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# Infoblox Inventory Synchronization PowerPack

Release Notes Version 1.0.0

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## Overview

Version 1.0.0 of the *Infoblox Inventory Synchronization PowerPack* provides a bidirectional integration between SL1 devices and Infoblox IP addresses.

**NOTE:** After the 2.1.0 release of the Integration Service platform, the *Integration Service* was rebranded as *SL1PowerFlow*.

**NOTE:** The label "SyncPack" is used in place of "Synchronization PowerPack" in the PowerFlow user interface.

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## System Requirements

*Infoblox Inventory Synchronization* version 1.0.0 requires:

- **SL1PowerFlow platform version:** 2.0.0 or later.
- **SL1 version:** 10.2.0 or later. For details on upgrading SL1, see the appropriate SL1 [Release Notes](#).

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

Source IP	PowerFlow Destination	PowerFlow Source Port	Destination Port	Requirement
PowerFlow	SL1 API	Any	TCP 443	SL1 API Access
PowerFlow	Infoblox API	Any	TCP 443	Infoblox API Access
PowerFlow	SL1 Database	Any	TCP 7706	SL1 Database Access

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## Installing the Synchronization PowerPack

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

To locate and download the Synchronization PowerPack:

1. Go to the [ScienceLogic Support site](#).
2. Click the **[Product Downloads]** tab and select *PowerPacks*.
3. In the **Search PowerPacks** field, search for this Synchronization PowerPack and select it from the search results. The **Release Version** page appears.
4. On the **[PowerPack Versions]** tab, click the name of the Synchronization PowerPack version that you want to install. The **Release File Details** page appears.
5. Click the **[Download File]** button or click the name of the **.zip** file containing the **.whl** file for this Synchronization PowerPack to download the Synchronization PowerPack.

**NOTE:** Synchronization PowerPacks do not require a specific license. After you download a Synchronization PowerPack, you can import it to the PowerFlow platform using the PowerFlow user interface.

To import a Synchronization PowerPack 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 Synchronization PowerPack you want to install.

**TIP:** You can also drag and drop a **.whl** file onto the **Import SyncPack** page.

3. Click **[Import]**. PowerFlow registers and uploads the Synchronization PowerPack. The Synchronization PowerPack is added to the **Synchronization PowerPacks** page.

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

To install a Synchronization PowerPack in the PowerFlow user interface:

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

**NOTE:** If you try to activate and install a Synchronization PowerPack 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 Synchronization PowerPack is activated, the **SyncPacks** page displays a green check mark icon for that Synchronization PowerPack. 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 Synchronization PowerPack. For a successful installation, the "Activate & Install Synchronization PowerPack" 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 Synchronization PowerPack on your PowerFlow system, you can click the **[Actions]** button (⚙️) for that Synchronization PowerPack and select *Change active version* to activate a different version other than the version that is currently running.

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## Included Features

Version 1.0.0 of the *Infoblox Inventory Synchronization* PowerPack includes the following features:

The following applications are included in this Synchronization PowerPack:

- **Get Device List From Infoblox and Add To SL1**. This application queries Infoblox for existing IP addresses and if an IP addresses does not exist in SL1 , a discovery session will be triggered and the device will be added to SL1 .
- **Get Device List From SL1 Add To Infoblox**. This application queries SL1 via discovery session for recently added devices. If a device does not exist in Infoblox, the IP address will be added to Infoblox.
- **Get Mismatched IP List**. This application queries both Infoblox and SL1 for matching device names. If a device in SL1 and Infoblox has the same name but different IP addresses, an event will be generated in SL1 .
- **Update Infoblox Id**. This application queries both Infoblox and SL1 for existing devices in SL1 and matching IP addresses in Infoblox. SL1 devices that match an IP address in Infoblox are assigned an Infoblox ID in a custom attribute in SL1 .

The following configuration object is included in the Synchronization PowerPack:

- **Infoblox Base Config**. This configuration object can be used as a template after the Synchronization PowerPack is installed on the PowerFlow system. The configuration object includes the following:
  - Details for connecting to the SL1, including the host, username, and password.
  - Details for connecting to Infoblox, including the URL, username, and password.
  - Details for adding SL1 devices to Infoblox, including zone name, time period, and custom attribute.
  - Details for adding Infoblox IP addresses to SL1, including organization ID, credentials, device group, device template, ports, and time period.

The following steps are included in this Synchronization PowerPack:

- Active Discovery Session
- Add Data To Custom Attribute
- Add New Device To Infoblox
- Checking Infoblox Record
- Checking Infoblox Id
- Create Custom Attribute
- Create Discovery Session
- Create SL1 Alert
- Get SL1 Device List
- Get Custom Attribute
- Get Device Details
- Get Discovery Session Log
- Get Infoblox Device Reference Id
- Get Infoblox Host List
- Get Infoblox Host Records
- Get IP List From Infoblox
- Get SL1 All Devices List
- Get SL1 Device Details
- Get SL1 Device List

**TIP:** To view release notes and manuals for all versions of the SL1 PowerFlow Platform, see [SL1 PowerFlow Documentation](#). To view release notes and manuals for PowerFlow Synchronization PowerPacks, see [SL1 Workflow Automation PowerPack Documentation](#).

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