



# INTEGRATION PACK FOR NAGIOS XI

*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\_Nagios\_XI\_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\_Nagios\_XI\_x64\_2.0**

## Release Notes

Version 2.0

May 2024

# Introduction

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The Integration Pack for Nagios XI is an add-in for Microsoft System Center Orchestrator that enables you to automate the following Nagios XI activities:

- Acknowledge Problem
- Get Alerts
- Get Host Status
- Get Hosts
- Get Log Entries
- Get Scheduled Downtime
- Get Service Status
- Get Services
- Get State History
- Monitor Alerts
- Monitor Host Status
- Monitor Log Entries
- Monitor Service Status
- Remove Acknowledgement
- Schedule Downtime

## System Requirements

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The Integration Pack for Nagios XI requires the following software to be installed and configured before you deploy the integration. For more information about installing and configuring Orchestrator and Nagios XI, refer to the respective product documentation.

### *Kelverion\_Integration\_Pack\_for\_Nagios\_XI (32-bit)*

- Microsoft System Center Orchestrator 2016, 2019
- Microsoft .NET Framework 4.7.2
- Nagiosxi-2024R1.1.1-64

### *Kelverion\_IP\_Nagios\_XI\_x64 (64-bit)*

- Microsoft System Center Orchestrator 2022
- Microsoft .NET Framework 4.7.2
- Nagiosxi-2024R1.1.1-64

**Important:** The Integration Pack for Nagios XI requires the Nagios XI Event Log to be enabled. The Alerts and Log Entry activities will not return any records when the Nagios XI Event Log is disabled.

**Important:** If you are upgrading from Integration Pack for Nagios XI 1.2.x or earlier, then you must update your Nagios XI configuration options in Orchestrator. Please see the User Guide for details of new configuration changes.

# Registering and Deploying the Integration Pack

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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.

**IMPORTANT:** Ensure that you are deploying the correct version of the Integration Pack.

- For System Center 2016 and 2019, you must use the 32-bit version of the integration pack, which has the name **Kelverion\_Integration\_Pack\_for\_Nagios\_XI**
- For System Center 2022 and later, you must use the 64-bit version of the integration pack, which has the name **Kelverion\_IP\_Nagios\_XI\_x64**

## *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.

## Change History

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### Version 2.0

- Added new 64-bit product version with support for System Center Orchestrator 2022.
- Verified support for Nagiosxi-2024R1.1.1-64.

### Version 1.4

- Verified support for Nagios XI 5.8.2.
- Removed support for TLS 1.0 and 1.1.

### Version 1.32

- Monitor activates will now detect delayed events reported out of order. To support this a new required property **Lag Tolerance (minutes)**, allows users to configure how far into the past from the most recent triggered event, the activity should continue to monitor for new events that have yet to be reported.

### Version 1.31

- The integration pack now supports Nagios XI 5.5.2.
- Added support for TLS 1.1 and 1.2.
- 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 are using a self-signed certificate, or if the specified Nagios XI server name is not listed on the certificate. Please, ensure that the server is configured with a valid certificate signed by a valid certificate authority and that the specified Nagios XI Server name is listed on the certificate.***

***Alternately, for a secure network environment when working with a trusted server, you may choose not to validate the server certificate.***

- Fixed Get Scheduled Downtime filtering issues for Downtime ID, Downtime Type and Triggered By fields.
- Updated EULA.

## Version 1.3

- The integration pack now supports Nagios XI 5.4.3.
- The integration pack is now using Nagios XI REST API instead of Nagios XI Backend API (deprecated). Existing IP Configuration Options must be updated. Existing runbook activities should not be affected.
- Added Get Log Entries activity.
- Added Monitor Log Entries activity.

## Version 1.2

- Updated Kelverion.Management.dll.
- The integration pack now supports Nagios XI 5.2.7

## Version 1.11

- Fixed filtering issue in Acknowledge Problem when activity is configured to check if the acknowledgement has been registered.

## Version 1.1

- Addressed issue due to Nagios API filtering limitation when filter value contains certain special characters.

## Version 1.0

- Initial release