Prerequisite : Jenkins.war, java 8, mobaxtrem client app, aws, Tomcat server setup by ec2, git hub

Setting up a Maven Project

1.   Open Jenkins and create new item with maven option select ok

2.   From your github repo copy the https url and paste it in Jenkins job created by selecting git

3.   Under build you will be directed with pom.xml and provide clean install package

4.   Go to build now and console wil be success

5.   Now open your AWS and copy the setup servers public IP to mobaxterm client

6.   Remote hoste: Public IP (AWS) ans username :ec2-user

Advanced settings: select the key generated

7.   After the ec2 instance is enabled at your terminal, switch to root ($ sudo su -)

$ cd /opt

$ cd apache folder

$ls

$cd bin

$./startup.sh

8.   Access the browser with IP publicip:8080 -   this leads to tomcat server page . Note: only if you have configured the server

9.   You can change the port number of tomcat server to 8090 by selecting

$cd conf

$vi server.xml -> here change the 8080 number to 8090

10.   Got to Jenkins and your project configuration , in post steps no war file will be found to enable it got to step 11

11.   Now go back to your jenkins and install deploy to container plugin

12.   Got to manage Jenkins and mange credentials, now add credentials , credentials can be

found at client, Type the command as

$ cat tomcatusers.xml

13.   Now in Jenkins credentials add the contents both password and username as deployer and description as tomcat_credentials even id is same as description

14.   Got to step 10 and repeat the procedure to find war content

15.   Now war is found and click on it and input the following

16.   In add container select tomcat 8

And save the content

17.   Now go to client app and type in this

$ cd webpp (under apache directory)

$ ls

$ls −ltr