

# Kelverion Integration Pack for Microsoft System Center

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*Version 3.1*

*Release Notes*

*Updated: April 2020*

*Applies To: System Center Orchestrator*

## Introduction

The Integration Pack for Microsoft System Center is an add-on for System Center Orchestrator that enables you to integrate and automate tasks in the following Microsoft System Center components:

- System Center Configuration Manager (SCCM)
  - Add Software Update to Group
  - Create Package
  - Create Program
  - Create Software Update Group
  - Get Device
  - Get Package
  - Get Software Update
  - Get Software Update Group
  - Import Computer
  - Remove Device
  - Start Content Distribution
  - Update Package
  - Update Software Update Group
- System Center Operations Manager (SCOM)
  - Get Class
  - Get Class Instance
  - Get Management Pack
  - Get Monitor
  - Get Rule
  - Get Task
  - Get Task Result
  - Install Agent
  - Reset Monitoring State
  - Start Task

## System Requirements

**Note:** This release of the Integration Pack is compatible with SCOM and SCCM versions released with Microsoft System Center 2016 and 2019. For SCOM and SCCM versions released with System Center 2012 you should use Keverion Integration Pack for Microsoft System Center version 2.1.

The Integration Pack for Microsoft System Center has specific system requirements depending on which component is targeted by the integration.

### Common Requirements

The Integration Pack requires the following software to be installed and configured prior to implementing any integration. For more information about installing and configuring Orchestrator, refer to the respective product documentation.

- Microsoft System Center Orchestrator\*
- Microsoft .NET Framework 4.5.2
- Microsoft Windows PowerShell 3.0

\* Please see [Keverion.com/orchestrator](http://Keverion.com/orchestrator) for the latest Orchestrator support information.

### SCCM System Requirements

In addition to Common Requirements, SCCM integrations also require the following software to be installed and configured prior to implementing the integration:

- Microsoft System Center 2016 Configuration Manager
  - Version 1910
  - Version 1906
  - Version 1902
  - Version 1706
- Microsoft Windows Remote Management (WinRM)

### SCOM System Requirements

In addition to Common Requirements, SCOM integrations also require the following software to be installed and configured prior to implementing the integration:

- Microsoft System Center 2019
  - Operations Manager (10.19.10050.0)
  - Operations Manager Console
- Microsoft System Center 2016
  - Operations Manager (7.2.11878.0)
  - Operations Manager Console

## Upgrading from Previous Version(s) of the Integration Pack

If you are upgrading from Kolverion Integration Pack for Microsoft System Center, you must first uninstall the previous integration pack, using the Orchestrator Deployment Manager:

**To uninstall the integration pack:**

1. Start the **Deployment Manager**.
2. In the navigation pane of the Deployment Manager, expand **Orchestrator Management Server**, expand **Runbook Servers** and then select the runbook server where the integration pack has been installed.
3. Locate the integration pack in the list of integration packs for the selected runbook server.
4. Right click on the integration pack and then click **Uninstall Integration Pack or Hotfix**
5. Repeat steps 2-4 for all runbook servers and/or runbook designers where the integration pack has been installed.

## Registering and Deploying the Integration Pack

After you download the integration pack file, you must register it with the Orchestrator management server and then deploy it to Runbook Servers and Runbook Designers. 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>).

**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 at a later date.
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 Kolverion 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 the 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

### Version 3.1

- Added support for Microsoft System Center 2019

### Version 3.0

- Added support for Microsoft System Center 2016
- **Several SCCM activity tasks were changed to take into account PowerShell cmdlet changes in SCCM 2016. Some of these tasks are no longer compatible with SCCM 2012. Version 2.1 of the IP should be used with MS SC 2012.**
- Removed Azure Automation activity
- Removed Azure Compute activity
- Removed SCSM activity
- Removed SMA activity
- Removed the following tasks in SCCM activity:
  - *Add Distribution Point*
  - *Create Site System Server*
  - *Get Distribution Point*
  - *Get Site System Server*
  - *Synchronize Software Update*
- SCCM activity task changes
  - Add Software Update to Group
    - Input property *Software Update ID* can now also contain a comma separated list of IDs.
  - Create Program
    - Input property *Package Name* has been replaced by *Package ID*.
  - Get Package

- Input property *Secured Scope Names* has been removed.
- Get Software Update
  - Input property *Secured Scope Name* has been removed.
  - Removed output properties:
    - EULA Accepted
    - EULA Exists
    - EULA Signoff Date
    - EULA Signoff User
    - Localized EULAs
    - Localized Information
    - SDM Package Localized Data
    - SDM Package Version
    - SDM Package XML
- Get Software Update Group
  - Input property *Secured Scope Name* has been removed.
  - Removed output properties:
    - EULA Accepted
    - EULA Exists
    - EULA Signoff Date
    - EULA Signoff User
    - Localized Information
    - SDM Package Localized Data
    - SDM Package Version
    - SDM Package XML
- Import Computer
  - Added new input properties:
    - *User Account Migration Behavior*
    - *User Name*
    - *Merge If Exist*
- Start Content Distribution
  - Input property *Disable Detect Associated Content Dependencies* is now available only for Application content type.
  - Input property *Collection Name* can now also contain a comma separated list of names.
  - Input property *Distribution Point Group Name* can now also contain a comma separated list of names.
  - Input property *Distribution Point Name* can now also contain a comma separated list of names.
- Update Package
  - Input property *Secured Scope Names* has been removed.
  - Added new input properties:

- *Enable Binary Delta Replication*
- *Multicast Allow*
- *Multicast Encrypt*
- *Multicast Transfer Only*
- *Persist Content In Cache*
- *Prestage Behavior*
- *Send To Preferred Distribution Point*
- Update Software Update Group
  - Input property *Security Scope Action* has been removed.
  - Input property *Security Scope Names* has been removed.
  - Added new input properties:
    - *Clear Software Updates*
    - *Clear Expired Software Updates*
    - *Clear Superseded Software Updates*

## Version 2.10

- New end user license agreement.

## Version 2.04

- Fixed SCCM Tasks *Get Package*, *Get Software Update*, *Get Software Update Group*, *Import Computer*, *Update Package*, *Update Software Update Group* to handle API changes in SCCM 2012 R2.

## Version 2.03

- Fixed SCCM Task *Remove Device* to handle API changes in SCCM 2012 R2.

## Version 2.02

- Fixed SCOM Task *Install Agent* issue when specifying only Primary Management Server.

## Version 2.01

- Fixed SCOM Task *Install Agent* so that it can handle multiple SCOM management servers.

## Version 2.0

- Introduced Azure Automation activity and tasks.
- Introduced Azure Compute activity and tasks.
- Introduced SMA activity and tasks.
- Introduced the following SCSM activity tasks:
  - Get Class Instance
  - Remove Class Instance

- In SCSM activity, *Get Base Configuration Item* task *Class ID* or *Class Name* can now be optionally specified.
- In SCSM activity, *Get Relationship Instance* task relationship source(s) and/or target(s) can now be optionally specified by class name.
- Introduced the following SCCM activity tasks:
  - Create Package
  - Update Package
  - Get Package
  - Create Program
  - Create Site System Server
  - Get Site System Server
  - Add Distribution Point
  - Get Distribution Point
- Fixed some filtering issues with special characters

## Version 1.11

- Updated Keverion.Management.dll.

## Version 1.1

- 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 Keverion 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 and you are currently using version 1.0 or earlier, must contact your sales contact or [info@kelverion.com](mailto:info@kelverion.com) to obtain a new license before upgrading to this version.