VMware vSphere: SL1 Dashboards PowerPack Release Notes

Version 102

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Overview

Version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack includes the addition of CPU Forecast and Memory Forecast widgets to each dashboard and autoselect for context-driving widgets.

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.

- **Minimum Required SL1 Version**: 8.12.1
- **Minimum Required AP2 Version**: 5.125.44
- **Minimum Required Widget Components Version**: 2.175.0
- **Minimum Required *VMware: vSphere Base Pack* PowerPack Version**: 213
- **Support Status**: Beta

This document describes:

- *Pre-install information*
- *The installation process for the PowerPack*
- *The features included in version 102*
- *The enhancements and issues addressed in version 102*

Before You Install

Before installing the *VMware vSphere: SL1 Dashboards* PowerPack version 102, you must first ensure that you are running version 8.12.1 or later of SL1, AP2 version 5.125.44 or later, and Widget Components version 2.175.0 or later.

NOTE: For details on upgrading SL1, see the appropriate SL1 Release Notes.

You must also import and install the *VMware: vSphere Base Pack* PowerPack version 213 or later before installing the *VMware vSphere: SL1 Dashboards* PowerPack version 102.

Installation Process

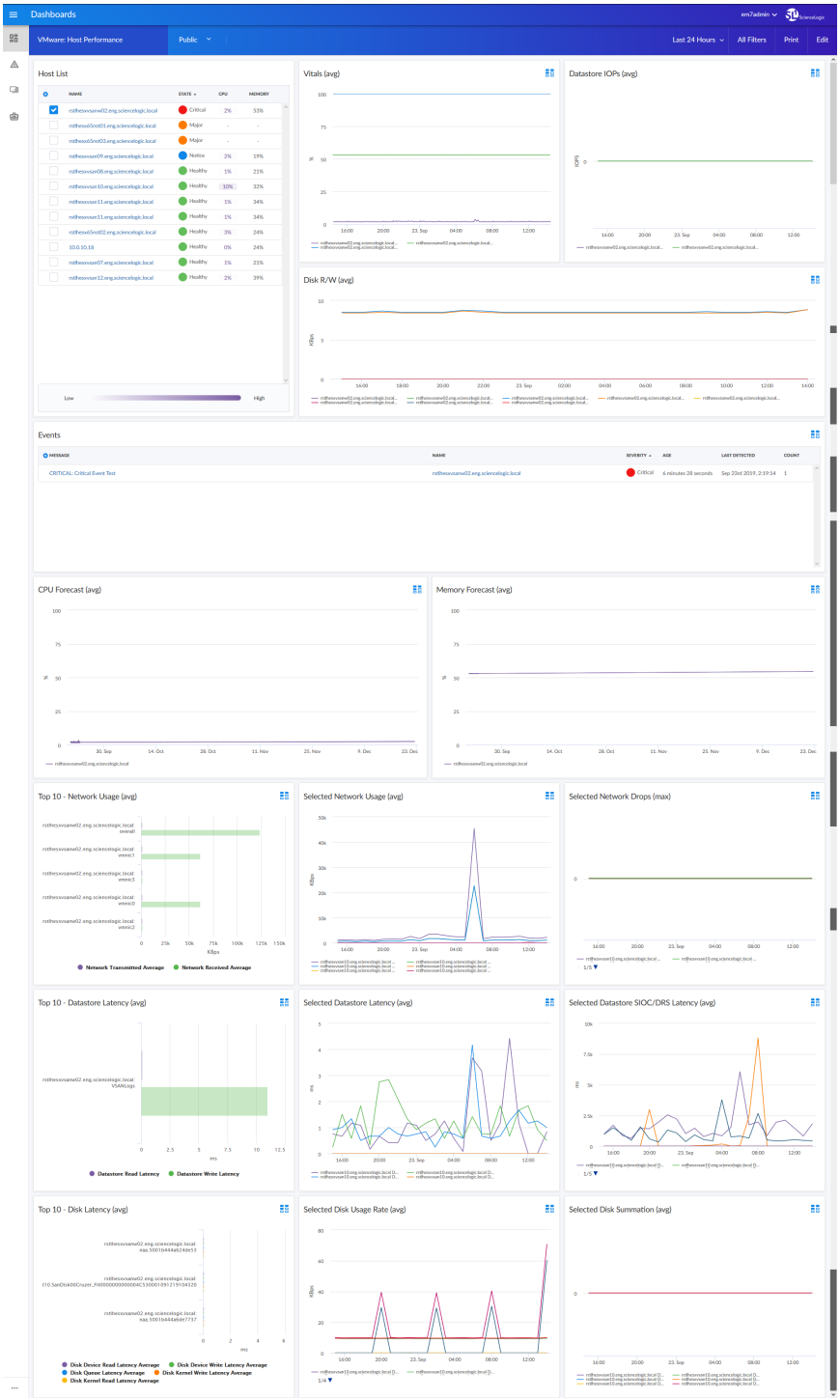
To install version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack, perform the following steps:

1. If you have not done so already, upgrade your SL1 system to the 8.12.1 or later release.
2. If you have not done so already, install the *VMware: vSphere Base Pack* PowerPack version 213 or greater.

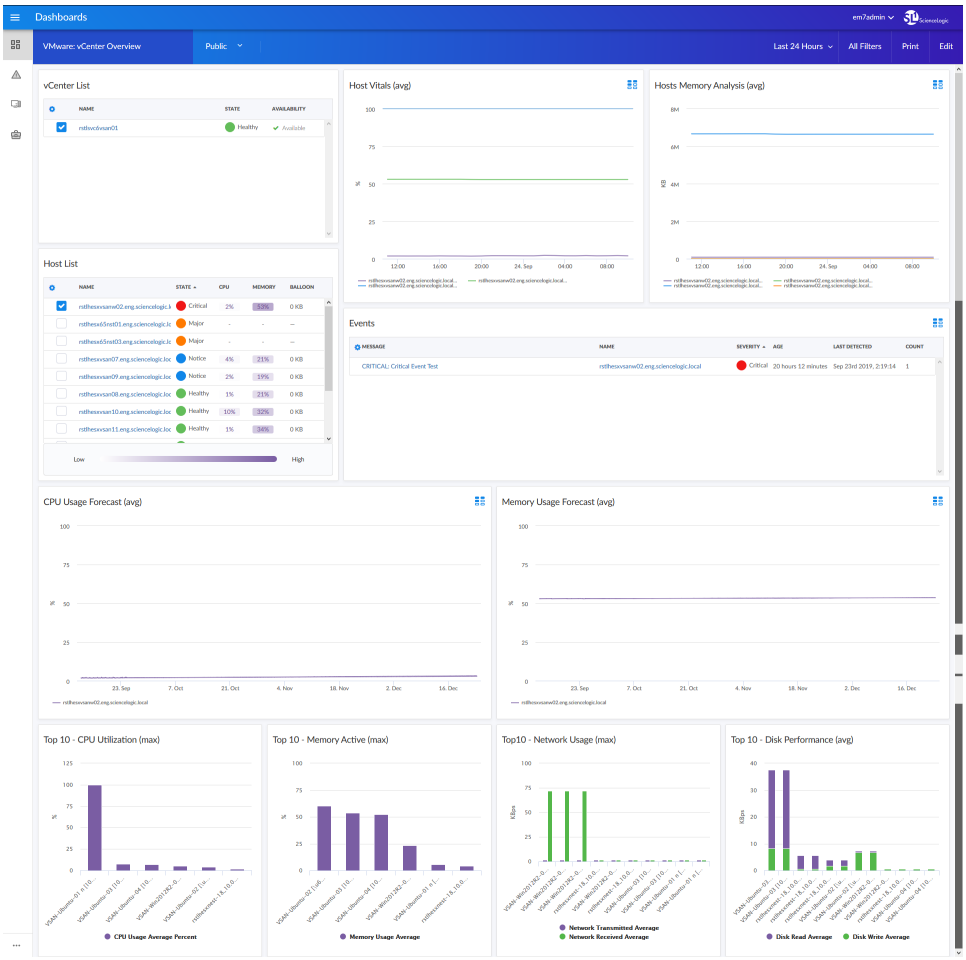
3. Download version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack from the Customer Portal to a local computer.
4. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack.
5. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **[Install]** button to install the PowerPack.

Included Features

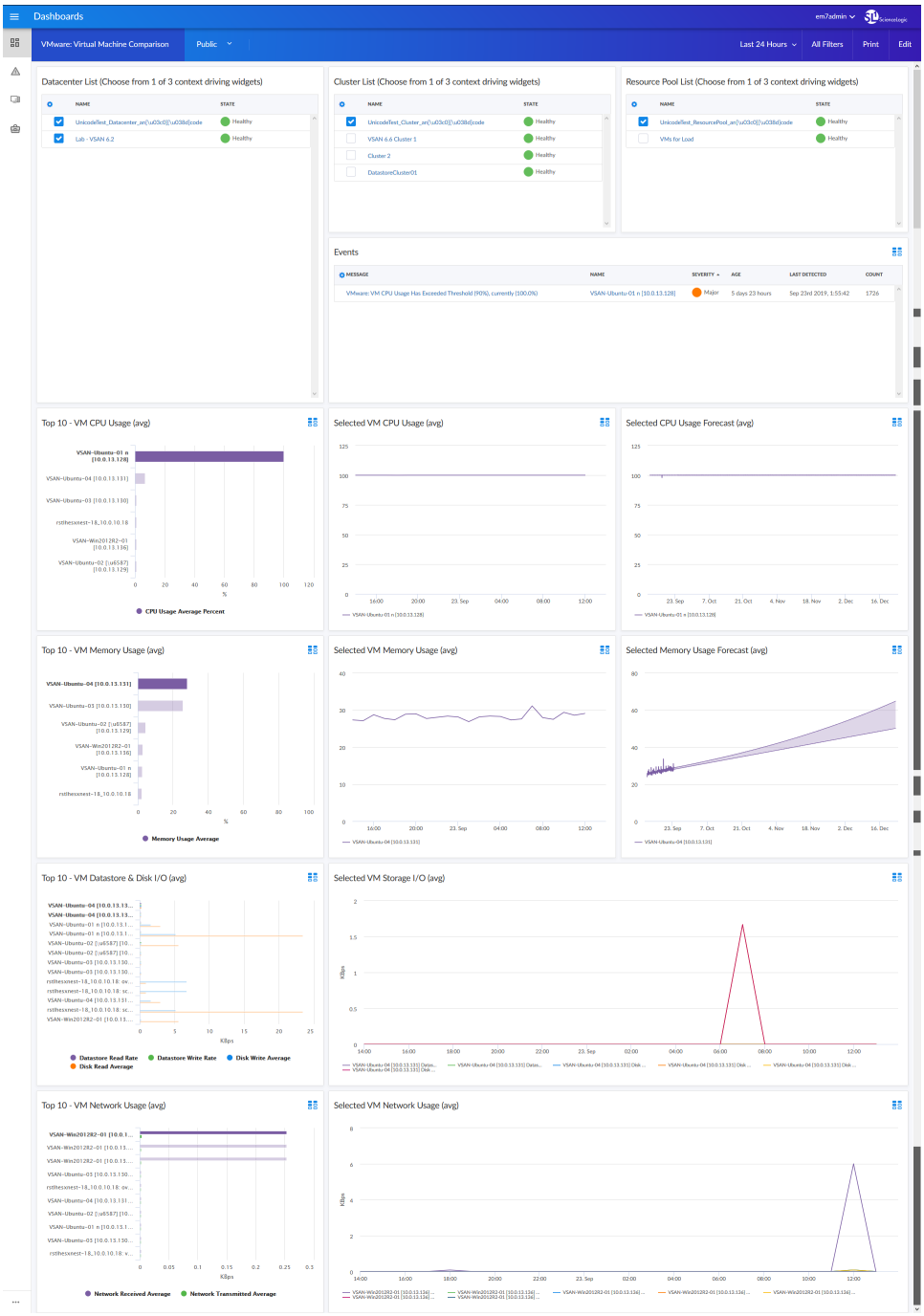
The following dashboards are included in version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack:



- A "VMware: Host Performance" dashboard, which includes the following widgets that display data about your VMware hosts:
    - Host List
    - Vitals (avg)
    - Datastore Input/Output Operations per Second (IOPS) (avg)
    - Disk Read/Write (avg)
    - Events
    - CPU Forecast (avg)
    - Memory Forecast (avg)
    - Top 10 - Network Usage (avg)
    - Selected Network Usage (avg)
    - Selected Network Drops (max)
    - Top 10 - Datastore Latency (avg)
    - Selected Datastore Latency (avg)
    - Selected Datastore Storage I/O Control and Distributed Resource Scheduler (SIOC/DRS) Latency (avg)
    - Top 10 - Disk Latency (avg)
    - Selected Disk Usage Rate (avg)
    - Selected Disk Summation (avg)



- A "VMware: vCenter Overview" dashboard, which includes the following widgets that display data about vCenter:
    - vCenter List
    - Host List
    - Host Vitals (avg)
    - Hosts Memory Analysis (avg)
    - Events
    - CPU Usage Forecast (avg)
    - Memory Usage Forecast (avg)
    - Top 10 - CPU Utilization (max)
    - Top 10 - Network Usage (max)
    - Top 10 - Memory Active (max)
    - Top 10 - Disk Performance (avg)



- A "VMware: Virtual Machine Comparison" dashboard, which includes the following widgets that display data about your VMware VMs:
    - Datacenter List
    - Cluster List
    - Resource Pool List

- Events
- Top 10 - VM CPU Usage (avg)
- Selected VM CPU Usage (avg)
- Selected CPU Usage Forecast (avg)
- Top 10 - VM Memory Usage (avg)
- Selected VM Memory Usage (avg)
- Selected Memory Usage Forecast (avg)
- Top 10 - VM Datastore & Disk I/O (avg)
- Selected VM Storage I/O (avg)
- Top 10 - VM Network Usage (avg)
- Selected VM Network Usage (avg)

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *VMware vSphere: SL1 Dashboards* PowerPack:

- Autoselect for context-driving widgets has been enabled in all dashboards in the PowerPack.
- The CPU Forecast and Memory Forecast widgets were added to the "VMware: Host Performance" dashboard:
- The Events, Selected CPU Usage Forecast, and Selected Memory Usage Forecast widgets were added to the "VMware: Virtual Machine Comparison" dashboard.
- The Top 10 - VM Datastore I/O and Top 10 - VM Disk I/O widgets were combined into the Top 10 - VM Datastore & Disk I/O widget in the "VMware: Virtual Machine Comparison" dashboard.
- The following updates were made to the "VMware: vCenter Overview" dashboard:
    - The vCenter List, Events, CPU Usage Forecast, and Memory Usage Forecast widgets were added to the dashboard.
    - The following widgets were removed:
        - Selected CPU Usage
        - Selected CPU Reserved Capacity
        - Selected Network Usage
        - Selected Network Drops
        - Selected Memory Analysis
        - Selected Disk Performance

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