



# INTEGRATION PACK FOR AMAZON EC2

*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\_Amazon\_EC2\_3.0**

For System Center 2022 and later, you must use the 64-bit version of the integration pack, which has the name **Keverion\_IP\_Amazon\_EC2\_x64\_3.0**

## Release Notes

Version 3.0

December 2023

# Introduction

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The **Kelverion Integration Pack for Amazon EC2** is an integration pack for **Microsoft System Center Orchestrator** that lets you configure and manage resources in Amazon EC2. The integration pack includes the following activities:

- Attach Network Interface
- Attach Volume
- Copy AMI
- Copy Snapshot
- Create AMI
- Create Snapshot
- Create Volume
- Delete Snapshot
- Delete Volume
- Deregister AMI
- Detach Network Interface
- Detach Volume
- Get Objects
- Launch Instances
- Reboot Instance
- Run EC2 Action
- Start Instance
- Stop Instance
- Terminate Instance

## System Requirements

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The Kelverion Integration Pack for Amazon EC2 requires the following software to be installed and configured prior to deploying the integration. For more information about installing and configuring Orchestrator and the SQL Server, refer to the respective product documentation.

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

- Microsoft System Center Orchestrator 2016, 2019
- Microsoft .NET Framework 4.6.2
- Amazon EC2 (December 2023)

### *Kelverion\_IP\_SqlServer\_x64 (64-bit)*

- Microsoft System Center Orchestrator 2022
- Microsoft .NET Framework 4.6.2
- Amazon EC2 (December 2023)

## 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\_Amazon\_EC2**.
- For System Center 2022 and later, you must use the 64-bit version of the integration pack, which has the name **Kelverion\_IP\_Amazon\_EC2\_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**.
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.

For more information about how to install integration packs, see the [How to Install an Integration Pack](https://technet.microsoft.com/en-us/library/hh420346.aspx) (<https://technet.microsoft.com/en-us/library/hh420346.aspx>).

## Change History

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### Version 3.0

- Added new x64-bit product version for Orchestrator System Center Orchestrator 2022.
- Updated to support AWS SDK for .NET version 3.

### Version 2.21

- Updates to the Kelverion management library.

### Version 2.2

- Introduced a new licensing model that distinguishes evaluation, production, and non-production licenses. Evaluation licenses enable the integration pack to run on any Runbook Server and are valid for a specified number of days from the start of the evaluation. Production and non-production licenses enable the integration pack to run on a predefined set of Runbook Servers, the names of which must be provided to Kelverion before the license can be generated. Furthermore, each license file can now enable multiple integration packs thus eliminating the need to have separate license files for each integration pack that you have in your environment.
- **IMPORTANT:** If you are upgrading an existing deployment of this integration pack you must contact your sales contact or [info@kelverion.com](mailto:info@kelverion.com) to obtain a new license before upgrading to this version.

### Version 2.1

- Added support for specifying the Primary IP address when launching instances.

### Version 2.0

- Added support for System Center 2012 R2 Orchestrator.