



Cisco UCS: SL1 Dashboards

Cisco: UCS SL1 Dashboards PowerPack version 100

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Chapter

1

Introduction

Overview

This manual describes the dashboards and widgets that are included in the *Cisco: UCS SL1 Dashboards PowerPack*.

The following sections provide an overview of the *Cisco: UCS SL1 Dashboards PowerPack*:

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Cisco: UCS SL1 DashboardsPowerPack Contents

The *Cisco: UCS SL1 Dashboards PowerPack* includes dashboards that present graphical representations of the configuration data and performance metrics that are collected for Cisco devices by the *Cisco: UCS 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 *Cisco: UCS 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 *Cisco: UCS SL1 Dashboards PowerPack* includes dashboards that present Cisco UCS device data that is collected by the *Cisco: UCS PowerPack*. Before completing the steps in this manual, you must import and install the following PowerPacks:

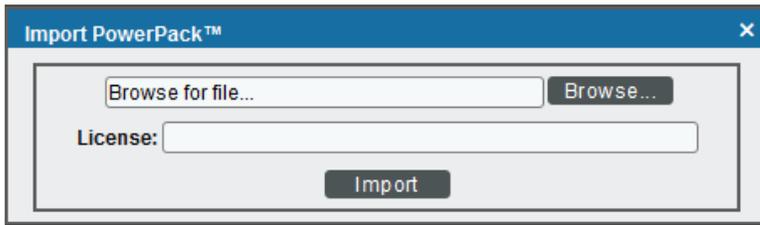
- *Cisco:UCS PowerPack* version 104 or greater
- *Cisco: UCS SL1 Dashboards PowerPack* version 100

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 Cisco UCS SL1 Dashboards

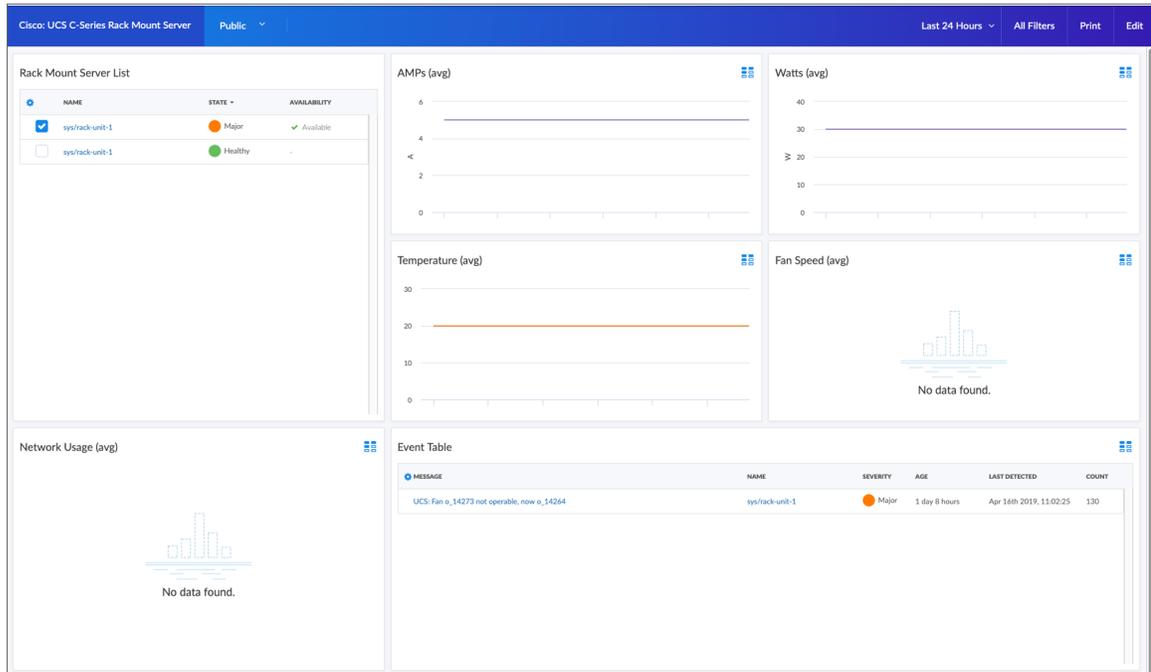
Overview

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

<i>UCS C-Series Rack Mount Server Dashboard</i>	7
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UCS C-Series Rack Mount Server Dashboard

The "Cisco: UCS C-Series Rack Mount Server" dashboard provides overview data about your C-Series rack servers. It includes the following widgets:



- **Rack Mount Server List.** A list of available Rack Mount Servers that displays the device ID and current health state for each server. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a sever, select its checkbox. You can select more than one server at a time.
- **AMPs.** A graph displaying the average amp measurement for the selected server during the selected time period.
- **Watts.** A graph displaying the average watt measurement for the selected sever during the selected time period.
- **Temperature.** A graph displaying the average temperature for the selected server during the selected time period.
- **Fan Speed.** A graph displaying the average fan speed for the selected sever during the selected time period.
- **Network Usage.** A graph displaying the average network usage for the selected server during the selected time period.
- **Events.** A list of events associated with the selected server that displays the event message, server name, color-coded severity, age, last detected date and time, and count for each event.

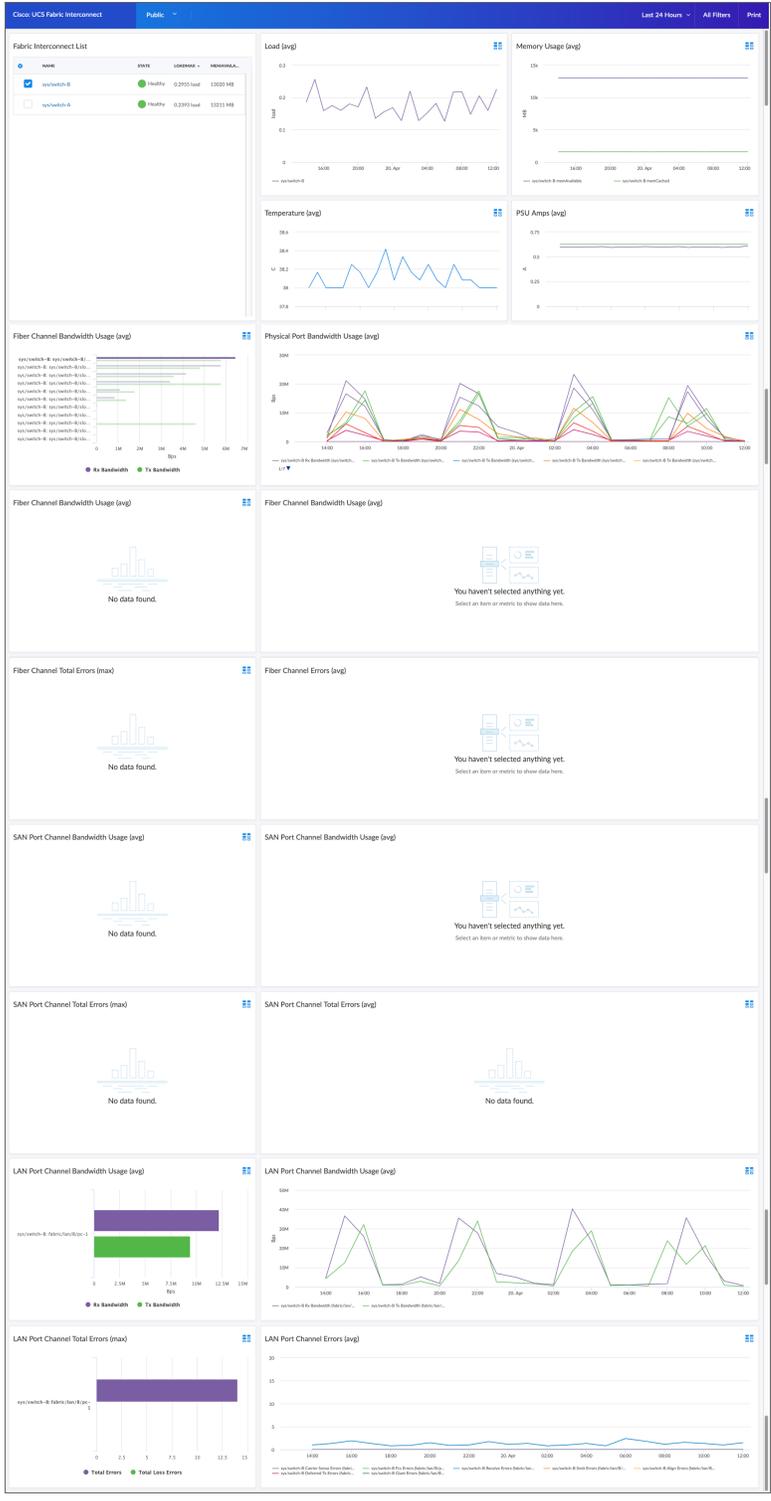
UCS Chassis Dashboard

The "Cisco: UCS Chassis" dashboard provides data about your UCS chassis. It includes the following widgets:

- **UCS Manager List.** A list of available UCS managers that displays the manager ID and current health state for each manager. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a manager, select its checkbox. You can select more than one manager at a time.
- **AMPs.** A graph displaying the average AMP measure for the selected chassis during the selected time period.
- **Watts.** A graph displaying the average watt measure for the selected chassis during the selected time period.
- **Device Component Table.** A list of available device components that displays the health state and availability for each device. This "leaderboard" widget controls what data appear in the other widgets. To view dashboard data for a device, select its checkbox. You can select more than one device at a time.
- **Availability.** A graph displaying the average availability percentage for the selected chassis during the selected time period.
- **Fan Speed.** A graph displaying the average fan speed for the selected chassis during the selected time period.
- **Ambient Temperature.** A graph displaying the average ambient temperature in Celsius for the selected chassis during the selected time period.
- **Output Current.** A graph displaying the average output current in ampere for the selected chassis during the selected time period.
- **Output Power.** A graph displaying the average output power in watts for the selected chassis during the selected time period.

UCS Fabric Interconnect Dashboard

The "Cisco: UCS Fabric Interconnect" dashboard provides data about your UCS Fabric Interconnect devices. It includes the following widgets:



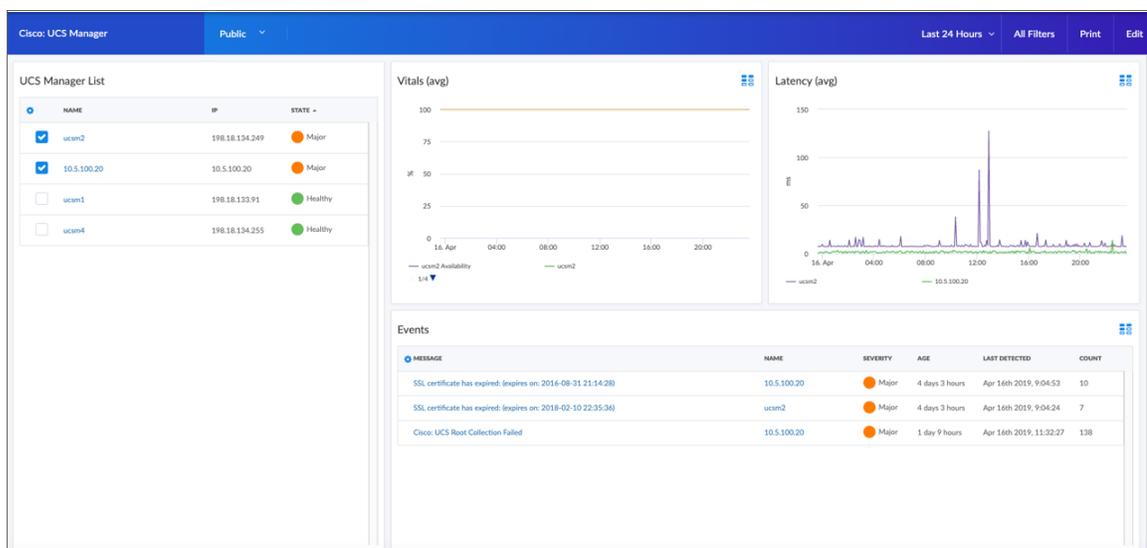
- **Fabric Interconnect List.** A list of available UCS Fabric Interconnect devices that displays the maximum load, memory available and current health state for each device. This "leaderboard" widget controls what data appears in other widgets. To view dashboard data for a device, select its checkbox. You can selected

more than one device at a time.

- **Load.** A graph displaying the average load for the selected device during the selected time period.
- **Memory Usage.** A graph displaying the average memory usage in megabytes for the selected device during the selected time period.
- **Temperature.** A graph displaying the average temperature in Celsius for the selected device during the selected time period.
- **PSU Amps.** A graph displaying the average PSU amp measure for the selected device during the selected time period.
- **Fiber Channel Bandwidth Usage.** A graph displaying the average fiber channel bandwidth usage in basis points (bps) for the selected device during the selected time period.
- **Physical Port Bandwidth Usage.** A graph displaying the average physical port bandwidth usage in basis points (bps) for the selected device during the selected time period.
- **Fiber Channel Total Errors.** A graph displaying the average total fiber channel errors for the selected device during the selected time period.
- **Fiber Channel Errors.** A graph displaying the average fiber channel errors for the selected device during the selected time period.
- **SAN Port Channel Bandwidth Usage.** A graph displaying the average SAN port channel bandwidth usage in basis points (bps) for the selected device during the selected time period.

UCS Manager Dashboard

The "Cisco: UCS Manager" dashboard provides data about your UCS Manager devices. It includes the following widgets:



- **UCS Manager List.** A list of available UCS Manager devices that displays the device ID and current health state for each device, This "leaderboard" widget controls what data appears in other widgets. To view dashboard data for a device, select its check box. You can select more than one device at a time.
- **Vitals.** A graph displaying the average memory usage percentage for the selected device during the selected time period.
- **Latency.** A graph displaying the average latency in milliseconds (ms) for the selected device during the selected time period.
- **Events.** A list of events associated with the selected device that displays the event message, device name, color-coded severity, age, last detected date and time, and count for each event.

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