# IBM: SVC PowerPack Release Notes

Version 101

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# Overview

Version 101 of the *IBM: SVC* PowerPack monitors IBM storage arrays that use the IBM SAN Volume Controller (SVC) software, including Storwize V5000 and V7000 systems. ScienceLogic uses SMI-S to communicate with IBM storage and requires the storage system to use SMI-S version 1.6.0 or higher.

- **Minimum Required Platform Version**: 8.7.0
- **Support Status**: Beta

This document describes:

- *Pre-installation information*
- *The installation process for the PowerPack*
- *The features included in version 101*
- *The enhancements and issues addressed in version 101*

# Before You Install

Ensure that you are running version 8.7.0 or later of the ScienceLogic platform before installing the *IBM: SVC* PowerPack version 101.

**NOTE**: For details on upgrading the ScienceLogic platform, see the appropriate ScienceLogic Release Notes.

# Installation Process

To install the *IBM: SVC* PowerPack for the first time or to upgrade from a previous version, perform the following steps:

**TIP**: By default, installing a new version of a PowerPack will overwrite all content in 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 local changes for some commonly customized fields from being overwritten.

**NOTE**: If you are currently using the Dynamic Applications in the IBM: SVC PowerPack to monitor devices, collection errors might occur for one or two polling cycles during the installation of a new version. To prevent collection errors during an upgrade, you can optionally disable collection for monitored devices before performing the following steps and re-enable collection after the upgrade.

1. See the ***Before You Install*** section. If you have not done so already, upgrade your system to the 8.7.0 or later release.
2. Download version 101 of the *IBM: SVC* PowerPack from the Customer Portal to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and choose *Import PowerPack*. When prompted, import version 101 of the PowerPack.
4. After importing the PowerPack, you will be prompted to install the PowerPack. Click the **Install** button to install the PowerPack.

# Included Features

*IBM: SVC* PowerPack version 101 includes the following features:

- Dynamic Applications to discover, model, and monitor performance metrics and collect configuration data for IBM SVC systems, including:
    - IBM: SVC/Storwize Array Capacity Stats
    - IBM: SVC/Storwize Array Discovery
    - IBM: SVC/Storwize Array Stats
    - IBM: SVC/Storwize Components Config
    - IBM: SVC/Storwize Statistics Cache
    - IBM: SVC/Storwize Storage Pool Capacity Stats
    - IBM: SVC/Storwize Storage Pool Discovery
    - IBM: SVC/Storwize Storage Pool LUN Config
- Device Classes for each type of IBM SVC device monitored
- Event Policies that are triggered when SVC devices meet certain status criteria
- An example Credential that you can use as a template to create a Basic/Snippet credential for connecting to IBM SVC devices
- ScienceLogic Libraries that are utilized by this PowerPack:
    - content
    - content_cache
    - recordreplay
    - silo_collections
    - smis

# Enhancements and Issues Addressed

The following changes are included in version 101 of the *IBM: SVC* PowerPack:

- Summarization is enabled for all presentation objects, which will preserve an overview of older data.
- This version addresses an issue in which library version conflicts could cause the Sciencelogic libraries in this PowerPack to become corrupted. In this case, deployment of the PowerPack and subsequent collection would fail.

# Known Issues

The following known issues affect version 101 of the *IBM: SVC* PowerPack:

- A "CacheDataIsEmpty" error may be displayed for the "IBM: SVC/Storwize Array Stats" Dynamic Application if a collection executes before the "IBM: SVC/Storwize Statistics Cache" Dynamic Application collects data.
- A "NameError: name 'stats_cache' is not defined" error may be displayed for the "IBM: SVC/Storwize Array Stats" Dynamic Application if a collection executes before the "IBM: SVC/Storwize Statistics Cache" Dynamic Application collects data.

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