**WriteUP**

Install Jfrog Artifactory in Lab

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

Connect to the lab -> go to the terminal

Execute below commands:

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# 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 Artifactoy page

Login with below credentials:

Username: admin

Password: password

Create a local repository on Jfrog

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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

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Click on Admin → Click on remote repo

Select maven and give

Repository Key : libs-release-remote → save it

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Integrating JFROG with Jenkins using artifactory jenkins plugin

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Go to the laptop browser and access jenkins on : [http://localhost:8080/](http://localhost:8000/)

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