



Monitoring Skylar One: System Upgrade Assessment

Skylar One: System Upgrade Assessment PowerPack version 102

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Chapter

1

Introduction

Overview

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

This chapter covers the following topics:

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What is the Skylar One: System Upgrade Assessment PowerPack?

The "Skylar One: System Upgrade Assessment" PowerPack provides an efficient way to identify the PowerPacks that need to be rebuilt before upgrading to a newer Skylar One (SL1) version. This is done by having the "Skylar One: 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 Skylar One system to a newer version without exporting the PowerPacks included in these reports, the PowerPacks will render as read-only.

What Does the Skylar One: System Upgrade Assessment PowerPack Include?

The "Skylar One: System Upgrade Assessment" PowerPack generates reports that identifies the PowerPacks that need to be rebuilt before upgrading to a newer Skylar One (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 Skylar One version.
- **PowerPack Encryption Validation**, which identifies PowerPacks that need to be rebuilt before upgrading Skylar One to version 11.3.0 or above.

The "Skylar One: System Upgrade Assessment" PowerPack includes the following features:

- The *silow_code* library
- The "Skylar One: System Upgrade Assessment Python 2 Verification" run book automation (RBA)

Installing the Skylar One: System Upgrade Assessment PowerPack

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

To download and install a PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page at the [ScienceLogic Support Center](#) (Skylar One > PowerPacks, login required).
2. In Skylar One, 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*.

Updating Legacy PowerPacks in Skylar One (SL1) 12.3.0 and Later

WARNING: You should read this section and, if necessary, complete the steps described before upgrading to Skylar One (SL1) version 12.3.0 or later. Otherwise, an unconverted PowerPack will have its license switched to read-only and you will not be able to recover a writeable state for it after 12.3.0 is installed.

Encryption and decryption methods that were used in legacy PowerPacks, which includes PowerPacks developed for Skylar One 10.x and earlier, have been deprecated as of the Skylar One 12.3.0 release.

As part of this effort, a check was added to ensure that PowerPacks are using the encryption method that is required in version 12.3.0 and later. If you attempt to upgrade to 12.3.0 or later, the upgrade will fail if any PowerPacks using the old encryption method are installed on your Skylar One instance.

To ensure that any legacy PowerPacks on your Skylar One stack continue to work, you should run the "PowerPack Encryption Validation Report" tool and rebuild any PowerPacks it identifies as not meeting the new encryption criteria before upgrading to Skylar One version 12.3.0 or later.

Before you begin the upgrade process to Skylar One version 12.3.0 or later, complete the following steps:

1. Download and install the "Skylar One: System Upgrade Assessment" PowerPack on the Skylar One 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, save it, and 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 Skylar One system before you upgrade to 12.3.0.

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ScienceLogic

800-SCI-LOGIC (1-800-724-5644)

International: +1-703-354-1010