Asignment 4:- Create a build to generate the .war file on jenkins master and deploy it on webserve jenkinsmaster different machine and webserver is different machine

Configuration on 1st machine which is jenkin master:-

1. Cd /mnt/build-app ----> maven
2. set environmental variables at /root/.bash\_profile
3. copy key file at /mnt and have permission 400

Jenkins Job1 for war Creation:-

Intall maven plugins at --->

Manage jenkins-->tools---> maven installation Name--> Maven

Maven\_Home----> /paste/path/here

Create job1--> name -- war-creation

1.use custom workspace

----> /mnt/maven-reository

2.git--> clone url

3.don’t click delete workspace before build

4.Add build step--> Invoke maven --->

Maven version--> Maven

Goals--> clean install

1. Build --->so can obtain path of the war file

Output----> war generated at /mnt/maven-repository/target/LoginWebApp.war

Configuration on 1st machine which is webserver:-

1.Install tomcat and start it

----> at /mnt/web-server

2.Give full permission to webapps folder where our .war will be deployed

Jenkins Job2 for war Deploy:-

1.name--->deploy-tomcat

2.custom-workspace--> /mnt/maven-repository ###same as above

3.don’t select delete workspace

4.Execute shell --

scp -i /mnt/ohio.pem /mnt/maven-repository/target/LoginWebApp.war ec2- user@privateip:/mnt/web-server/apache-tomcat-9.0.82/webapps

Now go to Job-1st and configure post build action

-----> build other projects

------->deploy-tomcat





