Amazon Web Services: SL1 Dashboards PowerPack Release Notes

Version 102

Table of Contents

Overview

Version 102 of the *Amazon Web Services: SL1 Dashboards* PowerPack includes the addition of forecast widgets to some dashboards.

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**: 2.174.3
- **Minimum Required *Amazon Web Services* PowerPack Version**: 114
- **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 *Amazon Web Services: 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 2.174.3 or later.

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

You must also import and install the *Amazon Web Services* PowerPack version 112 or later before installing the *Amazon Web Services: SL1 Dashboards* PowerPack version 102.

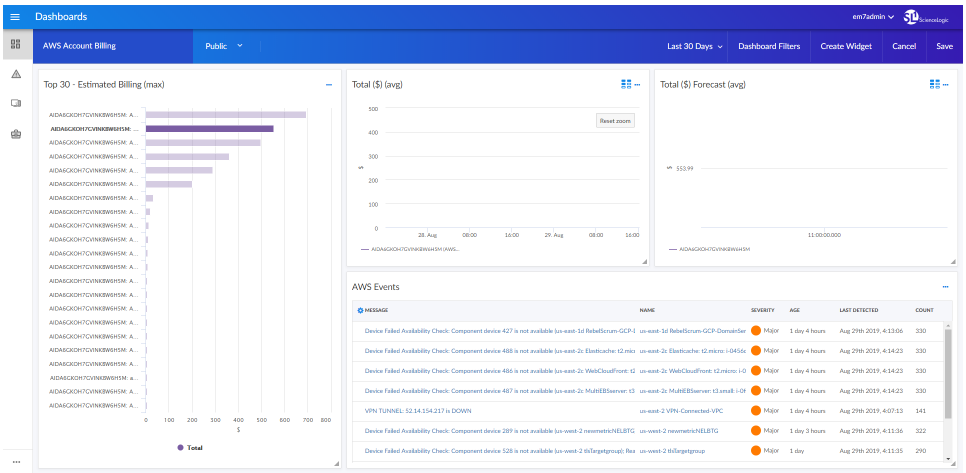
Installation Process

To install version 102 of the *Amazon Web Services: SL1 Dashboards* PowerPack, perform the following steps:

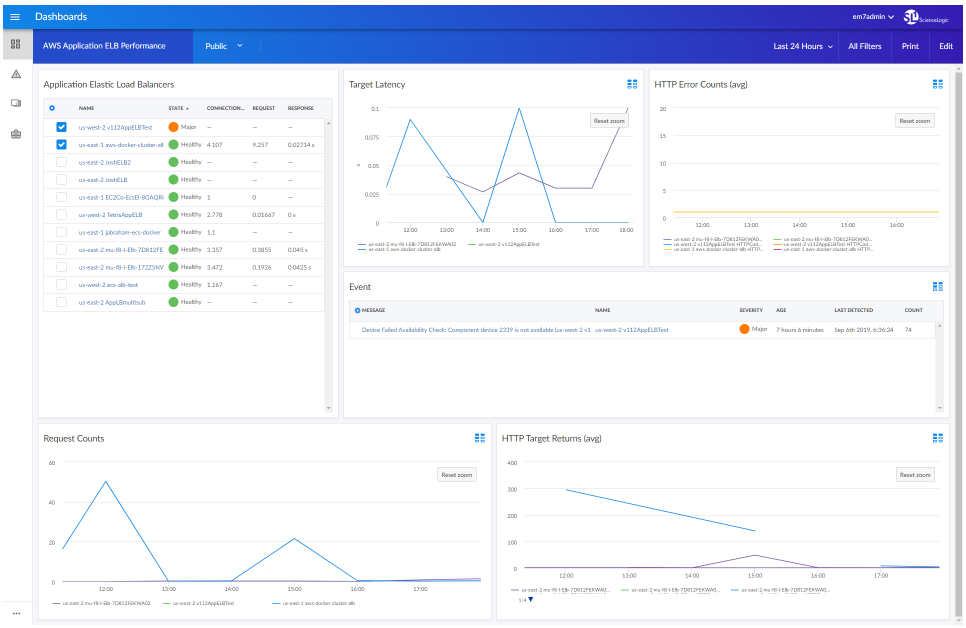
1. If you have not done so already, upgrade your SL1 system to the 8.12.1 or later release.
2. If you have not done so already, install the *Amazon Web Services* PowerPack version 112 or greater.
3. Download version 102 of the *Amazon Web Services: SL1 Dashboards* PowerPack from the Customer Portal to 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 *Amazon Web Services: 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

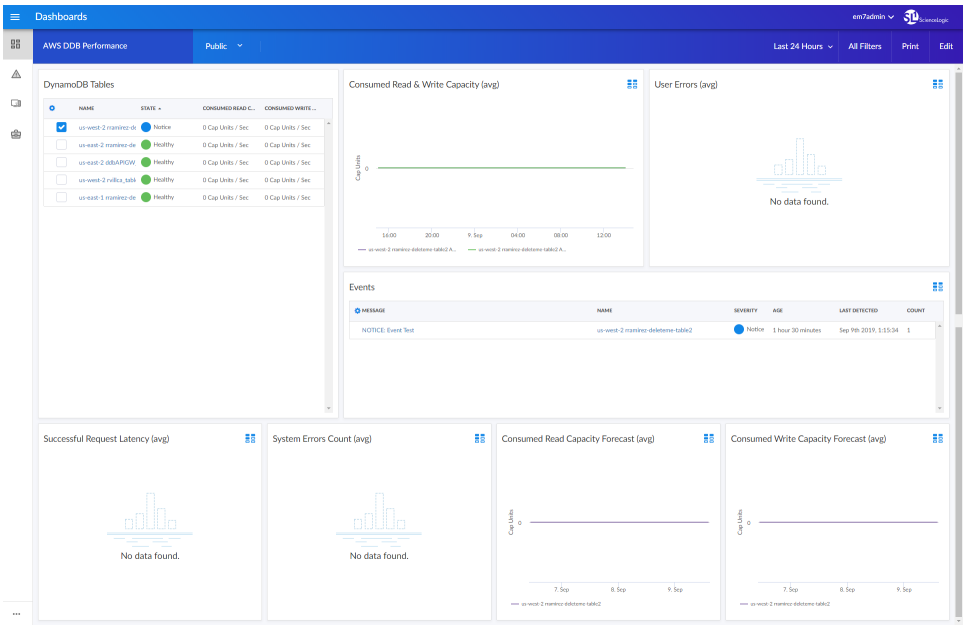
The following dashboards are included in version 102 of the *Amazon Web Services: SL1 Dashboards* PowerPack:



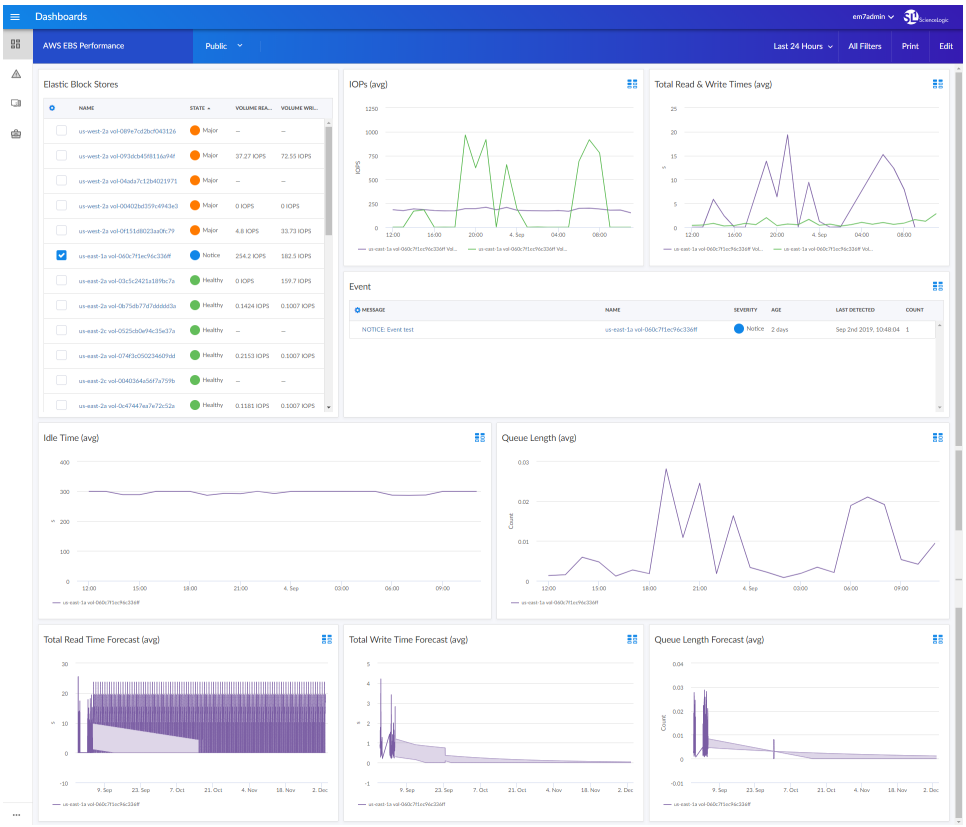
- An "AWS Account Billing" dashboard, which includes the following widgets that display data about your AWS account billing information:
    - Top 30 - Estimated Billing (max)
    - Total ($) (avg)
    - Total ($) Forecast (avg)
    - AWS Events



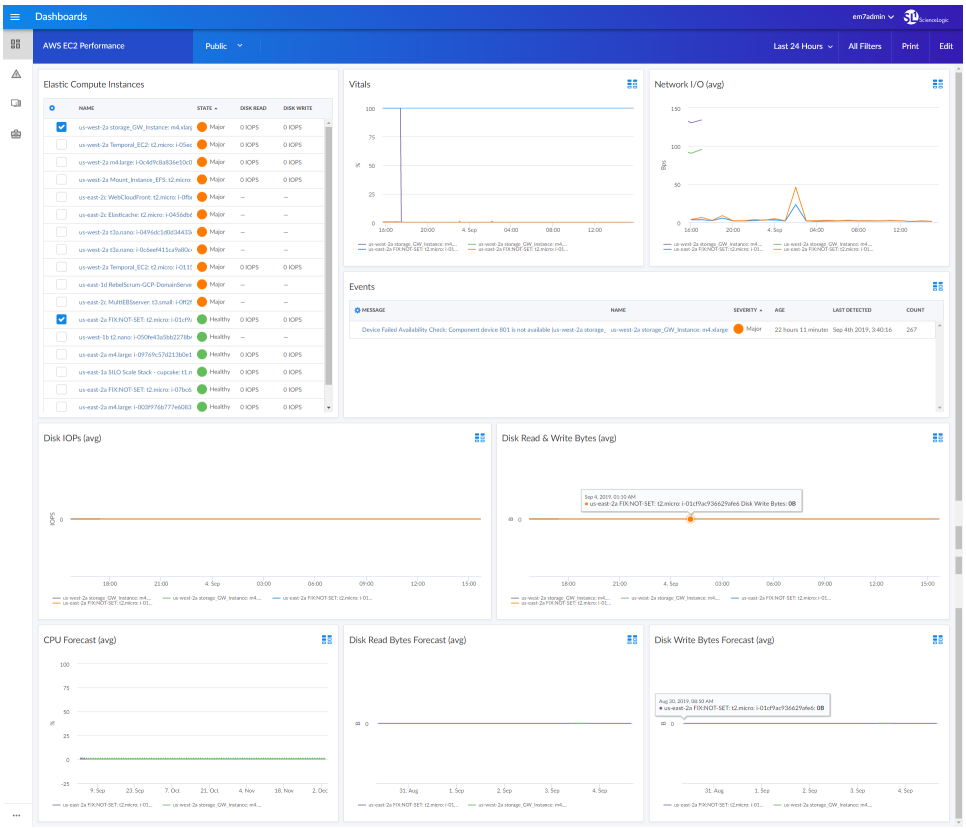
- An "AWS Application ELB Performance" dashboard, which includes the following widgets that display data about your AWS application ELB services:
    - Application Elastic Load Balancers
    - Target Latency
    - HTTP Error Counts (avg)
    - Events
    - Request Counts
    - HTTP Target Returns (avg)



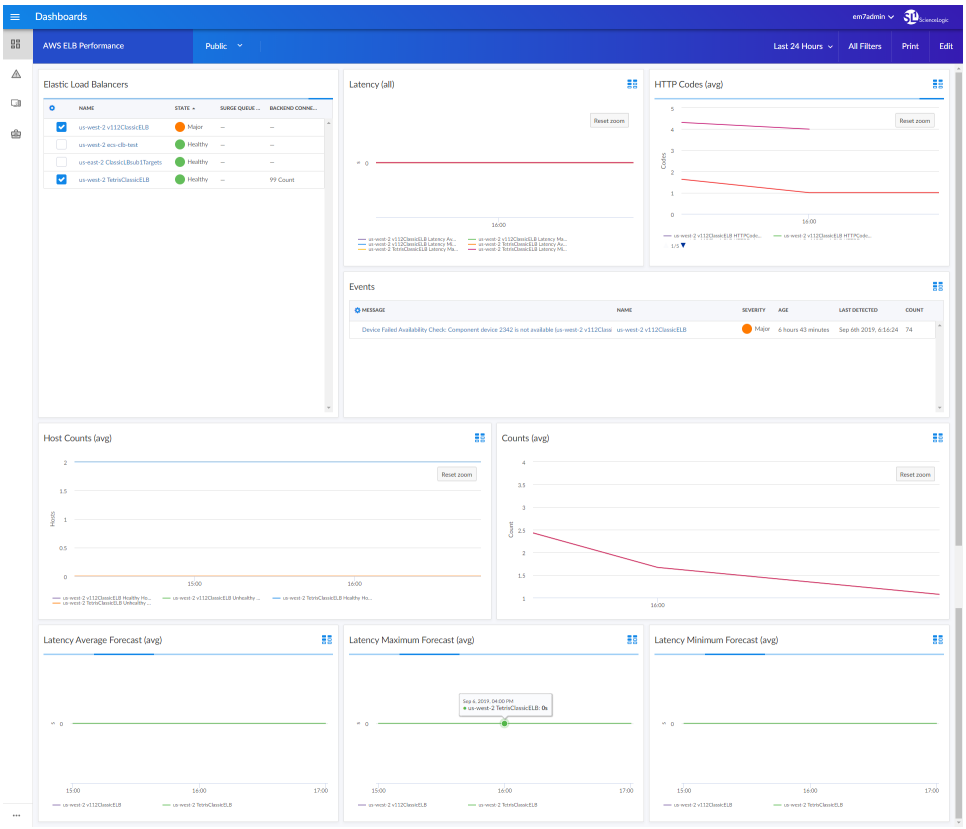
- An "AWS DDB Performance" dashboard, which includes the following widgets that display data about your AWS DDB tables:
    - DynamoDB Tables
    - Consumed Read & Write Capacity (avg)
    - User Errors (avg)
    - Events
    - Successful Request Latency (avg)
    - System Errors (avg)
    - Consumed Read Capacity Forecast (avg)
    - Consumed Write Capacity Forecast (avg)



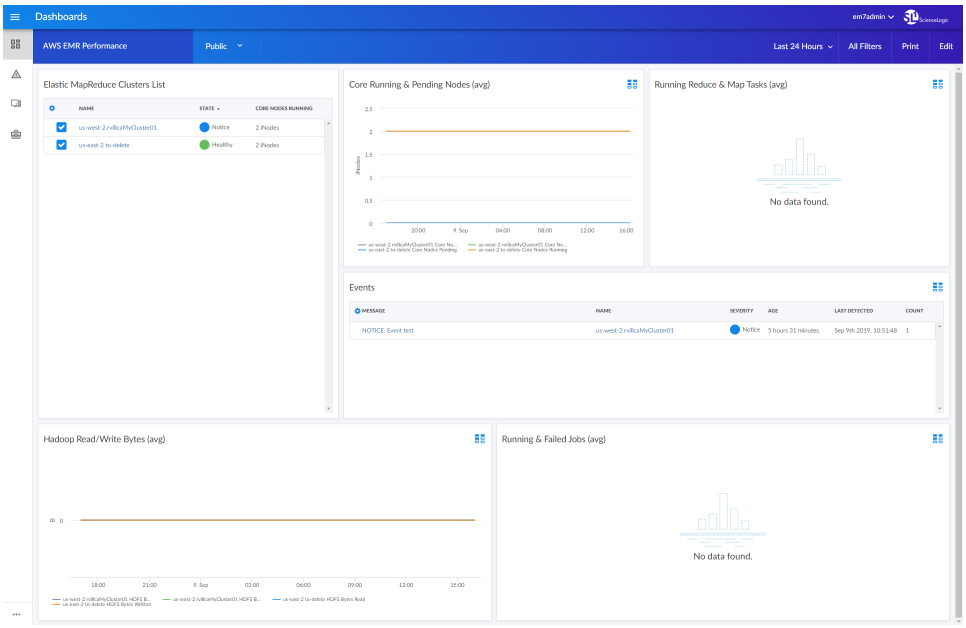
- An "AWS EBS Performance" dashboard, which includes the following widgets that display data about your AWS EBS volumes:
    - Elastic Block Stores (avg)
    - Input/Output per Second (avg)
    - Total Read & Write Times (avg)
    - Events
    - Idle Time (avg)
    - Queue Length (avg)
    - Total Read Time Forecast (avg)
    - Total Write Time Forecast (avg)
    - Queue Length Forecast (avg)



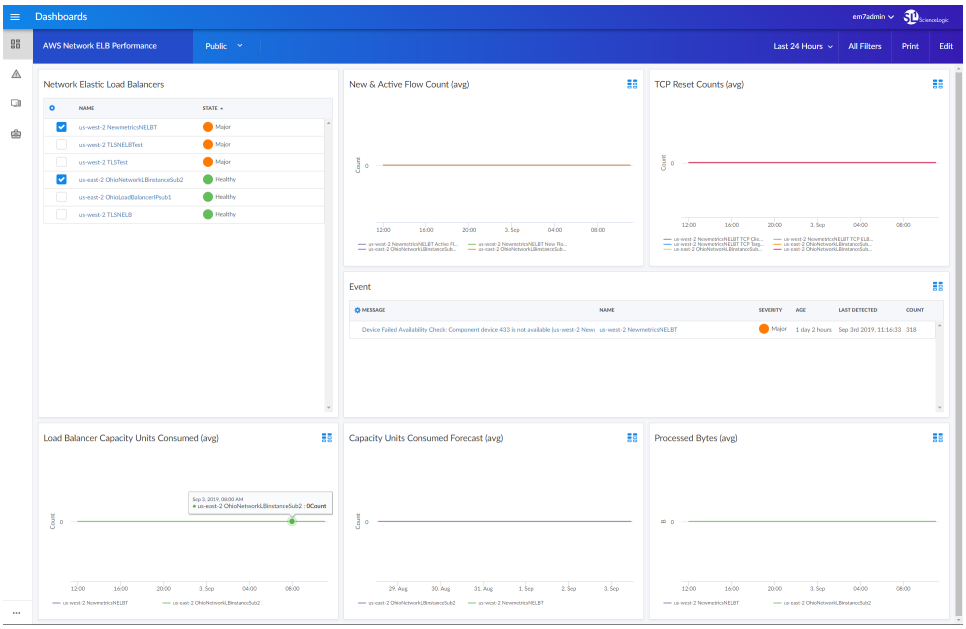
- An "AWS EC2 Performance" dashboard, which includes the following widgets that display data about your AWS EC2 instance devices:
    - Elastic Compute Instances
    - Vitals
    - Network Input/Output (avg)
    - Events
    - Disk Input/Output per Second (avg)
    - Disk Read & Write Bytes (avg)
    - CPU Forecast (avg)
    - Disk Read Bytes Forecast (avg)
    - Disk Write Bytes Forecast (avg)



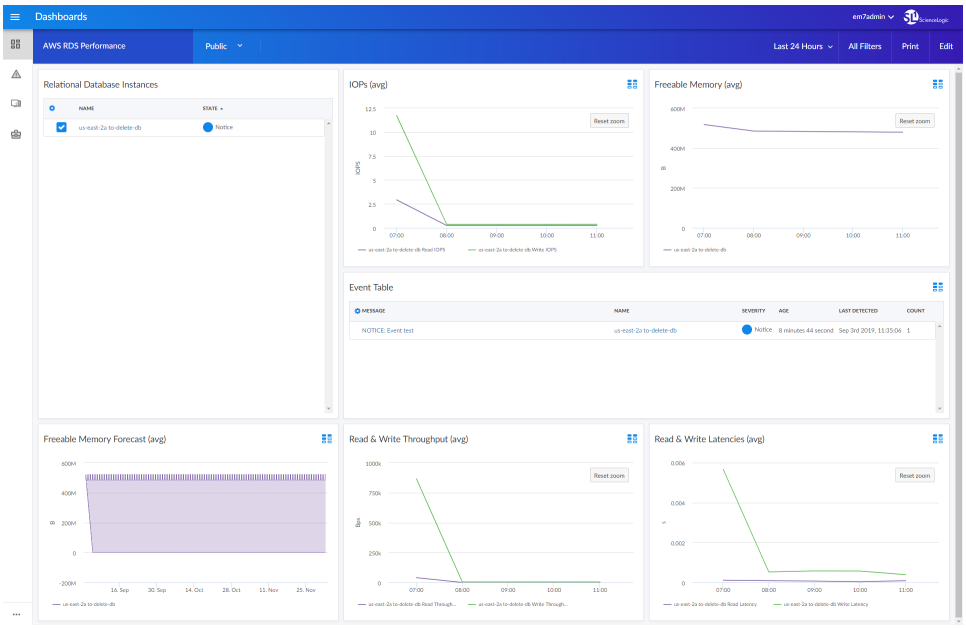
- An "AWS ELB Performance" dashboard, which includes the following widgets that display data about your AWS ELB instances:
    - Elastic Load Balancers
    - Latency (all)
    - HTTP Codes (avg)
    - Events
    - Host Counts (avg)
    - Counts (avg)
    - Latency Average Forecast (avg)
    - Latency Maximum Forecast (avg)
    - Latency Minimum Forecast (avg)



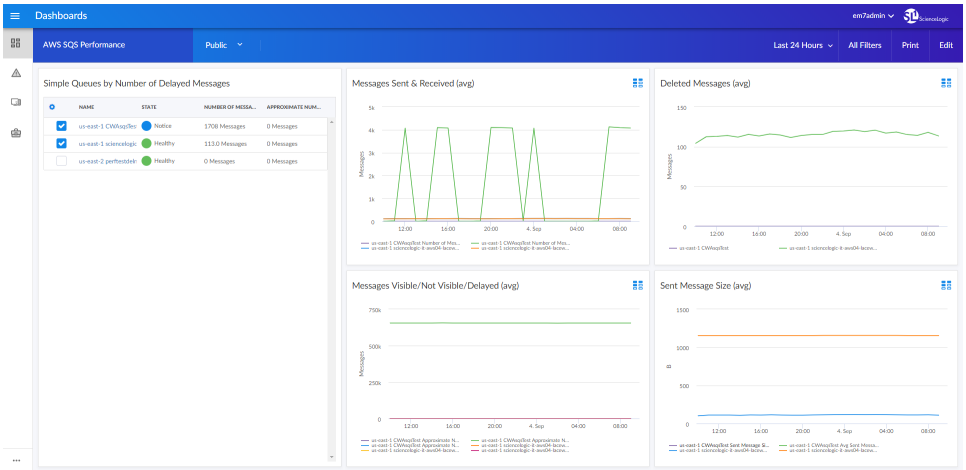
- An "AWS EMR Performance" dashboard, which includes the following widgets that display data about your AWS EMR instances:
    - Elastic MapReduce Clusters List
    - Core Running & Pending Nodes (avg)
    - Running Reduce & Map Tasks (avg)
    - Events
    - Hadoop Read/Write Bytes (avg)
    - Running & Failed Jobs (avg)



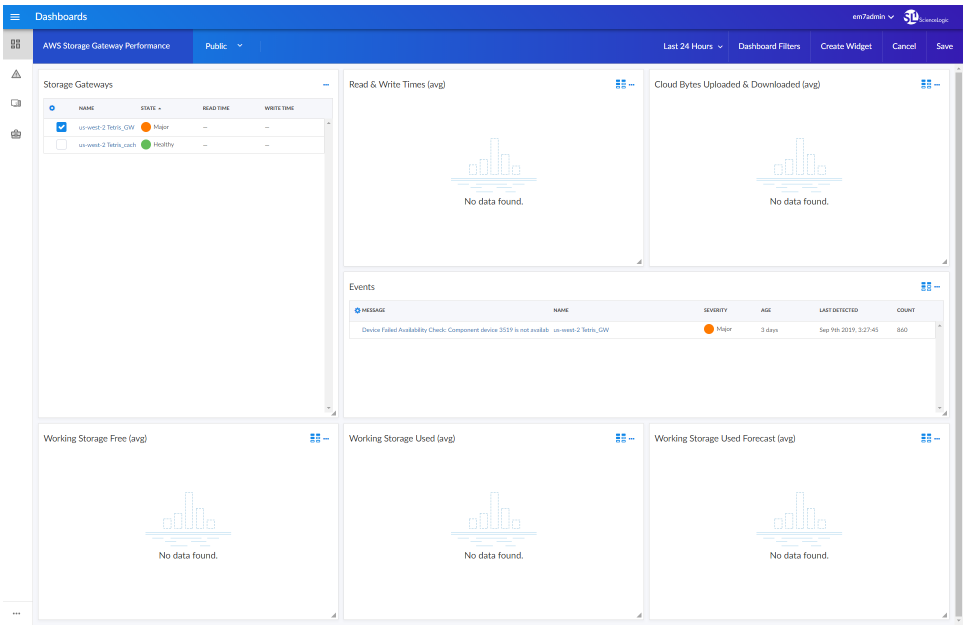
- An "AWS Network ELB Performance" dashboard, which includes the following widgets that display data about your AWS network ELB instances:
    - Network Elastic Load Balancers
    - New & Active Flow Count (avg)
    - TCP Reset Count (avg)
    - Events
    - Load Balancer Capacity Units Consumed (avg)
    - Capacity Units Consumed Forecast (avg)
    - Processed Bytes (avg)



- An "AWS RDS Performance" dashboard, which includes the following widgets that display data about your AWS RDS instances:
    - Relational Database Instances
    - Input/Output per Second (avg)
    - Freeable Memory (avg)
    - Events
    - Freeable Memory Forecast (avg)
    - Read & Write Throughput (avg)
    - Read & Write Latencies (avg)



- An "AWS SQS Performance" dashboard, which includes the following widgets that display data about your AWS SQS instances:
    - Messages Sent & Received
    - Deleted Messages
    - Messages Visible & Not Visible
    - Sent Message Size



- An "AWS Storage Gateway Performance" dashboard, which includes the following widgets that display data about your AWS storage gateway devices:
    - Storage Gateways
    - Read & Write Times (avg)
    - Cloud Bytes Uploaded & Downloaded (avg)
    - Events
    - Working Storage Used (avg)
    - Working Storage Free (avg)
    - Working Storage Used Forecast (avg)

Enhancements and Issues Addressed

The following enhancements and addressed issues are included in version 102 of the *Amazon Web Services: SL1 Dashboards* PowerPack:

- The Events, Latency Average Forecast, Latency Maximum Forecast, and Latency Minimum Forecast widgets were added to the "AWS EMR Performance" dashboard.
- The Event Table and Freeable Memory Forecast widgets were added to the "AWS RDS Performance" dashboard.
- The Events widget was added to the "AWS EMR Performance" dashboard.
- The Events, Consumed Read Capacity Forecast, and Consumed Write Capacity Forecast widgets were added to the "AWS DDB Performance" dashboard.
- The Events and Working Storage Used Forecast widgets were added to the "AWS Storage Gateway Performance" dashboard.
- The Events and Capacity Units Consumed Forecast widgets were added to the "AWS Network ELB Performance" dashboard.
- The Events widget was added to the "AWS Application ELB Performance" dashboard.
- The Events, Total Read Time Forecast, Total Write Time Forecast, and Queue Length Forecast widgets were added to the "AWS EBS Performance" dashboard.
- The Events, CPU Forecast, Disk Read Bytes Forecast, and Disk Write Bytes Forecast widgets were added to the "AWS EC2 Performance" dashboard.
- The Total ($) Forecast widget was added to the "AWS Account Billing" dashboard.

Copyrights and Trademarks

ScienceLogic, the ScienceLogic logo, and EM7 are trademarks of ScienceLogic, Inc. in the United States, other countries, or both.

Below is a list of trademarks and service marks that should be credited to ScienceLogic, Inc. The ® and ™ symbols reflect the trademark registration status in the U.S. Patent and Trademark Office and may not be appropriate for materials to be distributed outside the United States.

- ScienceLogic™
- EM7™ and em7™
- Simplify IT™
- Dynamic Application™
- Relational Infrastructure Management™

The absence of a product or service name, slogan or logo from this list does not constitute a waiver of ScienceLogic's trademark or other intellectual property rights concerning that name, slogan, or logo.

Please note that laws concerning use of trademarks or product names vary by country. Always consult a local attorney for additional guidance.

Other

If any provision of this agreement shall be unlawful, void, or for any reason unenforceable, then that provision shall be deemed severable from this agreement and shall not affect the validity and enforceability of any remaining provisions. This is the entire agreement between the parties relating to the matters contained herein.

In the U.S. and other jurisdictions, trademark owners have a duty to police the use of their marks. Therefore, if you become aware of any improper use of ScienceLogic Trademarks, including infringement or counterfeiting by third parties, report them to Science Logic's legal department immediately. Report as much detail as possible about the misuse, including the name of the party, contact information, and copies or photographs of the potential misuse to: legal@sciencelogic.com

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010