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# Docker: SL1 Dashboards PowerPack Release Notes

Version 100

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## Overview

Version 100 is the initial version of the *Docker: SL1 Dashboards* PowerPack. Version 100 includes Dashboards that present graphical representations of the configuration data and performance metrics that are collected for Docker containers by the *Docker* 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.

- **Minimum Required SL1 Version:** 8.12.1
- **Minimum Required AP2 Version:** 5.125.10
- **Minimum Required Widget Components Version:** 2.174.3
- **Minimum Required Docker PowerPack Version:** 100
- **Support Status:** Beta

This document describes:

- [Pre-install information](#)
- [The installation process for the PowerPack](#)
- [The features included in version 100](#)

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## Before You Install

Before installing the *Docker: SL1 Dashboards* PowerPack version 100, you must first ensure that you are running version 8.12.1 or later of SL1, AP2 version 5.114.6 or later, and Widget Components version 2.168.10 or later.

**NOTE:** For details on upgrading SL1, see the appropriate SL1 [Release Notes](#).

You must also import and install the *Docker* PowerPack version 100 or later before installing the *Docker: SL1 Dashboards* PowerPack version 100.

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## Installation Process

To install version 100 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 100 or greater.
3. Download version 100 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 100 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.

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## Included Features

The following dashboards are included in version 100 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
  - Running Containers
  - Stopped Containers
  - Paused Containers
  - Avg Container Uptime
  - Stack CPU Utilization
  - Throttled Periods
  - Top 10 - Page Faults
  - Selected Page Faults
  - Top 10 - Services by Major Page Faults
  - Selected Services by Major Page Faults
  - Top 10 - Services Running Containers
  - Selected Services Running Containers
  - Top 10 - Total Containers
  - Selected Total Containers

- 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
  - Events
  - Top 10 - Throttled Periods
  - Selected Throttled Periods
  - Top 10 - Service I/O Requests
  - Selected Service I/O Requests
  - Top 10 - Service Page Faults
  - Selected Service Page Faults
  
- 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
  - Overall Swarm Memory Utilization
  - Overall Swarm I/O
  - Top 5 - Services By CPU Utilization
  - Top 5 - Services By Major Page Fault
  - Top 5 - Stacks By CPU Utilization

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