Link Jira Software Cloud with Jenkins

Reference: <https://support.atlassian.com/jira-cloud-administration/docs/integrate-with-jenkins/>

**Install the Jira Cloud plugin for Jenkins**

1. Log in to your Jenkins server and navigate to the Plugin Manager.
2. Select the “Available” tab and search for “Atlassian Jira Software Cloud”.
3. Install the plugin.

The open-source plugin is hosted at GitHub. [You can check it out here](https://github.com/jenkinsci/atlassian-jira-software-cloud-plugin).

**Install the “Jenkins for Jira” app in Jira**

You can install the "Jenkins for Jira" app on your Jira site by using the [direct installation link here](https://developer.atlassian.com/console/install/21696c93-1a1d-4dd0-bac0-dfed80a62aba?signature=0959fc868cbcef86a68217b573a595eda2966abfdfad3dbb13edcec9ef9ff5fd&product=jira).

Alternatively, you can install the app via the Jira Marketplace:

1. Log in to your Jira site and go to **Apps > Explore more apps**.
2. Type "Jenkins for Jira" into the search box.
3. Click on the "Jenkins for Jira by Atlassian" app (if it doesn't show up, you might have to remove the "Top trending" filter).
4. Click on "Get app".

**Set up a webhook in Jira**

After installing the "Jenkins for Jira" app on your Jira site, you’ll need to set up a webhook:

1. In Jira, go to **Apps > Manage your apps**.
2. In the left sidebar, under "Apps", click the link to the "Jenkins for Jira" app.
3. Click on "Connect a Jenkins server".
4. The app will remind you to install the Jenkins plugin. Click on "Next".
5. Enter a name for your Jenkins server.
6. Copy the webhook URL for later use.
7. Copy the secret for later use.

**Connect Jenkins to the webhook**

With the webhook URL and secret, you can now create a connection between Jenkins and Jira.

1. In Jenkins, go to **Manage Jenkins > Configure System** and scroll to the Jira Software Cloud Integration section.
2. Select **Add Jira Cloud Site > Jira Cloud Site**. New fields will appear for your site name, webhook URL, and secret.
3. Enter the following details:
   * Site name: The URL for your Jira Cloud site, for example [yourcompany.atlassian.net](http://yourcompany.atlassian.net/).
   * Webhook URL: The webhook URL you copied from the Jenkins app in Jira earlier.
   * Secret:
     + Select Add > Jenkins
       - For *Kind*, select **Secret text**.
       - For *Secret*, paste the secret you copied from the Jenkins app in Jira earlier.
       - For *Description*, provide a description that helps you identify the secret.
     + The secret should now show in the dropdown menu. Select your newly created secret.
4. Select **Test connection** to make sure your credentials are valid for your Jira site.
5. Click **Save**.