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# IBM: SVC PowerPack Release Notes

Version 100

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## Table of Contents

Overview .....	3
Before You Install .....	3
Installation Process .....	3
Included Features .....	4
Known Issues .....	5

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## Overview

Version 100 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 100](#)

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## 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 100.

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

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## Installation Process

To install the *IBM: SVC PowerPack* for the first time, 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 100 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 100 of the PowerPack.
4. 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

*IBM: SVC PowerPack* version 100 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

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## Known Issues

The following known issues affect version 100 of the *IBM: SVC*PowerPack:

- A "CacheDatalsEmpty" 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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