

Jenkins Server Integration

The Jenkins Integration is used to connect the JFrog Pipelines platform to [Jenkins](#) through the [Jenkins Artifactory Plugin](#).

Creating an Integration

You can add this integration by following steps on the [Managing Pipelines Integrations](#) page.

Here is the information you need to create this integration:

- **Name** -- choose a friendly name for the integration
- **url** -- enter the HTTP endpoint (URL) of your Jenkins server
- **Jenkins user** -- the Jenkins account user name
- **Jenkins API token** -- the Jenkins user's API token for authentication
- **Token to configure Jenkins Plugin** -- generate the required **Token to configure Jenkins Plugin** to complete the integration.

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For information about using the Jenkins server integration, see [Using Jenkins With Pipelines](#).

Usage

The Jenkins Server integration can be used with the [Jenkins](#) native step. Operation requires that the [Jenkins Artifactory Plugin](#) be installed in your Jenkins server.

For Jenkins to successfully interoperate with Pipelines, a bearer token generated by Pipelines must be provided to the required plugin for authentication of your JPD user account.

Configuration

To complete the Jenkins Server integration and connect it to the Jenkins Artifactory Plugin:

1. In the Jenkins Server Integration UI, enter the required configuration information.
2. Next to the field **Token to configure Jenkins Plugin**, click **Generate**.

Token to configure Jenkins Plugin*

Bearer token to configure in Jenkins Plugin

Generate

3. Once the token is generated, click **Copy to Clipboard**.

Token to configure Jenkins Plugin*

Copy to clipboard

4. In the Jenkins Artifactory Plugin configuration, in the **JFrog Pipelines server** section, **Add** the token to the *Credentials*., pasting the value from your clipboard.
5. Return to Pipelines, and open the Jenkins Server Integration again for editing. You should now see a **Callback URL** presented. Click **Copy webhook url to clipboard**.

Callback URL

1 <http://pipe-master.jfrog.info:8082/pipelines/api/v1/hooks/678/hook>

Copy webhook url to clipboard

6. In the Jenkins Artifactory Plugin configuration, past this URL into the *Integration URL* field.

JFrog Pipelines server

Integration URL

Advanced...

Credentials

Credentials Add

Test Connection

Report job results to JFrog Pipelines

Default Environment Variables

When you add this integration directly to a step, a set of environment variables is automatically made available.

Environment variable	Description
<code>int_<integration-name>_url</code>	HTTP endpoint of Jenkins
<code>int_<integration-name>_jenkinsUsername</code>	Jenkins username
<code>int_<integration-name>_jenkinsToken</code>	Jenkins API token