



# INTEGRATION MODULE FOR ATlassian JIRA

*For Keverion Runbook Studio and Azure Automation*

## Release Notes

Version 2.5

November 2023

Microsoft  
Azure

Certified

# Introduction

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The Keverion Integration Module for Atlassian Jira is an Integration Module for Runbook Studio and Azure Automation that lets you integrate your runbooks with Atlassian Jira. The Keverion Integration Module for Atlassian Jira is Microsoft Azure Certified.

*The integration module includes the following activities:*

|                                       |  |
|---------------------------------------|--|
| <b>Add-JiraAttachment</b>             | Add an attachment to an issue                          |
| <b>Add-JiraIssueComment</b>           | Add a comment to an issue                              |
| <b>Add-JiraIssueWatcher</b>           | Add a user as a watcher of an issue                    |
| <b>Add-JiraIssueWorklog</b>           | Add a worklog to an issue                              |
| <b>Get-JiraIssue</b>                  | Get issue details                                      |
| <b>Get-JiraIssueAttachment</b>        | Get the attachments that have been added to an issue   |
| <b>Get-JiraIssueAttachmentContent</b> | Download the content of an attachment                  |
| <b>Get-JiraIssueComment</b>           | Get the comments that have been added to an issue      |
| <b>Get-JiraIssueTransition</b>        | Get the transitions that can be performed on the issue |
| <b>Get-JiraIssueWatcher</b>           | Get the watchers that have been added to an issue      |
| <b>Get-JiraIssueWorklog</b>           | Get the worklogs that have been added to an issue      |
| <b>Get-JiraUser</b>                   | Get the users that have been assigned to a project     |
| <b>Invoke-JiraIssueTransition</b>     | Perform an issue transition                            |
| <b>New-JiraIssue</b>                  | Create a new issue or subtask                          |
| <b>Remove-JiraIssue</b>               | Remove an issue  |
| <b>Remove-JiraIssueAttachment</b>     | Remove an attachment from an issue                     |
| <b>Remove-JiraIssueComment</b>        | Remove a comment from an issue                         |
| <b>Remove-JiraIssueWatcher</b>        | Remove a user as a watcher of an issue                 |
| <b>Remove-JiraIssueWorklog</b>        | Remove a worklog from an issue                         |
| <b>Set-JiraIssue</b>                  | Update an issue  |
| <b>Set-JiraIssueComment</b>           | Update an issue comment                                |
| <b>Set-JiraIssueWork</b>              | Update an issue worklog                                |

# System Requirements

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The Integration Module for Atlassian Jira requires the following software to be installed and configured prior to implementing the integration. For more information about installing and configuring Atlassian Jira, refer to the respective product documentation.

- Keverion Runbook Studio 5.6
- Microsoft .NET Framework 4.7.2

## *Atlassian Jira Server:*

- Atlassian Jira Cloud [November 2023]
- Atlassian Jira Software 9.4.11
- Atlassian Jira Service Management 5.4.11

# Installing the Integration Module

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The easiest way to install and deploy the Integration Module for Atlassian Jira is from the PowerShell Gallery, but you can also download the module from Keverion and perform the steps manually.

You must install and deploy the Integration Module to each Azure Automation Account and Hybrid Worker host system that you plan to use to run your runbooks. You must also install the Integration Module on any Runbook Studio host systems that you will be using to build and manage your runbooks.

## Using the PowerShell Gallery

Using the commands in the **PowerShellGet** module you can download the Keverion Integration Module for Atlassian Jira from the PowerShell Gallery and install it on your local computer. You can also deploy the module directly from the PowerShell Gallery to any of your Azure Automation Accounts.

### *Install the Integration Module on your local computer:*

1. Confirm that you the PowerShellGet module installed.
2. Start a PowerShell window as Administrator and run the command:

```
Install-Module -Name Keverion.Atlassian.Jira -Scope AllUsers
```

### *Upload the Integration Module to an Azure Automation Account:*

1. Go to the [PowerShell Gallery](#).
2. Click the **Azure Automation** tab.
3. Click **Deploy to Azure Automation**. You will be directed to Microsoft Azure.
4. Select the **Automation Account** that you want to deploy the module to.
5. Click **OK**.

## Manual Installation

Alternatively, you can download the Integration Module package from Keverion and deploy it manually to your local computer, hybrid workers and Automation Accounts.

The download package from Keverion includes a **.zip** file containing the Integration Module as well as the User Guide and Release Notes. The following instructions assume that you have unzipped the download package and have access to the **.zip** file containing the Integration Module.

### *Install the Integration Module on your local computer:*

1. Copy the **Keverion.Atllassian.Jira.zip** file to your local computer.
2. Right click on the file and select **Properties**.
3. Click the **General** tab. If necessary, click **Unblock**, and then click **OK**.
4. Unzip the **Keverion.Atllassian.Jira.zip** file.
5. Copy the **Keverion.Atllassian.Jira** folder to a location in the `%PsModulePath%` path.

**Important:** When installing the Integration Module on a Hybrid Worker, you must use a location that is accessible to all users of the computer.

### *Upload the Integration Module to an Azure Automation Account:*

1. Sign into [Microsoft Azure](#).
2. Open the Automation Account that you want to upload the module to.
3. Click **Modules** under Shared Resources. The list of installed modules is displayed.
4. Click **Add a module** at the top of the list.
5. In the **Upload File** box, select the **Keverion.Atllassian.Jira.zip** file that you downloaded.
6. Click **OK**. Importing the module may take several minutes.

## Licensing the Integration Module

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Licenses for Keverion Integration Modules are managed and deployed using the *Keverion Runbook Studio* and *Automation Connection Assets*.

### *Register an Integration Module license with Runbook Studio:*

1. Open **Keverion Runbook Studio**.
2. On the **File** tab, click **About**.
3. Click **License Information**.
4. Click the **Integration Modules** tab, and then click **Add License**.
5. Select the integration module license file (.kaml) and click **Open**.
6. You should see your entitlements displayed in the list.
7. Click **OK**.

**Important:** Entitlements will not display until after the Integration Module has been installed on the Runbook Studio computer.

*Create a Connection Asset with a license key and upload it to Azure:*

1. On the **Home** tab, click **Sign In**. The Sign In dialog appears.
2. Sign into your account.
3. In the **Active Azure Automation Account** box, select the account that you want to add the connection asset to.
4. Click **New Asset** and then click **Connection**. The New Connection dialog appears.
5. In the **Name** field, enter a name to identify the connection.
6. In the **Connection Type** field, select the desired connection type.
7. Enter the appropriate connection information in the provided fields.
8. Click **OK**.

*Update all Connection Assets license keys and upload them to Azure:*

1. On the **Home** tab, click **Sign In**. The Sign In dialog appears.
2. Sign into your account.
3. In the Explorer panel, click the **Azure (Online)** group.
4. Right-click the Azure Automation Account that contains the connection assets you want to update, and then click **Update License Keys**. A summary is displayed.

## Changes History

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### Version 2.5 (Current)

- Removed Jira 8 and 9.0 support.

### Version 2.4

- Adds support for Jira Software 9.0 and Jira Service Desk 5.0
- Resolved an issue in Get-JiraUser that caused the activity to loop when targeting Jira 9.0, 8.22.19.0 and higher. The API has lowered the maximum users returned from 1,000 to 100.
- Resolved an issue in Remove-JiraIssue that was returning duplicate IDs.
- Resolved an issue in Get-JiraIssue when targeting deleted records in Jira Cloud

### Version 2.3

- Adds support for Jira Software 8.14.1 and Jira Service Desk 4.14.1

### Version 2.2

- Added the Get-JiraUser activity.

- Renamed activities that act on issues.
- Updated activities to improve usability in PowerShell scripts.
- Simplified outputs from Remove and Set activities.
- Adds support for Jira cloud.

## Version 2.1

- Improved error message when no valid licenses are present.

## Version 2.0

- **This version is not backwards compatible with previous versions due to changes to the fields of the connection type used by this module. It is a new integration module with a new name and module identifier.**
- Removed requirement for Keverion Management Server. License files and entitlements are now managed in Keverion Runbook Studio.