



INTEGRATION PACK FOR SOLARWINDS

For Microsoft System Center Orchestrator

For System Center 2016 and 2019, you must use the 32-bit version of the integration pack, which has the name **Keverion_Integration_Pack_for_SolarWinds_2.0**

For System Center 2022 and later, you must use the 64-bit version of the integration pack, which has the name **Keverion_IP_SolarWinds_x64_2.0**

Release Notes

Version 2.0

February 2023

Introduction

The **Kelverion Integration Pack for SolarWinds** is an add-on for Microsoft System Center Orchestrator that enables integration with the SolarWinds Orion platform.

The Integration Pack provides the following activities:

- Add Poller
- Acknowledge Alert
- Create Node
- Clear Alert
- Delete Node
- Get Alert
- Get Alert History
- Get Engine
- Get Node
- Get Poller
- Get Suppressed
- Get Trigger Object
- Manage Node
- Monitor Alert
- Monitor Alert History
- Resume Alert
- Remove Poller
- Set Alert Note
- Set Custom Property
- Suppress Alert
- Un-Acknowledge Alert
- Un-Manage Node
- Update Node

System Requirements

The Kelverion Integration Pack for SolarWinds requires the following software to be installed and configured prior to implementing the integration. For more information about installing and configuring System Center Orchestrator and SolarWinds refer to the respective product documentation.

Kelverion_Integration_Pack_for_SolarWinds (32-bit)

- Microsoft System Center Orchestrator 2016, 2019
- Microsoft .NET Framework 4.7.2
- SolarWinds Orion Platform
 - 2019.4 (NPM 2019.4)
 - 2020.2.4 (NPM 2020.2.4)
 - 2022.4 (NPM 2022.4)
 - 2023.1 (NPM 2023.1)
- SolarWinds Information Service (SWIS)

Kelverion_IP_SolarWinds_x64 (64-bit)

- Microsoft System Center Orchestrator 2022
- Microsoft .NET Framework 4.7.2

- SolarWinds Orion Platform
 - 2019.4 (NPM 2019.4)
 - 2020.2.4 (NPM 2020.2.4)
 - 2022.4 (NPM 2022.4)
 - 2023.1 (NPM 2023.1)
- SolarWinds Information Service (SWIS)

Registering and Deploying the Integration Pack

After you download the integration pack, you register the integration pack file with the Orchestrator management server, and then deploy it to runbook servers and computers that have the Runbook Designer installed.

To register the integration pack:

1. On the management server, copy the **.OIP** file for the integration pack to a local hard drive or network share.
2. Confirm that the file is not set to **Read Only** to prevent unregistering the integration pack later.
3. Start the **Deployment Manager**.
4. In the navigation pane of the Deployment Manager, expand **Orchestrator Management Server**, right-click **Integration Packs** to select **Register IP with the Orchestrator Management Server**. The **Integration Pack Registration Wizard** opens.
5. Click **Next**.
6. In the **Select Integration Packs or Hotfixes** dialog box, click **Add**.
7. Locate the **.OIP** file that you copied locally from step 1, click **Open** and then click **Next**.
8. In the **Completing the Integration Pack Wizard** dialog box, click **Finish**.
9. On the **End User Agreement** dialog box, read the Kelverion License Terms, and then click **Accept**.
10. The **Log Entries** pane displays a confirmation message when the integration pack is successfully registered.

To deploy the integration pack:

1. In the navigation pane of the **Deployment Manager**, right-click **Integration Packs**, click **Deploy IP to Runbook Server or Runbook Designer**.
2. Select the integration pack that you want to deploy, and then click **Next**.
3. Enter the name of the runbook server or computers with the Runbook Designer installed, on which you want to deploy the integration pack, click **Add**, and then click **Next**.
4. Continue to add additional runbook servers and computers running the Runbook Designer, on which you want to deploy the integration pack. Click **Next**.
5. In the **Installation Options** dialog box, configure the following settings.

6. To choose a time to deploy the integration pack, select the **Schedule installation** check box, and then select the time and date from the **Perform installation** list.
7. Click one of the following:
 - a. **Stop all running runbooks before installing the integration pack** to stop all running runbooks before deploying the integration pack.
 - b. **Install the Integration Packs without stopping the running Runbooks** to install the integration pack without stopping any running runbooks.
8. Click **Next**.
9. In the **Completing Integration Pack Deployment Wizard** dialog box, Click **Finish**.
10. When the integration pack is deployed, the **Log Entries** pane displays a confirmation message.

Known Limitations

In SolarWinds versions 2022.4, 2023.1 the activity **Set Custom Property** does not work for the **Report** entity, due to a regression in the SolarWinds REST API.

Version History

Version 2.0

- Added new 64-bit product version with support for System Center Orchestrator 2022.
- The integration pack is now using .Net Framework 4.7.2.
- Verified the integration pack with SolarWinds 2022.4, 2023.1.

Version 1.4

- Added new activities to support node management functionality:
 - Create Node
 - Update Node
 - Delete Node
 - Add Poller
 - Get Poller
 - Remove Poller
 - Get Engine
- Revised Get Node fields to match other node management activities.

Version 1.3

- Verified support for SolarWinds Orion 2020.2.4, NPM 2020.2.4.
- TLS 1.0 and 1.1 are no longer supported.
- Input properties Start Time and End Time in the Un-Manage Node activity are now optional.

- When Start Time is not specified, it will default to the date and time when the activity is running.
- When End Time is not specified, it will default to max DateTime value, effectively placing the node in un-managed state indefinitely

Version 1.2

- Added support for SolarWinds Orion 2019.4, NPM 2019.4 HF2.

Version 1.11

- Added Get Alert History and Monitor Alert History activities.
- The Get Alert activity is now also publishing the Entity URI of the alert entity.

Version 1.10

- Added support for TLS 1.2
- Added new activity Manage Node
- Added new activity Un-Manage Node
- Added new activity Get Node
- Added new activity Set Alert Note
- Added new activity Set Custom Property
- Added support for SolarWinds 2018.2 HF3 NPM 12.3
- Improved activity filtering for inequality filter operators.
- Modified XML configuration file structure to include browser field maps.
- Introduced new Configuration Option property **Skip Certificate Validation** to specify if the IP should be validating the server certificate. ***Note that the default value for this property is False and that IP activities may fail after the upgrade, if you were using a self-signed certificate, or if the specified SolarWinds Server name was not listed on the certificate. Ensure that the server is configured with a valid certificate signed by a valid certificate authority and that the specified SolarWinds Server name is listed on the certificate. Alternately, for a secure network environment when working with at trusted server, you may choose not to validate the server certificate.***

Version 1.00

- Initial version