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# Slack SyncPack

Release Notes Version 1.0.0

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## Overview

Version 1.0.0 of the "Slack" SyncPack is the initial release of the SyncPack.

This release provides a bi-directional integration between SL1 and Slack using PowerFlow. The SyncPack creates or updates Slack channels with details from SL1 events, including updates like acknowledging and clearing events. You can also use this SyncPack to retrieve details about SL1 business services and events, and display them in a Slack channel.

This SyncPack uses the "Slack Automation" PowerPack.

<b>NOTE:</b> This version of the SyncPack has been tested to sync up to 25 new devices at a time.
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## Included Features

This release of the "Slack" SyncPack includes the following features:

- **Create Slack channel For SL1 Event.** This application creates a channel in Slack based on the event severity configured in SL1 and will post the event to the created channel.
- **Notify SL1 Event to new Slack Channel.** This application creates a notification in a Slack channel from an SL1 event.
- **Notify SL1 Event to existing Slack Channel.** This application sends a notification to Slack of a "Major" event in SL1
- **Query SL1 Service and Device details.** This application allows you to query SL1 for service and device details from the Slack channel that ships with the SyncPack.
- **Sync SL1 Event status from Slack.** This application synchronizes an event update made in Slack with the event status in SL1.

The following configuration object is included in the SyncPack:

- **Sample Slack Config.** This configuration object can be used as a template after the SyncPack is installed on the PowerFlow system.

The following steps are included in this SyncPack:

- Create Slack Channel
- Create SL1 Payload
- Delete Event from SL1
- Fetch Channel ID From Name
- Fetch Slack Email
- Invite Users To Channel
- Post Event block To Slack
- Post event details To Channel
- Post Update To SL1
- Process Slash Command
- Receive Slack User Input Data
- Slash Command Parse Args

**TIP:** To view the latest manuals for the SL1 PowerFlow Platform, see the [SL1 PowerFlow](#) page. To view the latest release notes for PowerFlow, see [SL1 PowerFlow Release Notes](#).

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## System Requirements

This release of the "Slack" SyncPack requires:

- SL1 PowerFlow platform version 2.7.0 or later.
- SL1 version: 11.2.0 or later. For details on upgrading SL1, see the appropriate [SL1 Platform Release Notes](#).
- "Base Steps" SyncPack version 1.5.4 or later.
- "Slack Automation" PowerPack version 100 or later.
- "SL1 Notifications Base" SyncPack version 1.0.3 or later.

The following table lists the port access required by the PowerFlow platform and this SyncPack:

Source IP	PowerFlow Destination	PowerFlow Source Port	Destination Port	Requirement
PowerFlow	SL1 API	Any	TCP 443	SL1 API Access
PowerFlow	Slack API	Any	TCP 443	Slack API Access

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## Installing the SyncPack

A SyncPack file has the **.whl** file extension type. You can download the SyncPack file from the ScienceLogic Support site.

To locate and download the SyncPack:

1. Go to the ScienceLogic Support site at <https://support.sciencelogic.com/s/>.
2. Click the **[Product Downloads]** tab and select *PowerPacks*.
3. In the **Search PowerPacks** field, search for this SyncPack and select it from the search results. The **Release Version** page appears.
4. On the **[Files]** tab, click the down arrow next to the SyncPack version that you want to install, and select *Show File Details*. The **Release File Details** page appears.
5. Click the **[Download File]** button to download the .zip file containing the SyncPack.

After you download a SyncPack, you can import it to the PowerFlow platform using the PowerFlow user interface.

To import a SyncPack in the PowerFlow user interface:

1. On the **SyncPacks** page, click **[Import SyncPack]**. The **Import SyncPack** page appears.
2. Click **[Browse]** and select the **.whl** file for the SyncPack you want to install. You can also drag and drop a **.whl** file to the **Import SyncPack** page.
3. Click **[Import]**. PowerFlow registers and uploads the SyncPack. The SyncPack is added to the **SyncPacks** page.

**NOTE:** You cannot edit the content package in a SyncPack published by ScienceLogic. You must make a copy of a ScienceLogic SyncPack and save your changes to the new SyncPack to prevent overwriting any information in the original SyncPack when upgrading.

To activate and install a SyncPack in the PowerFlow user interface:

1. On the **SyncPacks** page, click the **[Actions]** button (⋮) for the SyncPack you want to install and select *Activate & Install*. The **Activate & Install SyncPack** modal appears.

**NOTE:** If you try to activate and install a SyncPack that is already activated and installed, you can choose to "force" installation across all the nodes in the PowerFlow system.

**TIP:** If you do not see the PowerPack that you want to install, click the Filter icon (≡) on the **SyncPacks** page and select *Toggle Inactive SyncPacks* to see a list of the imported PowerPacks.

2. Click **[Yes]** to confirm the activation and installation. When the SyncPack is activated, the **SyncPacks** page displays a green check mark icon for that SyncPack. If the activation or installation failed, then a red exclamation mark icon appears.
3. For more information about the activation and installation process, click the check mark icon or the exclamation mark icon in the **Activated** column for that SyncPack. For a successful installation, the "Activate & Install SyncPack" PowerFlow application appears, and you can view the Step Log for the steps. For a failed installation, the **Error Logs** window appears.
4. If you have other versions of the same SyncPack on your PowerFlow system, you can click the **[Actions]** button (⋮) for that SyncPack and select *Change active version* to activate a different version other than the version that is currently running.

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