



Docker: SL1 Dashboards PowerPack Release Notes

Version 102

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Overview

Version 102 is of the *Docker: SL1 Dashboards* PowerPack includes autoselect for context-driving widgets and the addition of the event and forecast 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 Docker PowerPack Version:** 104
- **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 *Docker: 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 *Docker* PowerPack version 104 or later before installing the *Docker: SL1 Dashboards* PowerPack version 102.

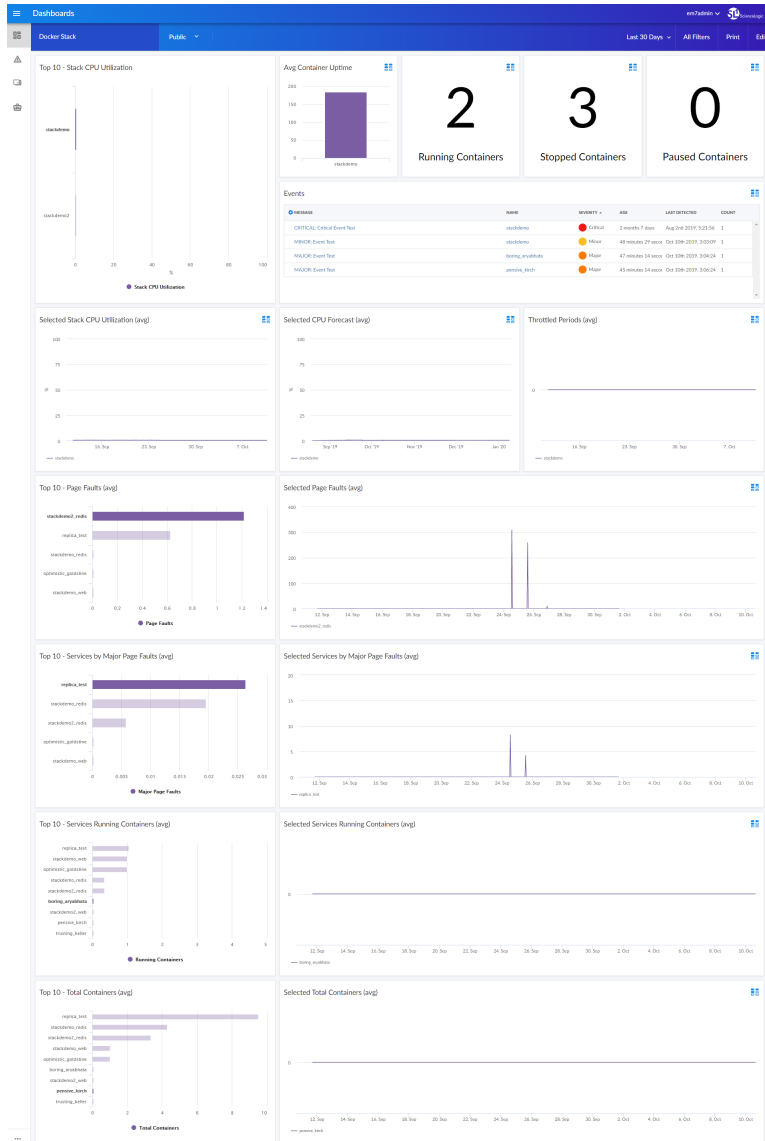
Installation Process

To install version 102 of the *Docker: 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 *Docker* PowerPack version 104 or greater.
3. Download version 102 of the *Docker: 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 *Docker: 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 *Docker: SL1 Dashboards PowerPack*:



- A "Docker Stack" dashboard, which includes the following widgets that display overview data about your Docker containers:
 - Top 10 - Stack CPU Utilization
 - Avg Container Uptime
 - Running Containers
 - Stopped Containers

- Dashboards** | Docker Service | Public | Last 24 Hours | All Filters | Print | Edit

CPU

	NAME	STATUS	CPU
<input checked="" type="checkbox"/>	aptbuild_github	Running	0%
<input type="checkbox"/>	boring_proxydota	Healthy	-
<input type="checkbox"/>	postgres_backup	Healthy	-
<input type="checkbox"/>	testing_saler	Healthy	-
<input type="checkbox"/>	stockprice2_web	Healthy	-
<input type="checkbox"/>	stocknews_web	Healthy	0%
<input type="checkbox"/>	redis_test	Healthy	0
<input type="checkbox"/>	stocknews_web	Healthy	0%
<input type="checkbox"/>	stocknews_web	Healthy	0%

Low High

Running Containers

Service CPU Utilization (avg)

Stopped Containers

208.315 hr
Average Container Uptime

Events

MESSAGE	NAME	SEVERITY	AGE	LAST DETECTED	COUNT
HARBOUR Influx Event Test	aptbuild_github	Warning	1 month 17 days	Aug 2nd 2019, 13:24:11	1

Top 10 - Throttled Periods (avg)

Selected Throttled Periods (avg)

Top 10 - Service I/O Requests (avg)

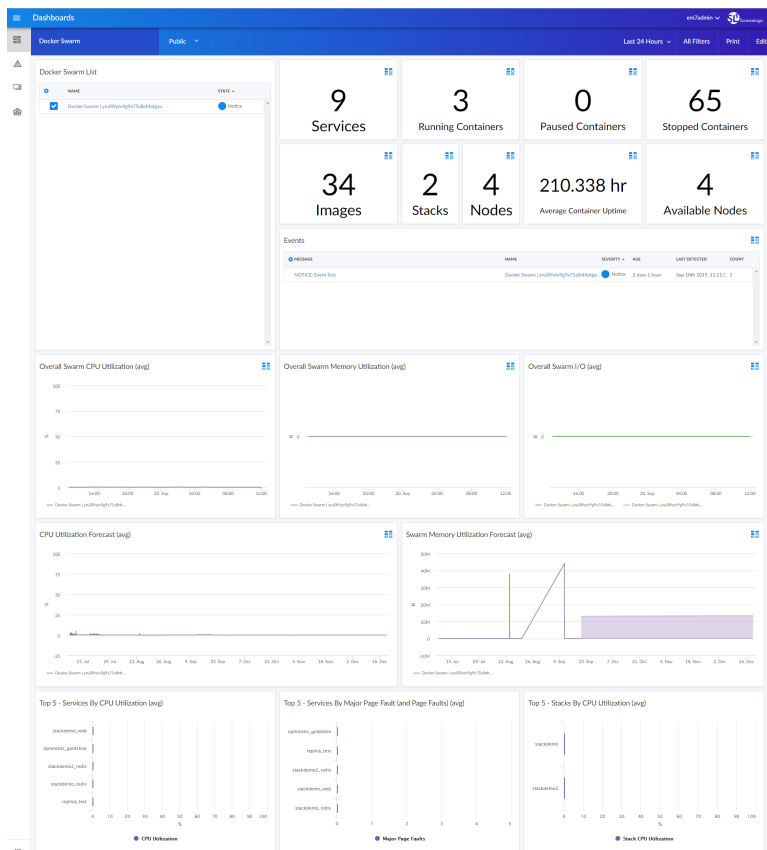
Selected Service I/O Requests (avg)

Top 10 - Service Page Faults (avg)

Selected Service Page Faults (avg)

CPU Forecast (avg)

- A "Docker Service" dashboard, which includes the following widgets that display data about your Docker containers:
 - CPU
 - Running Containers
 - Stopped Containers
 - Average Container Uptime
 - Service CPU Utilization (avg)
 - Events
 - Top 10 - Throttled Periods (avg)
 - Selected Throttled Periods (avg)
 - Top 10 - Service I/O Requests (avg)
 - Selected Service I/O Requests (avg)
 - Top 10 - Service Page Faults (avg)
 - Selected Service Page Faults (avg)
 - CPU Forecast (avg)



- A "Docker Swarm" dashboard, which includes the following widgets that display data about your Docker swarms:
 - Docker Swarm List
 - Services
 - Running Containers
 - Paused Containers
 - Stopped Containers
 - Images
 - Stacks
 - Nodes
 - Average Container Uptime
 - Available Nodes
 - Events
 - Overall Swarm CPU Utilization (avg)
 - Overall Swarm Memory Utilization (avg)
 - Overall Swarm I/O (avg)
 - CPU Utilization Forecast (avg)
 - Swarm Memory Utilization Forecast (avg)
 - Top 5 - Services By CPU Utilization (avg)
 - Top 5 - Services By Major Page Fault (avg)
 - Top 5 - Stacks By CPU Utilization (avg)

Enhancements and Issues Addressed

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

- Autoselect for context-driving widgets has been enabled in all dashboards.
- The Events and Selected CPU Forecast widgets were added to the "Docker Stack" dashboard.
- The CPU Forecast widget was added to the "Docker Service" dashboard.
- The CPU Utilization Forecast and Swarm Memory Utilization Forecast widgets were added to the "Docker Swarm" dashboard.

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