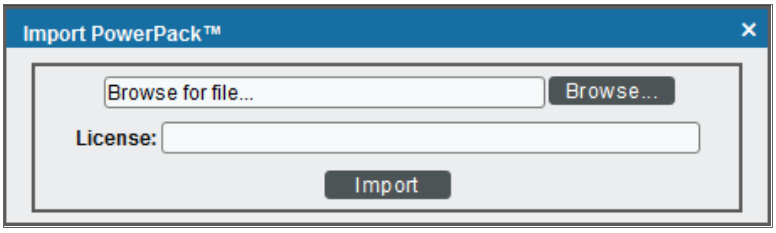
- *Linux Base Pack* PowerPack version 101 or greater
- *Linux Server SL1 Dashboards* PowerPack version 100

TIP: By default, installing a new version of a PowerPack overwrites all content from a previous version of 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 new PowerPacks from overwriting local changes for some commonly customized fields. (For more information, see the ***System Administration*** manual.)

To download and install a PowerPack:

1. Download the PowerPack from the ScienceLogic Customer Portal.
2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
3. In the **PowerPack Manager** page, click the **[Actions]** button, then select *Import PowerPack*.

4. The **Import PowerPack** dialog box appears:



5. Click the **[Browse]** button and navigate to the PowerPack file.
6. When the **PowerPack Installer** modal page appears, click the **[Install]** button to install the PowerPack.

> **NOTE:** If you exit the **PowerPack Installer** modal page without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPack Manager** page. However, the imported PowerPack will appear in the **Imported PowerPacks** modal page. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

Chapter 2

Viewing the Linux Server SL1 Dashboards

Overview

The following sections describe the dashboards and widgets that are included in the *Linux Server SL1 Dashboards* PowerPack:

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Linux: File System Dashboard

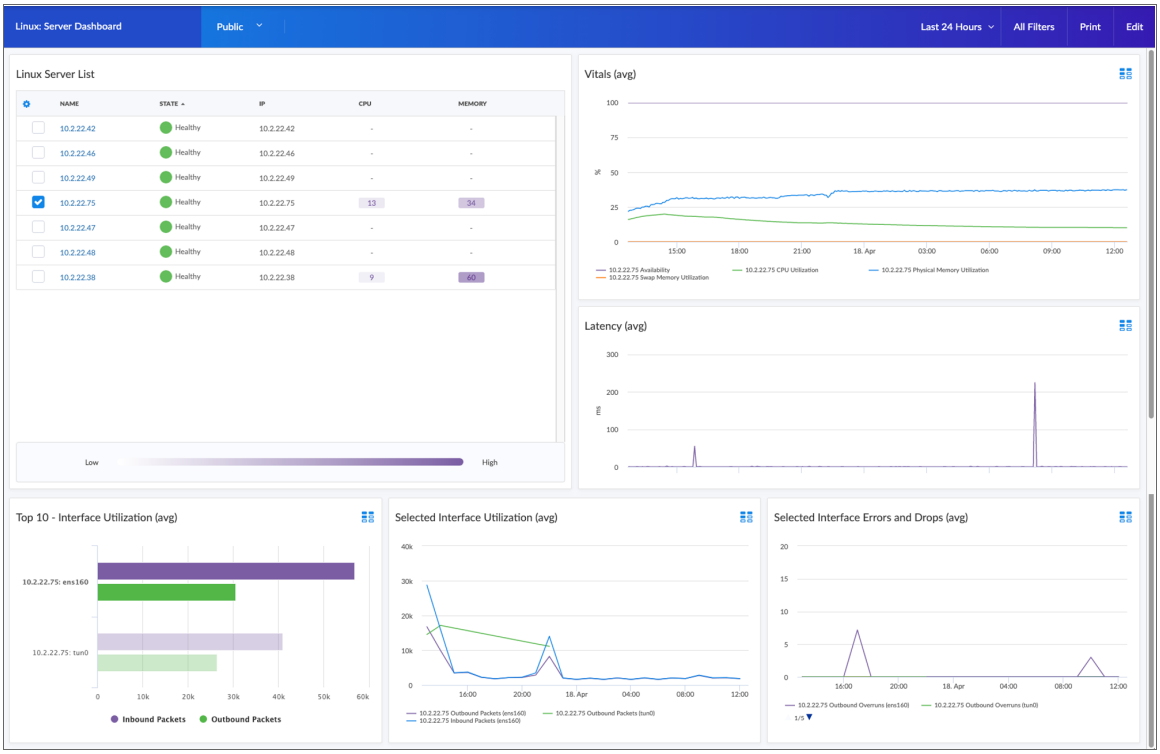
The "Linux: File System" dashboard provides summary information about your Linux file systems. It includes the following widgets:

- ***Linux System List.*** A list of available Linux systems that displays the device name and current health state for each system. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a system, select its checkbox. You can select more than one system at a time.
- ***Vitals.*** A graph displaying the average availability, CPU utilization, and memory usage percentages for the selected system during the selected time period.
- ***Latency.*** A graph displaying the average latency in milliseconds (ms) for the selected system during the selected time period.
- ***Top 10 - Load Average.*** A list of the top 10 systems based on maximum load average percentage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional load statistics for a system, click its name.
- ***Selected Load Average.*** A graph displaying the average load per hour for the selected system during the selected time period.

- ***Top 10 - CPU.*** A list of the top 10 systems based on maximum CPU usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional CPU statistics for a system, click its name.
- ***Selected CPU.*** A graph displaying the average CPU usage percentage for the selected system during the selected time period.
- ***Top 10 - Memory.*** A list of the top 10 systems based on maximum memory utilization during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional memory statistics for a system, click its name.
- ***Selected Memory Stats.*** A graph displaying the average memory utilization percentage for the selected system during the selected time period.
- ***Top 10 - Disk Input/Output per Second.*** A list of the top 10 systems based on maximum disk input and output per second during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional disk IOPS statistics for a system, click its name.
- ***Selected Disk Input/Output per Second Stats.*** A graph displaying the average disk input and output per second for the selected system during the selected time period.
- ***Top 10 - File System Utilization.*** A list of the top 10 systems based on maximum file system utilization during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional utilization statistics for a system, click its name.
- ***Selected File System Utilization.*** A graph displaying the average file system utilization percentage for the selected system during the selected time period.
- ***Top 10 - Interface Usage.*** A list of the top 10 systems based on maximum interface usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional interface usage statistics for a system, click its name.
- ***Selected Interface Usage.*** A graph displaying the average interface usage in inbound and outbound bytes for the selected system during the selected time period.
- ***Top 10 - Interface Errors.*** A list of the top 10 systems based on the maximum number of interface errors during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional interface error statistics for a system, click its name.
- ***Selected Interface Errors.*** A graph displaying the average number of interface errors for the selected system during the selected time period.
- ***Top 10 - TCP/UDP Stats.*** A list of the top 10 systems based on the maximum TCP/UDP statistics during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional TCP/UDP statistics for a system, click its name.
- ***Selected TCP/UDP Stats.*** A graph displaying the average TCP/UDP statistics for the selected system during the selected time period.
- ***Top 10 - Zombie Processes.*** A list of the top 10 systems based on the maximum number of zombie processes during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional zombie process statistics for a system, click its name.
- ***Selected Zombie Processes.*** A graph displaying the average number of zombie process for the selected system during the selected time period.

Linux: Server Dashboard

The "Linux: Server" dashboard provides summary information about your Linux servers. It includes the following widgets:



- ***Linux Server List.*** A list of available Linux servers that displays the device name and current health state for each server. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a server, select its checkbox. You can select more than one server at a time.
- ***Vitals.*** A graph displaying the average memory usage percentage for the selected sever during the selected time period.
- ***Latency.*** A graph displaying the average latency in milliseconds (ms) for the selected server during the selected time period.
- ***Top 10 - Interface Utilization.*** A list of the top 10 servers based on maximum interface utilization during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional interface utilization statistics for a sever, click its name.
- ***Selected Interface Utilization.*** A graph displaying the average interface utilization for the selected server during the selected time period.
- ***Selected Interface Errors and Drops.*** A graph displaying the average number of interface errors and drops for the selected server during the selected time period.

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