



VMware vSphere: SL1 Dashboards

VMware vSphere: 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 *VMware vSphere: SL1 Dashboards PowerPack*.

The following sections provide an overview of the *VMware vSphere: SL1 Dashboards PowerPack*:

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VMware vSphere: SL1 Dashboards PowerPack Contents

The *VMware vSphere: SL1 Dashboards PowerPack* includes Dashboards that present summary information about VMware devices that are monitored in SL1 with the *VMware: vSphere 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.

NOTE: The VMware vSphere: SL1 Dashboards PowerPack requires a minimum AP2 version of 5.114.6 and minimum widget components version of 2.168.10.

Installing the Required PowerPacks

The VMware vSphere: SL1 Dashboards PowerPack includes dashboards that present VMware device data that is collected by the VMware: vSphere Base Pack PowerPack. Therefore, before completing the steps in this manual, you must import and install the following PowerPacks:

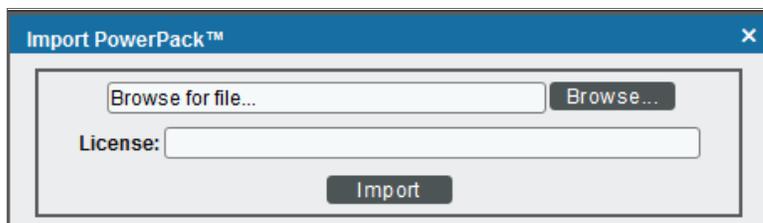
- VMware: vSphere Base Pack PowerPack version 210 or greater
- VMware vSphere: SL1 Dashboards PowerPack version 100

NOTE: For more information about using the VMware: vSphere Base Pack PowerPack, see the **Monitoring VMware** manual.

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 VMware vSphere SL1 Dashboards

Overview

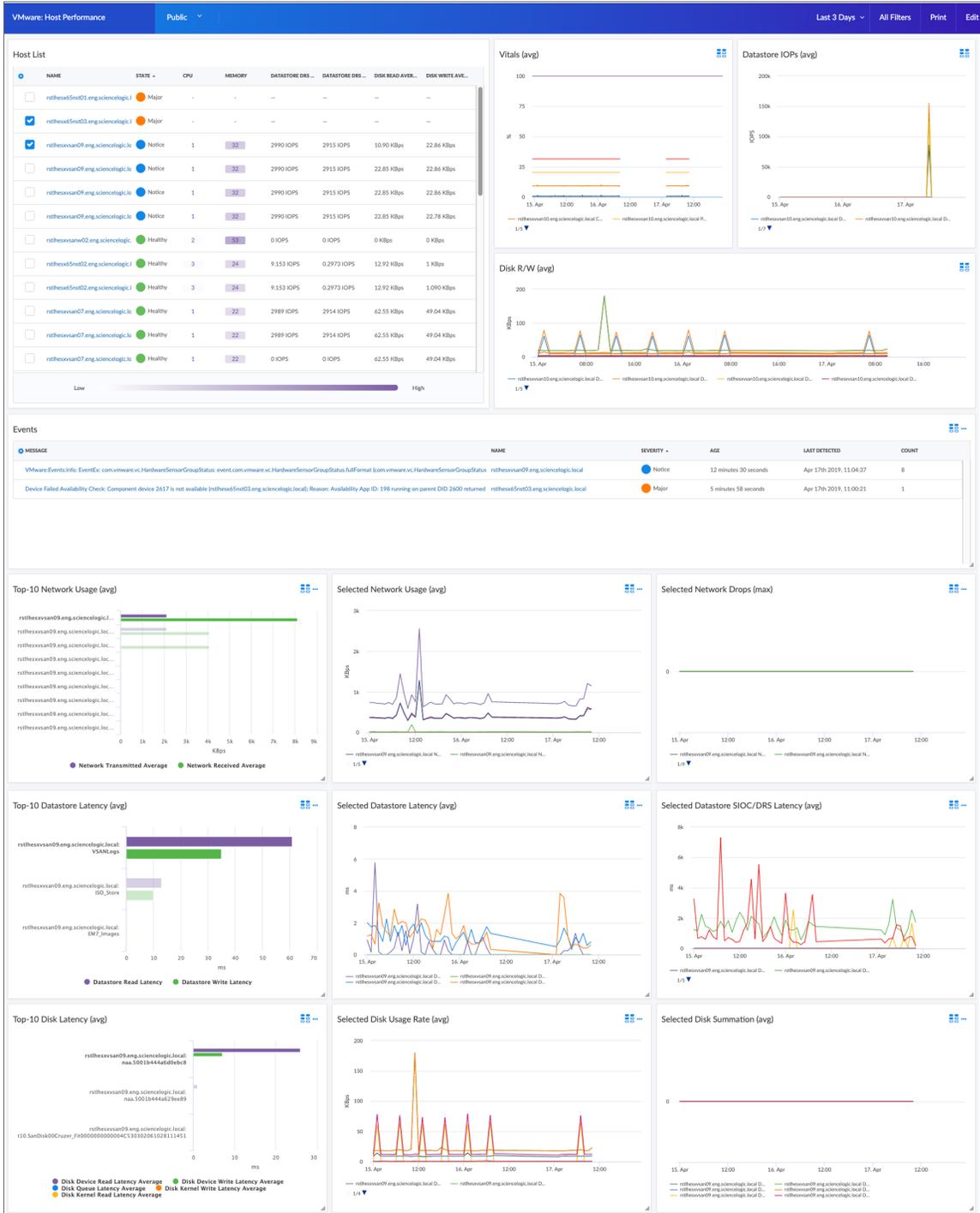
NOTE: This chapter describes dashboards that are included in the *VMware vSphere: SL1 Dashboards PowerPack*, which is intended for use only in the new SL1 user interface. For information about the dashboards that are included in the *VMware: vSphere Dashboards PowerPack* for use in the classic ScienceLogic platform user interface, see the **Monitoring VMware** manual.

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

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VMware Host Performance Dashboard

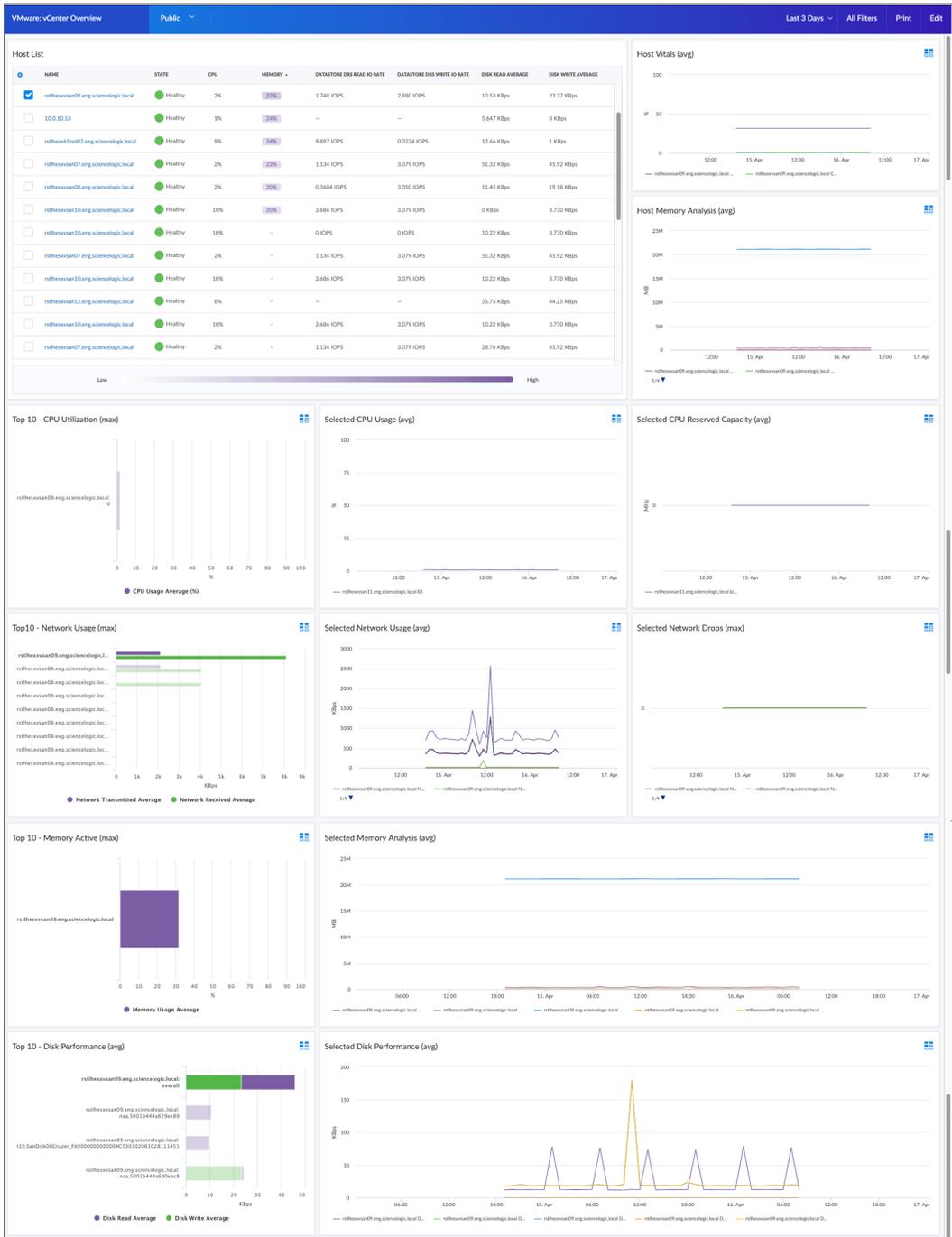
The "VMware Host Performance" dashboard provides summary information about your VMware hosts. It includes the following widgets:



- **Host List.** A list of available VMware hosts that displays the device name and current health state for each host. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a host server, select its checkbox. You can select more than one host at a time.
- **Vitals.** A graph displaying the average memory utilization percentage for the selected host during the selected time period.
- **Datastore IOPs.** A graph displaying the average input and output operations per second for the selected host's datastores during the selected time period.
- **Disk R/W.** A graph displaying the average disk read and write performance in Kilobytes per second (Kbps) for the selected host during the selected time period.
- **Events.** A list of events associated with the selected host that displays the event message, device name, color-coded severity, age, last detected date and time, and count for each event.
- **Top 10 - Network Usage.** A list of the top 10 VMware hosts based on average network utilization. This "leaderboard" widget controls what data appears in other widgets. To view additional network usage statistics for a host, click its name.
- **Selected Network Usage.** A graph displaying the average network usage in Kbps for the selected host during the selected time period.
- **Selected Network Drops.** A graph displaying the maximum number of network drops for the selected host during the selected time period.
- **Top 10 - Datastore Latency.** A list of the top 10 VMware hosts based on average datastore read/write response times. This "leaderboard" widget controls what data appears in other widgets. To view additional datastore latency statistics for a host, click its name.
- **Selected Datastore Latency.** A graph displaying the average datastore latency, in milliseconds (ms), for the selected host during the selected time period.
- **Selected Datastore SIOC/DRS Latency.** A graph displaying the average datastore storage input/output control (SIOC) and Distributed Resource Scheduler (DRS) latency, in ms, for the selected host during the selected time period.
- **Top 10 - Disk Latency.** A list of the top 10 VMware hosts based on average disk read, write, and queue latency. This "leaderboard" widget controls what data appears in other widgets. To view additional disk statistics for a host, click its name.
- **Selected Disk Usage Rate.** A graph displaying the average disk usage rate in Kbps for the selected host during the selected time period.
- **Selected Disk Summation.** A graph displaying the average disk summation for the selected host during the selected time period.

VMware vCenter Overview Dashboard

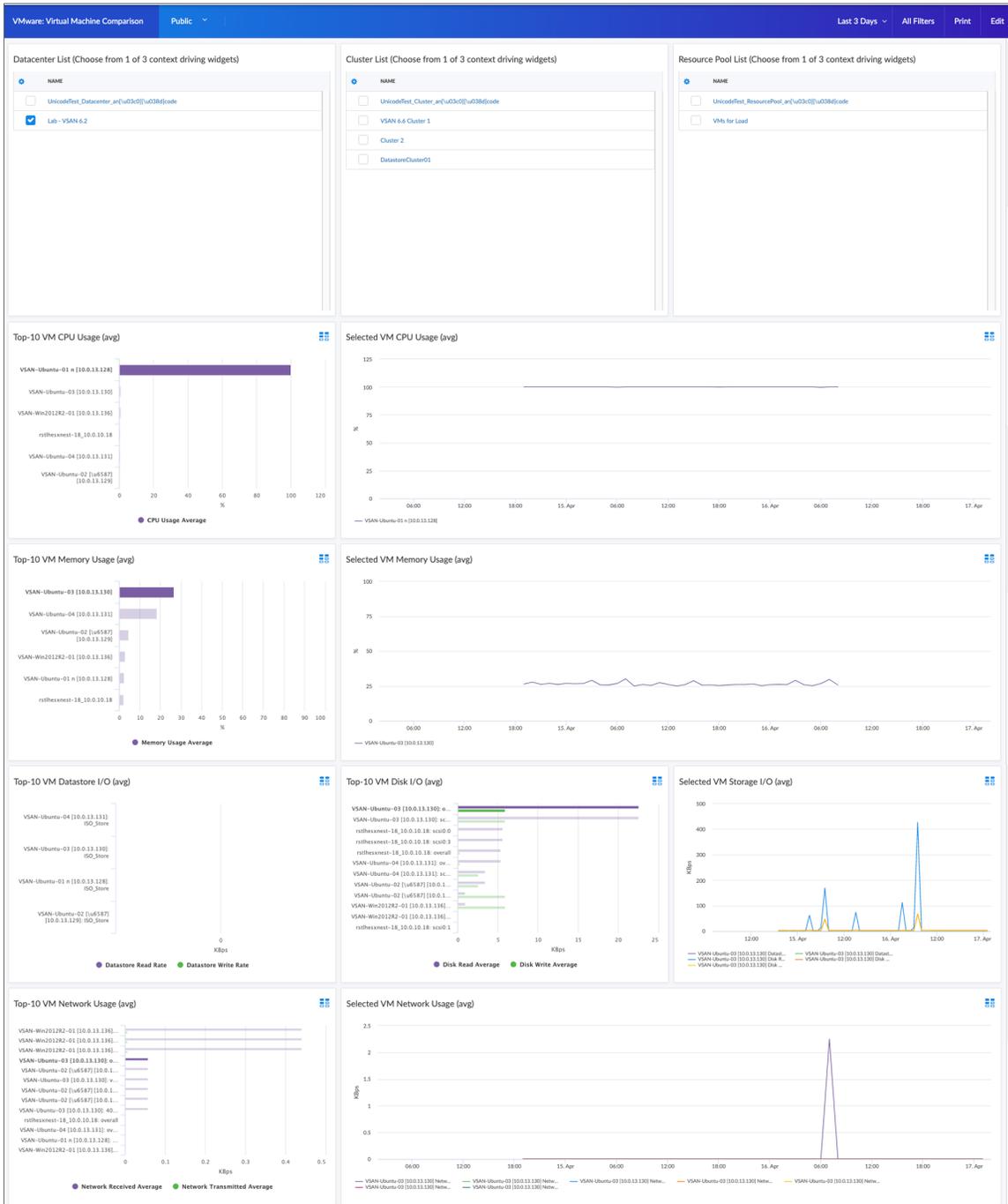
The "VMware vCenter Overview" dashboard provides summary information about your vCenter environment. It includes the following widgets:



- **Host List.** A list of available VMware hosts that displays the device name and current health state for each host. This "leaderboard" widget controls what data appears in the other widgets. To view dashboard data for a host server, select its checkbox. You can select more than one host at a time.
- **Host Vitals.** A graph displaying the average memory and CPU utilization percentage for the selected host during the selected time period.
- **Host Memory Analysis.** A graph displaying the average active, consumed, and reserved memory amounts, in Megabytes (MB), for the selected host during the selected time period.
- **Top 10 - CPU Utilization.** A list of the top 10 devices with the highest average CPU utilization during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional CPU utilization statistics for a device, click its name.
- **Selected CPU Usage.** A graph displaying the average CPU usage percentage for the selected device during the selected time period.
- **Selected CPU Reserved Capacity.** A graph displaying the average CPU reserved capacity, in MHz, for the selected device during the selected time period.
- **Top 10 - Network Usage.** A list of the top 10 VMware devices based on maximum network utilization. This "leaderboard" widget controls what data appears in other widgets. To view additional network usage statistics for a device, click its name.
- **Selected Network Usage.** A graph displaying the average network usage in Kbps for the selected device during the selected time period.
- **Selected Network Drops.** A graph displaying the maximum number of network drops for the selected device during the selected time period.
- **Top 10 - Memory Active.** A list of the top 10 VMware devices with the highest average active memory percentages during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional active memory statistics for a device, click its name.
- **Selected Memory Analysis.** A graph displaying the average active, consumed, and reserved memory amounts, in Megabytes (MB), for the selected device during the selected time period.
- **Top 10 - Disk Performance.** A list of the top 10 VMware devices with the highest average disk usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional disk performance statistics for a device, click its name.
- **Selected Disk Performance.** A graph displaying the average disk usage in Kbps for the selected device during the selected time period.

VMware: Virtual Machine Comparison Dashboard

The "VMware: Virtual Machine Comparison" dashboard provides summary information about your VMware VMs. It includes the following widgets:



- **Datacenter List.** A list of available VMware datacenters that displays the name for each. Your selection in the **Datacenter List, Cluster List, or Resource Pool List** "leaderboard" widgets controls what data appears in the other widgets. To view dashboard data for a datacenter, select its checkbox. You can select more than one datacenter at a time.
- **Cluster List.** A list of available VMware clusters that displays the name for each. Your selection in the **Datacenter List, Cluster List, or Resource Pool List** "leaderboard" widgets controls what data appears in the other widgets. To view dashboard data for a cluster, select its checkbox. You can select more than one cluster at a time.
- **Resource Pool List.** A list of available VMware resource pools that displays the name for each. Your selection in the **Datacenter List, Cluster List, or Resource Pool List** "leaderboard" widgets controls what data appears in the other widgets. To view dashboard data for a resource pool, select its checkbox. You can select more than one resource pool at a time.
- **Top 10 - VM CPU Usage.** A list of the top 10 VMs with the highest average CPU usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional CPU usage statistics for a device, click its name.
- **Selected VM CPU Usage.** A graph displaying the average CPU usage in percentage for the selected VM during the selected time period.
- **Top 10 - VM Memory Usage.** A list of the top 10 VMs with the highest average memory usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional memory usage statistics for a device, click its name.
- **Selected VM Memory Usage.** A graph displaying the average memory usage in percentage for the selected VM during the selected time period.
- **Top 10 - VM Datastore I/O.** A list of the top 10 VMs with the highest average datastore input/output during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional datastore I/O statistics for a device, click its name.
- **Top 10 - VM Disk I/O.** A list of the top 10 VMs with the highest average disk input/output during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional disk I/O statistics for a device, click its name.
- **Selected VM Storage I/O.** A graph displaying the average storage input/output in Kbps for the selected VM during the selected time period.
- **Top 10 - VM Network Usage.** A list of the top 10 VMs with the highest average network usage during the selected time period. This "leaderboard" widget controls what data appears in other widgets. To view additional network usage statistics for a device, click its name.
- **Selected VM Network Usage.** A graph displaying the average network usage in Kbps for the selected VM during the selected time period.

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