Step 1: Install Jenkins Jira Plugin

1. Open your Jenkins instance.

2. Navigate to Manage Jenkins > Manage Plugins > Available.

3. Search for "Jira" in the "Filter" box.

4. Find the "Jira" plugin and check the box next to it.

5. Click on the "Install without restart" button.

Step 2: Configure Jira Server in Jenkins

1. After installing the Jira plugin, go to Manage Jenkins > Configure System.

2. Scroll down to the "Jira Software Cloud" or "Jira Software Server" section.

3. Click on "Add Jira Site".

4. Fill in the following information:

• Name: A name for the Jira site (e.g., "MyJira").

• Server URL: The URL of your Jira server.

• Username/Password: Credentials for accessing Jira.

• Click "Add" to save the site configuration.

5. You can add multiple Jira sites if needed.

Step 3: Configure Jenkins Job to Trigger on Jira Events

1. Create a new Jenkins job or open an existing one.

2. In the job configuration, find the "Build Triggers" section.

3. Check the option for "Jira Issue Updater."

4. Configure the Jira Site and JQL (Jira Query Language) expression to specify which issues should trigger the build.

Example Jira Trigger Configuration:

• Jira Site: Select the Jira server you configured earlier.

• JQL Filter: Define a Jira Query Language expression to filter the issues you want to trigger the build. For example: project = "MyProject" AND status = "In Progress"

Step 4: Save and Run the Jenkins Job

1. Save your Jenkins job configuration.

2. Run the Jenkins job manually or wait for Jira events to trigger it based on your configured JQL filter.