

AWS Well-Architected Tool Connector for Jira

You can use the AWS Well-Architected Tool Connector for Jira to link your Jira account with AWS Well-Architected Tool and sync improvement items from your workloads to Jira projects to help you create a closed-loop mechanism in implementing improvements.

The connector provides both Automatic and Manual syncing. For more detail, see [Configuring the connector](#).

The connector can be set up at the account level and the workload level, with the option to override your account-level settings per workload. At the workload level, you can also choose to exclude a workload from syncing entirely.

You can choose to have improvement items synced to the default WA Jira project, or specify an existing project key to sync to. At the workload level, you can sync each workload to a unique Jira project if necessary.

Note

The connector only supports scrum and kanban projects in Jira.

When improvement items are synced to Jira, they are organized in the following way:

- **Project:** WA (or existing project you specify)
- **Epic:** Workload
- **Task:** Question
- **Sub-task:** Best practice
- **Label:** Pillar

After you set up Jira account syncing in the **Settings** page, you can [configure the Jira connector](#) and [sync improvement items to your Jira account](#).

Setting up the connector

To install the connector

Note

All of the following steps are performed in your Jira account, not in your AWS account.

1. Log in to your Jira account.
2. In the top navigation bar, choose **Apps**, then select **Explore more apps**.
3. In the **Discover apps and integrations for Jira** page, enter AWS Well-Architected. Then, choose the **AWS Well-Architected Tool Connector for Jira**.
4. In the app page, choose **Get app**.
5. In the **Add to Jira** pane, choose **Get it now**.
6. After the app installs, to complete setup, choose **Configure**.
7. In the **AWS Well-Architected Tool Configuration** page, choose **Connect a new AWS account**.
8. Enter your **AccessKeyId** and **Secret Key**. Optional: Enter your **Session Token**. Then, choose **Connect**.

Note

Make sure your account has the permission `wellarchitected:ConfigureIntegration`. This permissions is required to add AWS accounts to Jira.

Multiple AWS accounts can be connected to AWS WA Tool.

Note

As a security best practice, its highly recommended to use short-term IAM credentials. For detail on creating an **AccessKeyId** and **Secret Key** for your AWS account, see [Managing access keys \(console\)](#), and for detail on using short term credentials, see [Requesting temporary credentials](#).

9. For **Regions**, select the AWS Regions you want to connect. Then, choose **Connect**.

Jira project setup

When using custom projects, make sure you have the following issue types in your project setup:

- **Scrum:** Epic, Story, Subtask
- **Kanban:** Epic, Task, Subtask

For detail on managing issue types, see [Atlassian Support | Add, edit, and delete an issue type](#).

To check the status of the connector in AWS Well-Architected Tool

1. Log in to your AWS account and navigate to AWS Well-Architected Tool.
2. Select **Settings** in the left navigation pane.
3. In the **Jira account syncing** section, under **Jira app connection status**, check for the **Configured** status.

The connector is now set up and ready to be configured. To configure Jira sync settings at the account and workload level, see [Configuring the connector](#).

Configuring the connector

With the AWS Well-Architected Tool Connector for Jira, you can configure Jira syncing at the account level, the workload level, or both. You can configure workload-level Jira settings independent of account-level settings, or override your account-level settings on a specific workload to specify the workload's sync behavior. You can also configure Jira settings when [Defining a workload](#).

The connector provides two sync methods: **Automatic** and **Manual** sync. In both sync methods, changes that are made in AWS WA Tool are reflected in your Jira project, and changes made in Jira are synced back to AWS WA Tool.

Important

By using Automatic sync, you consent to AWS WA Tool modifying your workload in response to changes in Jira.

If you have sensitive information you do not wish to sync to Jira, do not input this information into the **Notes** field in your workloads.

- **Automatic sync:** The connector automatically updates your Jira project and your workload each time a question is updated, including selecting or deselecting a best practice and completing a question.
- **Manual sync:** You must choose **Sync with Jira** in the workload dashboard when you want to sync improvement items between Jira and the AWS WA Tool. You can also choose which specific pillars and questions you want to sync. For more detail, see [Syncing a workload](#).

To configure the connector at the account level

1. Select **Settings** in the left navigation pane.
2. In the **Jira account syncing** pane, choose **Edit**.
3. For **Sync type**, select one of the following:
 - a. To automatically sync workloads when changes are made, select **Automatic**.
 - b. To manually choose when to sync workloads, select **Manual**.
4. By default, the connector creates a **WA** Jira project. To specify your own Jira project key, do the following:
 - a. Select **Override default Jira project key**.
 - b. Enter your **Jira project key**.

Note

The specified **Jira project key** is used for all workloads unless you change the project at the workload level.

5. Choose **Save settings**.

To configure the connector at the workload level

1. Select **Workloads** in the left navigation pane, and select the name of the workload you want to configure.

2. Choose **Properties**.
3. In the **Jira** pane, choose **Edit**.
4. To configure the workload's Jira settings, select **Override account level settings**.

 **Note**

Override account level settings must be selected in order to apply workload-specific settings.

5. For **Sync override**, select one of the following:
 - a. To exclude the workload from Jira sync, select **Do not sync workload**.
 - b. To manually choose when to sync the workload, select **Sync workload - Manual**.
 - c. To sync workload changes automatically, select **Sync workload - Automatic**.
6. (Optional) For **Jira project key**, enter the project key to sync the workload to. This project key can be different from your account-level project key.

If you don't specify a project key, the connector creates a **WA** Jira project.

7. Choose **Save**.

For detail on performing a manual sync, see [Syncing a workload](#).

Syncing a workload

For Automatic syncing, the connector automatically syncs improvement items when you update a workload (for example, when you complete a question or select a new best practice).

In both Manual and Automatic syncing, any changes made in Jira (like completing a question or best practice) are synced back to AWS Well-Architected Tool.

To manually sync a workload

1. When you are ready to sync your workload to Jira, select **Workloads** in the left navigation pane. Then, select the workload you want to sync.
2. In the workload overview, choose **Sync with Jira**.
3. Select the lens you want to sync.

4. For **Questions to sync to Jira**, select the questions or entire pillars you want to sync to the Jira project.
 - For any questions you want to remove, select the **X** icon next to the question title.
5. Choose **Sync**.

Uninstalling the connector

To fully uninstall the AWS Well-Architected Tool Connector for Jira, perform the following tasks:

- Turn off Jira sync in any workloads that override account-level sync settings
- Turn off Jira sync at the account level
- Unlink your AWS account in Jira
- Uninstall the connector from your Jira account

To turn off the connector at the account level

Note

The following steps are performed in your AWS account.

1. Select **Settings** in the left navigation pane.
2. In the **Jira account syncing** section, choose **Edit**.
3. Clear the **Turn on Jira account syncing** option.
4. Choose **Save settings**.

To unlink an AWS account

Note

All of the following steps are performed in your Jira account, not in your AWS account.

1. Log in to your Jira account.

2. In the top navigation bar, choose **Apps**, then select **Manage your apps**.
3. Choose the dropdown arrow next to **AWS Well-Architected Tool Connector for Jira**, then choose **Configure**.
4. In the AWS Well-Architected Tool Configuration pane, to unlink an AWS account, choose **X** under **Actions**.

To uninstall the connector

Note

All of the following steps are performed in your Jira account, not in your AWS account. We recommend verifying that all connected AWS accounts are unlinked in the configuration of the connector prior to uninstalling the connector.

1. Log in to your Jira account.
2. In the top navigation bar, choose **Apps**, then select **Manage your apps**.
3. Choose the dropdown arrow next to **AWS Well-Architected Tool Connector for Jira**.
4. Choose **Uninstall**, then choose **Uninstall app**.