

## To Backup Created Packages and Test Them for Stock Management Application

Install Jfrog Artifactory in Lab

Use the SL lab machine to install and set up Jfrog Artifactory

Connect to the lab -> go to the terminal

Execute below commands:

=====

```
# sudo su -
```

```
# mkdir myartifactory
```

```
# cd myartifactory
```

```
# wget https://jfrog.bintray.com/artifactory/jfrog-artifactory-oss-6.9.6.zip
```

```
# unzip jfrog-artifactory-oss-6.9.6.zip
```

```
# cd jfrog-artifactory-oss-6.9.6
```

```
# cd bin
```

```
# ./artifactory.sh start
```

Go to your lab browser and give the URL

localhost:8081

You will be on the Jfrog Artifactory page

Login with below credentials:

Username: admin

Password: password

Create a local repository on Jfrog

Click on Admin → Click on local repo

Select maven and give

Repository Key : libs-release-local → click on save

Create a remote repository on Jfrog

Click on Admin → Click on remote repo

Select maven and give

Repository Key : libs-release-remote → save it

Demo 2: Integrating JFROG with Jenkins using artifactory jenkins plugin

Go to the laptop browser and access jenkins on : <http://localhost:8080/>

GO to Jenkins → Manage Jenkins → Manage Plugins

Click on Available plugins → search for artifactory → select the checkbox → click on Install

If the plugin is sactivated, click on the check box to restart jenkins

We will create 2 jobs for this scenario:

Job 1: to build the java code using maven and jenkins

We will use jenkins file to run the pipeline

Save and build the job

Create a new job to build and push the artifact on the Artifactory:

Save the job and build it



