ScienceLogic

Monitoring SL1: System Upgrade Assessment

SL1: System Upgrade Assessment PowerPack version 100

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Chapter 3

Introduction to the SL1: System Upgrade Assessment PowerPack

Overview

This manual describes how to use the "SL1: System Upgrade Assessment" PowerPack.

This chapter covers the following topics:

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What is the SL1: System Upgrade Assessment PowerPack?

The "SL1: System Upgrade Assessment" PowerPack provides an efficient way to identify the PowerPacks that need to be rebuilt before upgrading to a newer SL1 version. This is done by having the "SL1: System Upgrade Assessment" PowerPack generate reports of these PowerPacks.

NOTE: ScienceLogic strongly recommends rebuilding the PowerPacks that are identified in these reports. If you upgrade your SL1 system to a newer version without exporting the PowerPacks included in these reports, the PowerPacks will render as read-only.

What Does the SL1: System Upgrade Assessment PowerPack Include?

The "SL1: System Upgrade Assessment" PowerPack generates reports that identifies the PowerPacks that need to be rebuilt before upgrading to a newer SL1 version. There are two report tools in this PowerPack:

- **Python Assessment Tool**, which identifies PowerPacks that need to be rebuilt before upgrading to a newer SL1 version.
- **PowerPack Encryption Validation**, which identifies PowerPacks that need to be rebuilt before upgrading SL1 to version 11.3.0 or above.

The "SL1: System Upgrade Assessment" PowerPack includes the following features:

- The ***silo_low_code*** library
- The "SL1: System Upgrade Assessment Python 2 Verification" run book automation (RBA)

Installing the SL1: System Upgrade Assessment PowerPack

Before you can use the System Upgrade Assessment tool, you must import and install the latest version of the "SL1: System Upgrade Assessment" PowerPack.

To download and install a PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page (Product Downloads > PowerPacks & SyncPacks) at the ScienceLogic Support Site.
2. In SL1, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **Actions** menu and choose *Import PowerPack*. The **Import PowerPack** modal appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.
5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPack Manager** page.

NOTE: If you exit the **PowerPack Installer** without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPack Manager** page. However, the imported PowerPack will appear in the **Imported PowerPacks** page. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

Using the PowerPack Encryption Validation Report

The "PowerPack Encryption Validation Report" tool identifies and reports PowerPacks that need to be rebuilt before upgrading to SL1 version 12.3.0 or above.

If your SL1 instance contains PowerPacks that do not use the new encryption method required in SL1 version 12.3.0 and later, the upgrade to 12.3.0 will fail with messages about PowerPack Encryption failures.

A check was added to ensure PowerPacks are using the new encryption model required in version 12.3.0 and later, as the previous encryption code was removed from SL1 in 12.3.0. The upgrade to 12.3.0 will fail if any PowerPacks using the old encryption model are installed in that SL1 instance. Otherwise, an unconverted PowerPack will have its license switched to Read Only and will not be recoverable to a writeable state after 12.3.0 is installed.

Before you begin the upgrade process, complete the following steps:

1. Download and install the "SL1: System Upgrade Assessment" PowerPack on the SL1 system you are upgrading.
2. Generate the "PowerPack Encryption Validation" report (Reports > Run Report > System Upgrade Assessment > PowerPack Encryption Validation). The report will identify all of the PowerPacks that are impacted.
3. Open each PowerPack from the report and save it, then click **Build / Export > Create a New Build > Build**. This process updates the encryption model for the PowerPack to the new version.

> **TIP:** As a best practice, you should download the updated PowerPacks, but you do *not* need to import the updated PowerPacks to your existing SL1 system before you upgrade to 12.3.0.

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