



INTEGRATION PACK FOR OAUTH EMAIL

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_OAuth_Email_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_OAuth_Email_x64_2.0**

Release Notes

Version 2.0

January 2023

Introduction

The Integration Pack for Email is an add-on for System Center Orchestrator that enables you to send, retrieve and monitor email messages. The IP works with SMTP servers (outgoing email) and IMAP servers (incoming email). The integration pack provides the following email activities:

- Delete Email
- Empty Mailbox
- Get Email
- Get Email List
- Get Mailbox Info
- Get Mailbox List
- Monitor Email
- Move Email
- Send Email

System Requirements

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

Keverion_Integration_Pack_for_OAuth_Email (32-bit)

- Microsoft System Center Orchestrator 2016, 2019
- Microsoft .NET Framework 4.7.2
- Microsoft Office 365 Email Subscription

Keverion_IP_OAuth_Email_x64 (64-bit)

- Microsoft System Center Orchestrator 2022
- Microsoft .NET Framework 4.7.2
- Microsoft Office 365 Email Subscription

The Integration Pack requires the following protocols to be enabled in your Microsoft Office 365 Email Subscription:

- SMTP for Send Email activity
- IMAP for all other activities

Important: The IP supports **OAuth 2.0** authentication for the **Microsoft Office 365** environment. You will need to register and configure an app in your Azure Active Directory, that the IP will use for accessing your Office 365 email account(s).

Important: For incoming email, the IP supports **IMAP**, but does not support the POP3. For outgoing email, the IP supports **SMTP**.

Important: The IP supports **Basic Authentication** for email providers that still support it, for example Outlook.com (Hotmail). The Integration Pack should be compatible with standard **IMAP** and **SMTP** implementations, however in cases where server implementations differ from the standard, the IP may not behave as expected.

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.

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

Version 2.0

- The Kolverion Integration Pack for OAuth Email is a new integration pack that supports runbooks that were built with Kolverion Integration Pack for Email 1.3.
- Added new 64-bit product version with support for System Center Orchestrator 2022.
- The integration pack now supports Microsoft Office 365 mail with OAuth 2.0.
- The integration pack supports Basic Authentication, for email providers that support Basic Authentication (Outlook.com, Hotmail).
- The integration pack supports IMAP and SMTP.
- The integration pack no longer supports the POP3 protocol.
- The integration pack is now using .Net Framework 4.7.2.
- Configuration option changes:
 - **Incoming Protocol** value can now only be set to IMAP. POP3 is no longer supported.
 - **Incoming Tenant ID** property has been added.
 - **Incoming Client ID** property has been added.
 - **Incoming Client Secret** property has been added.
 - **Outgoing Tenant ID** property has been added.
 - **Outgoing Client ID** property has been added.
 - **Outgoing Server Requires Authentication** property has been removed.
- **Delete Email** activity changes:
 - **Unique ID** published value is now in the form <UIDVALIDITY>_<UID>.
- **Get Email List** and **Monitor Email** activity changes:
 - **Keyword** optional property has been removed.
 - **Is Signed or Encrypted** published property and filter have been removed.

- **Message ID** published value is no longer enclosed in angled brackets <>. For example, 123456789abcd, instead of <123456789abcd>.
- **Sequence Number** published values now start with 0, instead of 1.
- **Unique ID** published value is now in the form <UIDVALIDITY>_<UID>.
- Additional server-side filtering. For details please see User Guide activity reference.
- **Get Email** activity changes:
 - **Is Encrypted** published property has been removed.
 - **Is Read Only** published property has been removed.
 - **Is Signed** published property has been removed.
 - **Unique ID** published value is now in the form <UIDVALIDITY>_<UID>.
- **Move Email** activity changes:
 - **Unique ID** published value is now in the form <UIDVALIDITY>_<UID>.
- **Send Email** activity changes:
 - **Message ID** published value is no longer enclosed in angled brackets <>. For example, 123456789abcd, instead of <123456789abcd>.

Version 1.3

- Added support for TLS 1.2
- New end user license agreement.
- Added new optional property As Plain Text in Get Email activity for specifying that the message body should be published as plain text.
- Added new optional property Additional Attachments in Send Email activity for specifying a semicolon (;) separated list of attachment paths.

Version 1.2

- Kelverion.Management.dll update.
- New end user license agreement.

Version 1.1

- General update to improve logging and diagnostics.

Version 1.01

- Kelverion.Management.dll update.

Version 1.0

- Initial release.