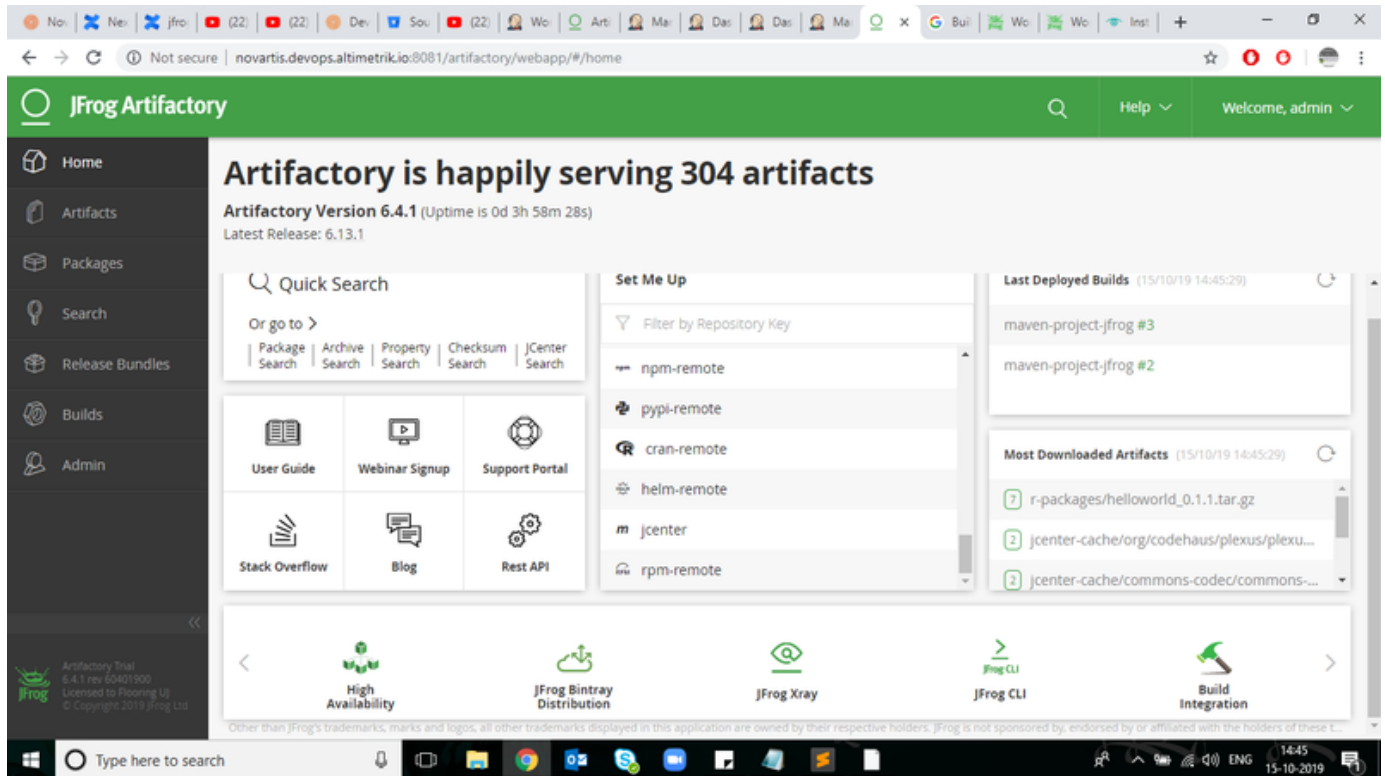


Jfrog Artifactory- Jenkins Integration:-

In this document; steps were mentioned for the basic jfrog configurations and maven project artifacts upload using Jenkins builds.

1. jfrog artifactory configurations-

1. Open the Novartis Nexus URL "<http://novartis.devops.altimetrik.io:8081/>"
2. Login with credentials and Dashboard will be loaded.
3. You can able to see the dashboard like below pics.



Novartis.devops.altimetrik.io:8081/artifactory/webapp/#/artifacts/browse/tree/General/cran

JFrog Artifactory

Artifact Repository Browser

Home | Artifacts | Packages | Search | Release Bundles | Builds | Admin

Tree Simple

- cran
- docker
- gradle-dev
- gradle-release
- helm
- libs-release
- libs-snapshot
- npm
- pypi
- rpm
- sbt-dev
- sbt-release
- cran-local
- docker-local
- gradle-dev-local
- gradle-release-local

cran

General

Info

Name: cran
Package Type: CRAN
Repository Path: cran/
Repository Layout: simple-default

Included Repositories

- cran-local
- cran-remote

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Novartis.devops.altimetrik.io:8081/artifactory/webapp/#/builds/

JFrog Artifactory

Build Browser

Home | Artifacts | Packages | Search | Release Bundles | Builds | Admin

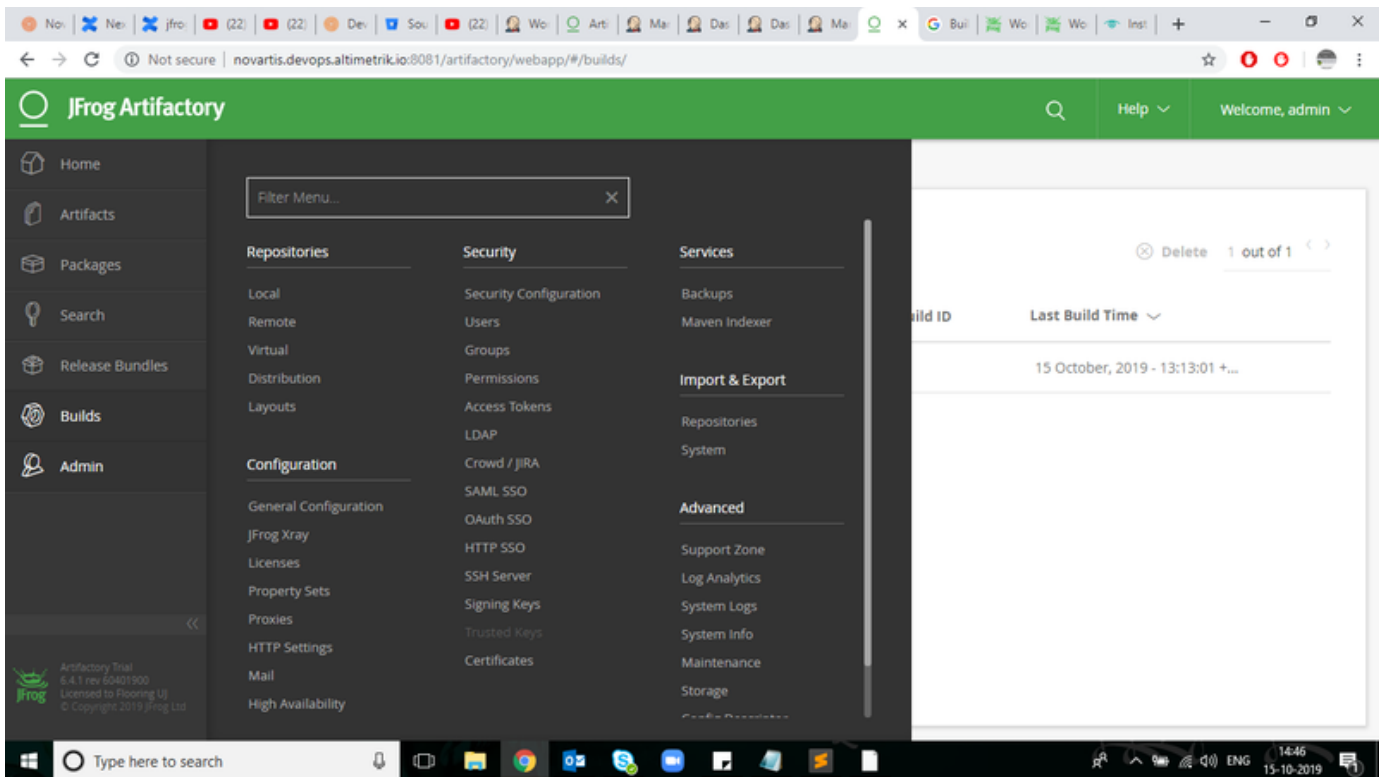
1 Item

Filter

Delete 1 out of 1

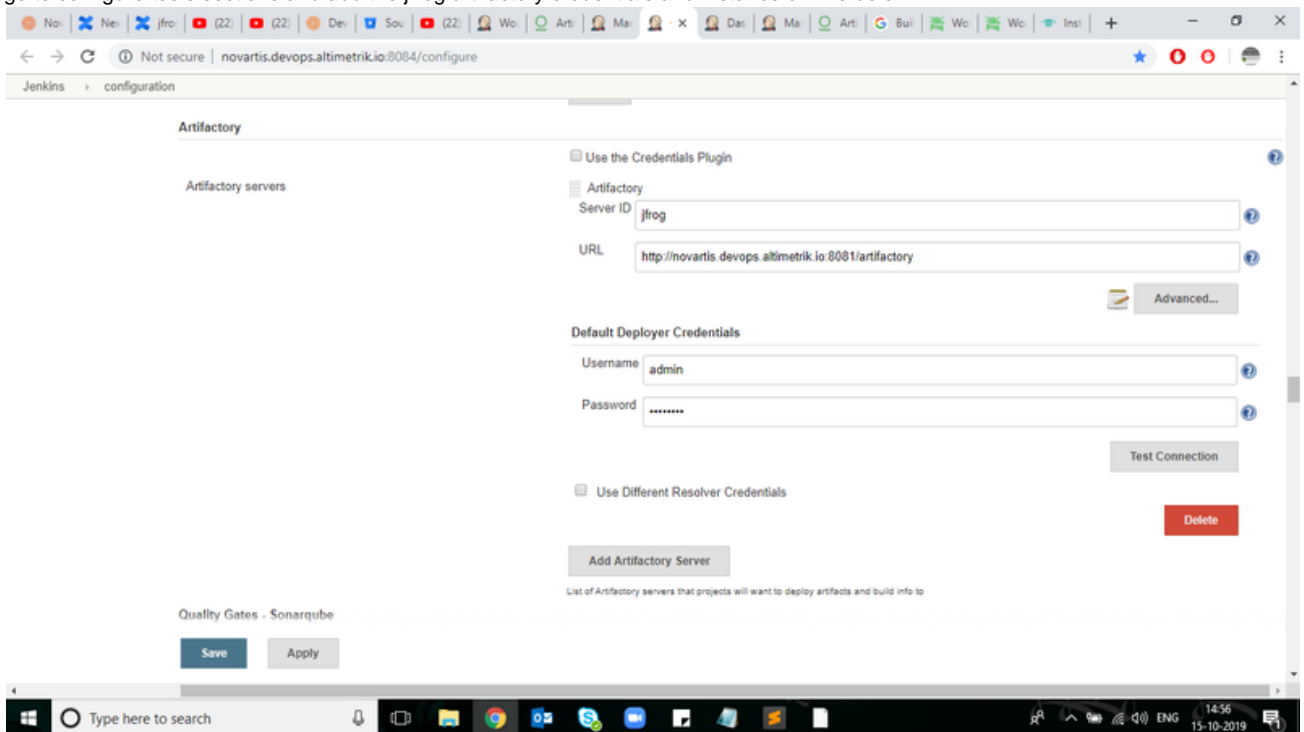
Build Name	Last Build ID	Last Build Time
maven-project-jfrog	3	15 October, 2019 - 13:13:01 +...

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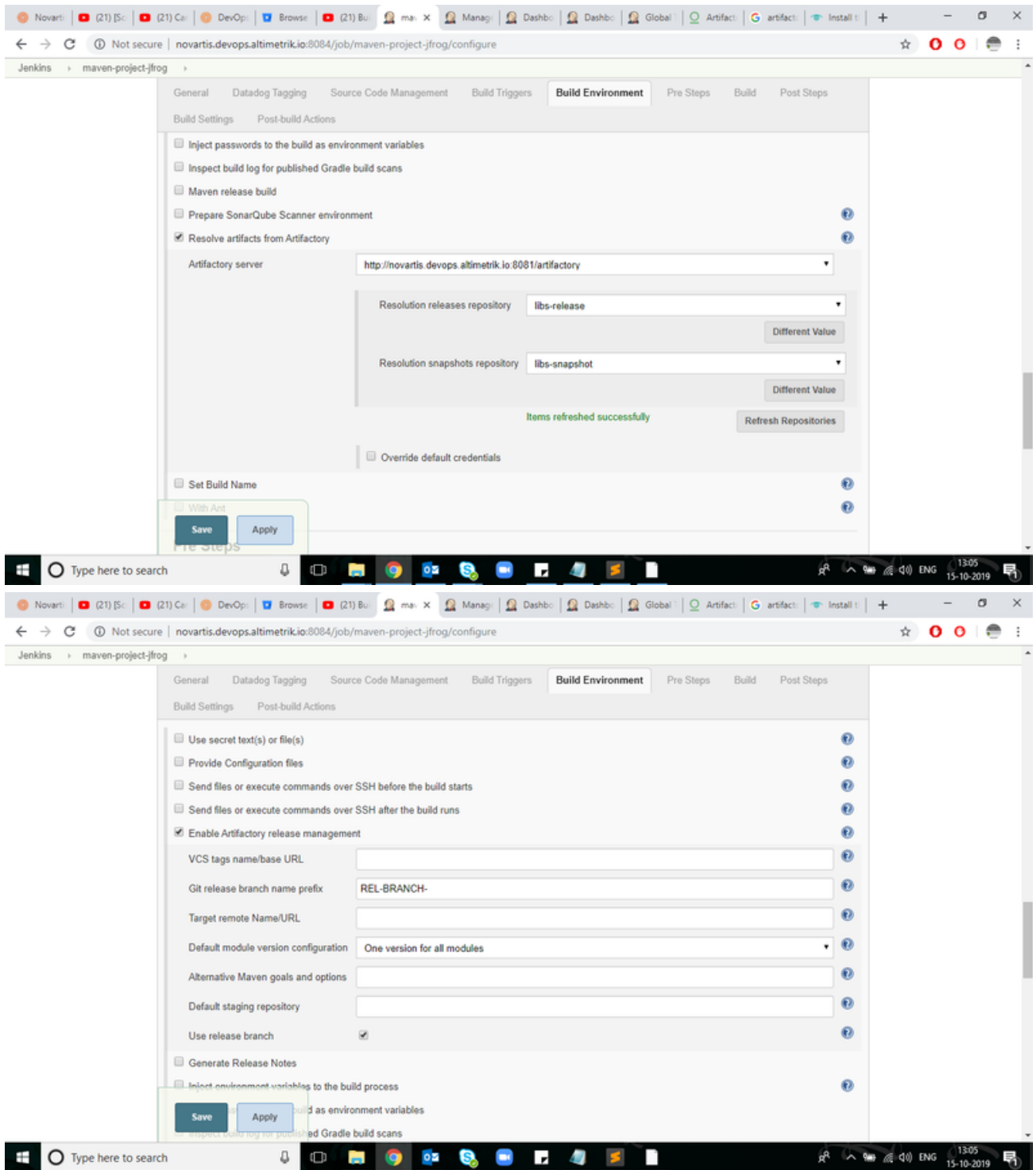


2. jenkins artifactory configurations-

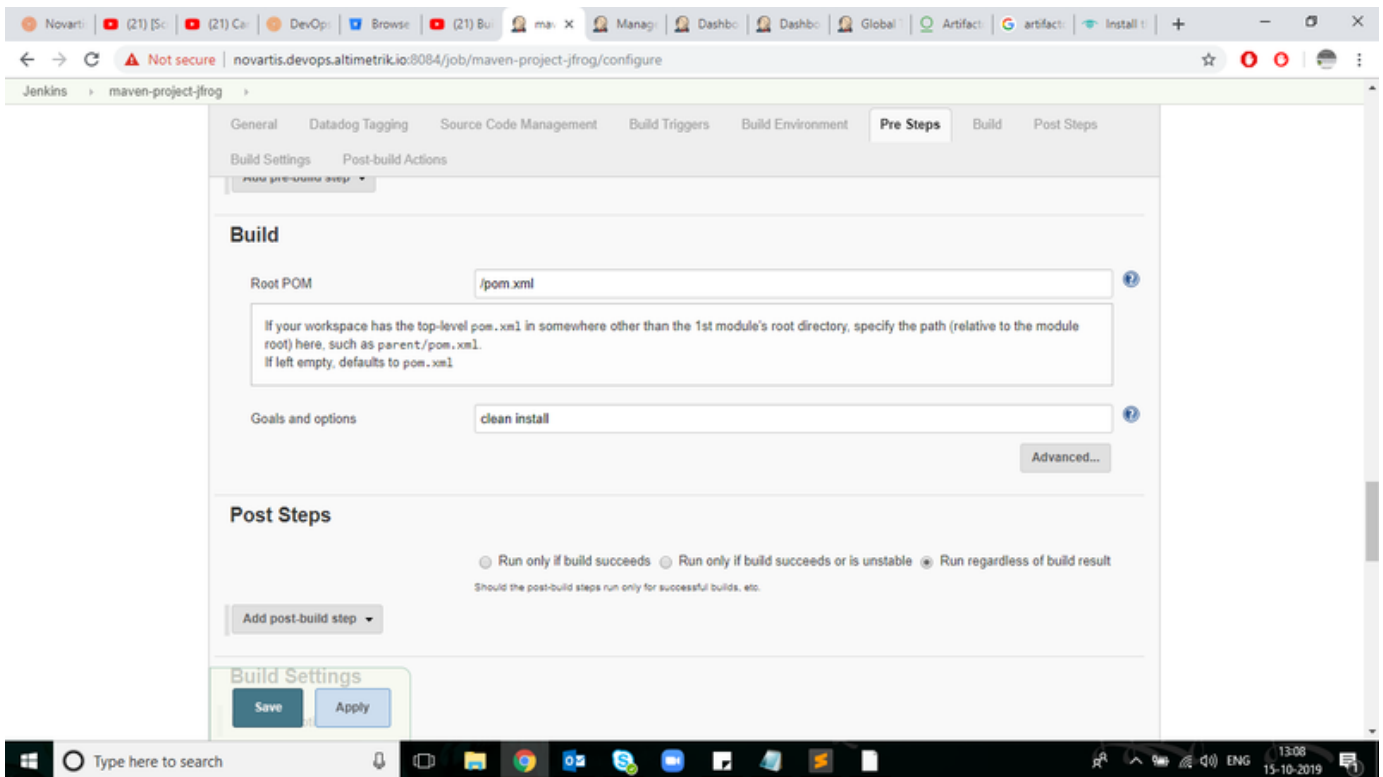
1. go to jenkins instances and login with credentials and try to create a maven based project.
2. go to manage sections manage plugins install artifactory.
3. go to configure tools sections and add the jfrog artifactory credentials and instance url like below.



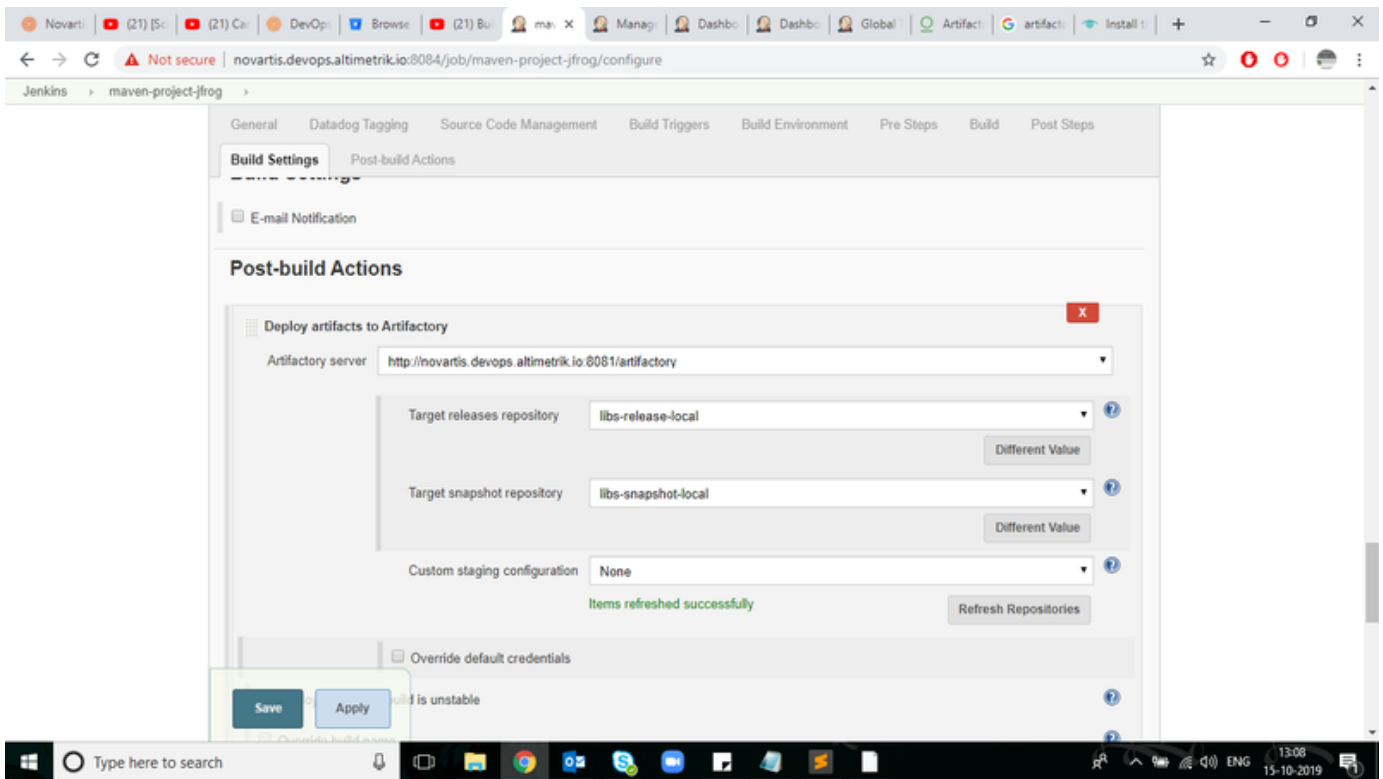
4. create a maven project and give the configurations as below source code, build environment, build steps as below,

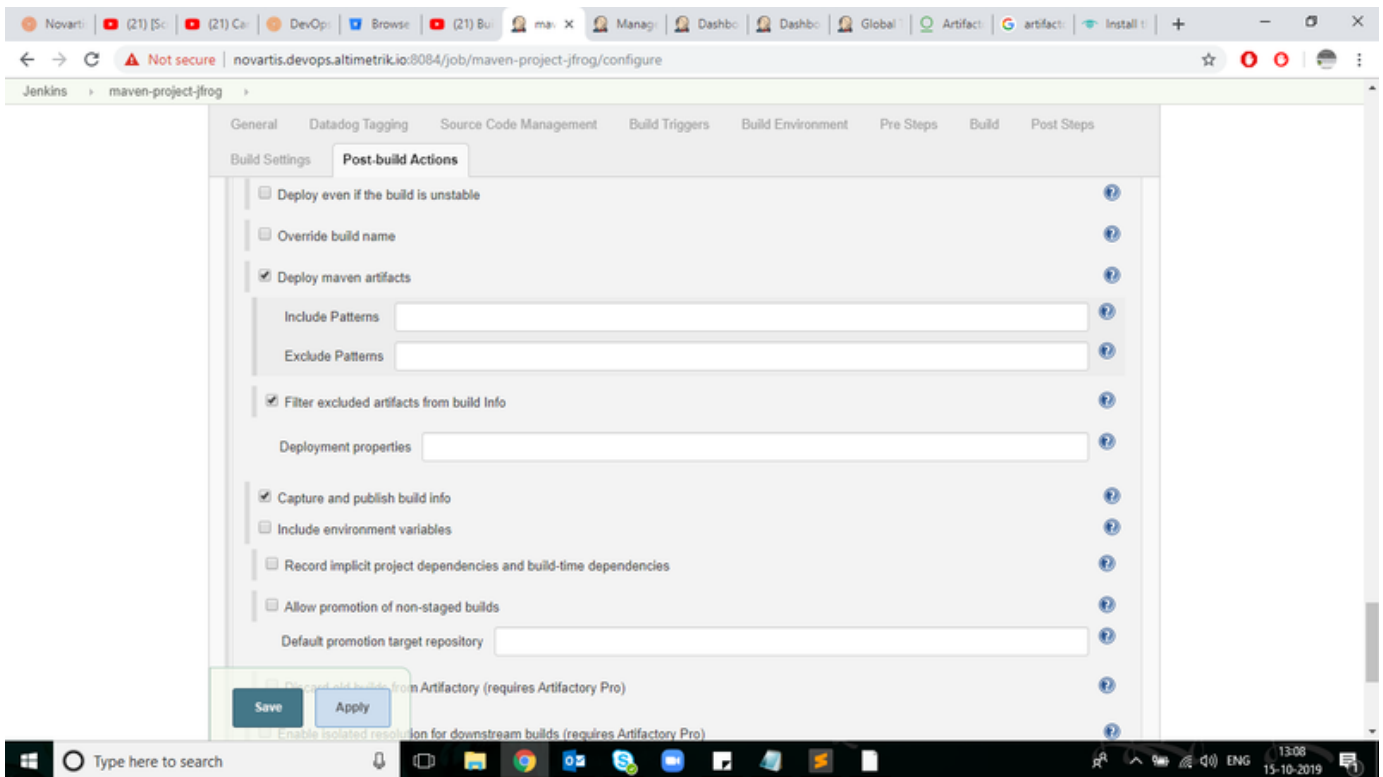


5. add the build step as below



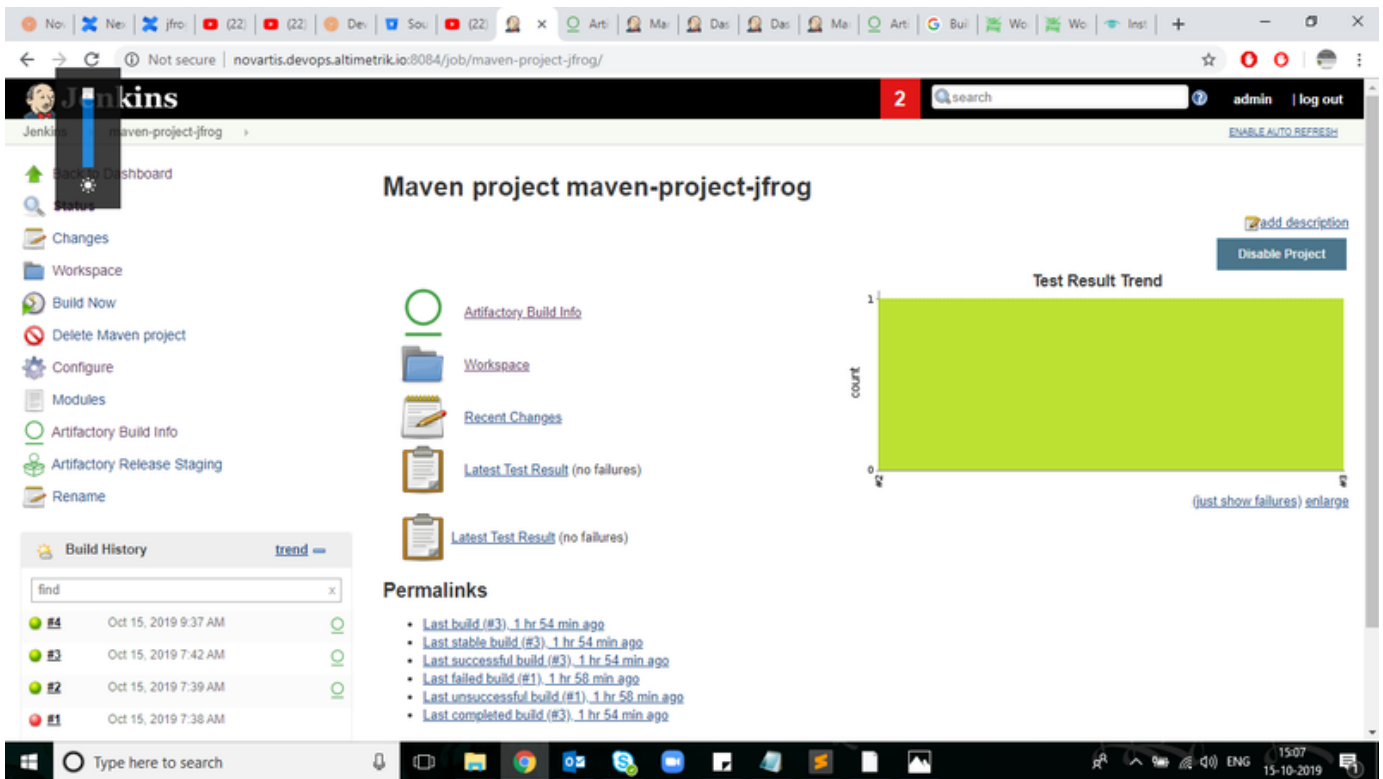
6.now the build is completed now try to publish the Jfrog artifactory in post-build actions section.





7. now try to build the maven project as below and you can observe the jar files in jfrog artifactory.

8. try to build again the maven project, then you can see the new build is deployed in Jfrog, see the below pics.



9. go to the Jfrog artifactory and see the artifacts in the build section.

Novartis DevOps | Jfrog Artifactory

Artifact Repository Browser

com/companyname/bank/consumerBanking

General Effective Permissions Properties

Info

Name: consumerBanking

Repository Path: libs-release-local/com/companyname/bank/consumerBanking/

Deployed By: admin

Artifact Count / Size: Show

Created: 15-10-19 07:40:40 +00:00 (0d 2h 0m 48s ago)

Virtual Repository Associations

- libs-release

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Novartis DevOps | Jfrog Artifactory

Build Browser

1 Item

Filter

Delete 1 out of 1

Build Name	Last Build ID	Last Build Time
maven-project-jfrog	3	15 October, 2019 - 13:13:01 +...

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Artifactory is happily serving 304 artifacts

Artifactory Version 6.4.1 (Uptime is 0d 3h 58m 28s)
Latest Release: 6.13.1

Quick Search

Or go to >

Package Search | Archive Search | Property Search | Checksum Search | JCenter Search

User Guide | Webinar Signup | Support Portal

Stack Overflow | Blog | Rest API

Set Me Up

Filter by Repository Key

npm-remote
pypi-remote
cran-remote
helm-remote
jcenter
rpm-remote

Last Deployed Builds (15/10/19 14:45:29)

maven-project-jfrog #3
maven-project-jfrog #2

Most Downloaded Artifacts (15/10/19 14:45:29)

r-packages/helloworld_0.1.1.tar.gz
jcenter-cache/org/codehaus/plexus/plexu...
jcenter-cache/commons-codec/commons-...

High Availability | JFrog Bintray Distribution | JFrog Xray | JFrog CLI | Build Integration

10. go to build sections and you can able to see your build artifacts build maven we have builds.

Builds - maven-project-jfrog

< Back to all builds

Build ID	Agent	Build Agent	URL	Started	Duration	Principal	Artifactory
4	Jenkins/2.17...	Maven/3.6.2	http://novar...	15 October, ...	7.3 seconds	admin	Principal
3							admin
2							

Published Modules

Environment

Issues

Licenses

1 Module

Filter by Module ID

1 out of 1

Module ID	Number Of Artifacts	Number Of Dependencies
com.companyname.bank:consumerBanking:1.0	2	2

11. you can check the build number and content here itself, now you can download the artifact where you require with version and details.

Novartis DevOps Altimetrik.io:8081/artifactory/webapp/#/builds/maven-project-jfrog/4/1571132244680/published%20com.companyname.bankco...

JFrog Artifactory

Welcome, admin

Builds - maven-project-jfrog

< Back to all builds

Build ID	Agent	Build Agent	URL	Started	Duration	Principal	Artifactory
4	Jenkins/2.17...	Maven/3.6.2	http://novar...	15 October, ...	7.3 seconds	admin	Principal admin
3							
2							

Artifact Name	Type	Repo Path
consumerBanking-1.0.jar	jar	libs-release-local/com/companyname/bank/consumerBank...
consumerBanking-1.0.pom	pom	libs-release-local/com/companyname/bank/consumerBank...

2 Dependencies

Filter by Dependency ID

1 out of 1

Dependency ID	Scope	Type	Repo Path
libs-release-local/com/companyname/bank/consumerBanking/1.0/consumerBanking-1.0.pom			

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Novartis DevOps Altimetrik.io:8081/artifactory/webapp/#/artifacts/browse/tree/General/libs-release-local/com/companyname/bank/consumerBanki...

JFrog Artifactory

Welcome, admin

Artifact Repository Browser

Tree Simple

- crane-local
- docker-local
- gradle-dev-local
- gradle-release-local
- helm-local
- libs-release-local
 - com/companyname/bank/consume
 - 1.0
 - consumerBanking-1.0.jar
 - consumerBanking-1.0.pom
 - maven-metadata.xml
 - libs-snapshot-local
 - npm-local
 - pypl-local
 - r-packages
 - rpm-local

consumerBanking-1.0.jar

Download Actions

General	Effective Permissions	Properties
Info		
Name:	consumerBanking-1.0.jar	
Repository Path:	libs-release-local/com/companyname/bank/consumerBanking/1.0/consume rBanking-1.0.jar	
Module ID:	com.companyname.bank:consumerBanking:1.0	
Deployed By:	admin	
Size:	2.79 KB	
Created:	15-10-19 07:40:40 +00:00	
Last Modified:	15-10-19 09:37:32 +00:00	
Licenses:	Not Found Add Scan Search Archive License File	
Downloads:	0	
Remote Downloads:	0	
<input type="checkbox"/> Filtered		

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thats all done !!

