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# Prometheus: Toolkit PowerPack Release Notes

Version 100

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## Overview

Version 100 of the *Prometheus: Toolkit* PowerPack allows users to build Dynamic Applications that monitor Prometheus using PromQL (Prometheus Query Language), a functional query language. Users can now select and aggregate time-series data in real time. The SL1 platform collects data using these Dynamic Applications to monitor, visualize, and forecast information. This is a Python-3 only PowerPack.

- **Minimum Required Platform Version:** 11.3.0

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## Before You Install

Ensure that you are running version 11.3.0 or later of SL1 before installing the Prometheus: Toolkit PowerPack version 100.

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## Installing the PowerPack

To install the Prometheus: Toolkit PowerPack for the first time, perform the following steps:

1. See the [Before You Install](#) section. If you have not done so already, upgrade your system to 11.3.0 or later release.
2. Download the *Prometheus: Toolkit* PowerPack from the Support Site to a local computer.
3. Go to the **PowerPack Manager** page (System > Manage > PowerPacks). Click the **[Actions]** menu and select *Import PowerPack*. When prompted, import version 100 of the Prometheus: Toolkit 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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## Features

The Prometheus: Toolkit PowerPack includes the following features:

- Dynamic Applications that enable SL1 to discover, model, and monitor Prometheus using PromQL.
- A PromQL execution environment to provide a platform for Snippet Framework processing.
- A list of required steps for PromQL Dynamic Application development.
- Examples that you can use to create your own Dynamic Applications.
- Support for these authentication types: Basic, Bearer Token, API Key, and OAuth2.

**NOTE:** The Prometheus: Toolkit PowerPack does not support the following metric types: Histogram & Summary.

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## Documentation for the Prometheus: Toolkit PowerPack

Full documentation for the PowerPack is provided at the following location:

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

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