Using the CLI: Toolkit PowerPack

PowerPack version 101

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Chapter 1

CLI: Toolkit PowerPack

Overview

This manual describes how to use the CLI: Toolkit PowerPack.

Use the following menu options to navigate the SL1 user interface:

- To view a pop-out list of menu options, click the menu icon ( ).
- To view a page containing all of the menu options, click the Advanced menu icon (•••).

The following sections provide an overview of the CLI: Toolkit PowerPack.

What is the CLI: Toolkit PowerPack?

The CLI: Toolkit PowerPack is an extension of the Snippet Framework created to introduce low-code development capabilities for PowerPack monitoring. The CLI: Toolkit's steps eliminate most of the developer's needs for Python development. Thus, resulting in reduced time and effort that is normally required for CLI-based PowerPack building.

The Command-Line Interface (CLI) Library can be used by a set of out-of-the-box steps. These steps, when followed completely, enable low-code development capabilities for CLI-monitoring PowerPacks. These out-of-the-box steps are commonly used with Unix commands.

Libraries exist in the CLI: Toolkit PowerPack that add support for Agent devices as well. Users can utilize Agent Support by following the agent-specific steps found in version 1 of the Sphinx CLI Toolkit here.

NOTE: The minimum SL1 version for the PowerPack is 11.3.0.

What Does the CLI: Toolkit PowerPack Include?

The CLI: Toolkit PowerPack includes:

- An execution environment with the CLI steps for a selected SL1 system. These steps are necessary for the building of Monitor PowerPacks.
- A template PowerPack implementation that demonstrates the CLI steps.
- Framework support for user-defined caching, pagination, and dependent collections.

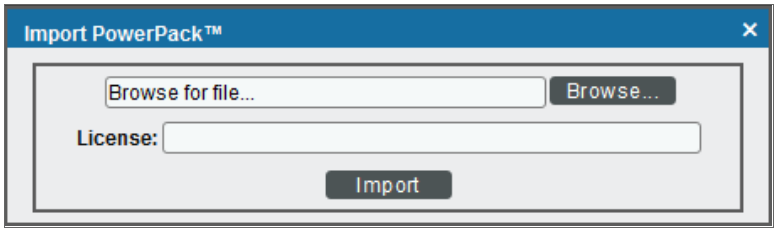
Installing the CLI: Toolkit PowerPack

Before you can use the Snippet Framework, you must import and install the latest version of the CLI: Toolkit PowerPack.

TIP: This PowerPack will not export from SL1 versions 11.1 and above.

To download and install a PowerPack:

1. Download the PowerPack from the ScienceLogic Support Site.
2. Go to the **PowerPack Manager** page (System > Manage > PowerPacks).
3. In the **PowerPack Manager** page, click the **[Actions]** button, then select *Import PowerPack*.
4. The **Import PowerPack** dialog box appears:



5. Click the **[Browse]** button and navigate to the PowerPack file.
6. When the **PowerPack Installer** modal appears, click the **[Install]** button to install the PowerPack.

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*.

Documentation for the CLI: Toolkit

Full documentation for the CLI: Toolkit is provided at the following location:

http://docs.sciencelogic.com/dev-docs/

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