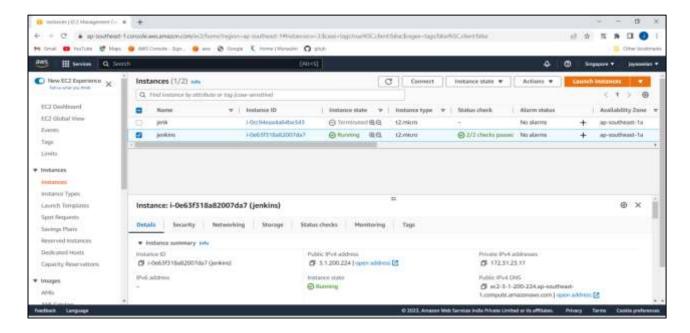
Jenkins

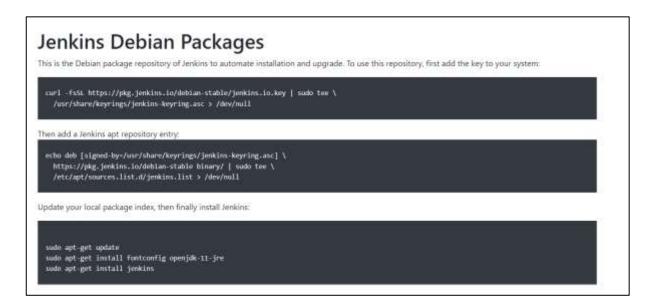
Application deployment using tomcat

Step1:Create Ec2 Ubuntu Server

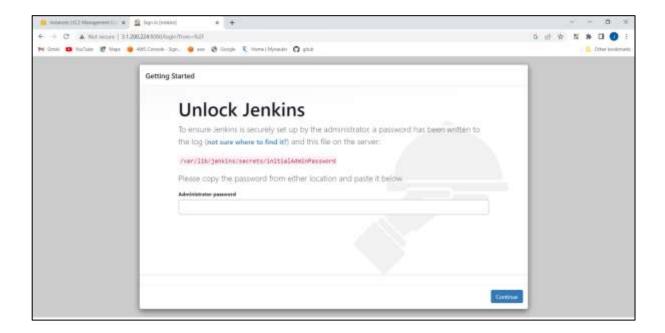
Security group(all tcp) ---->storage (30gb)



Step2:login server and install java and Jenkins using this commands



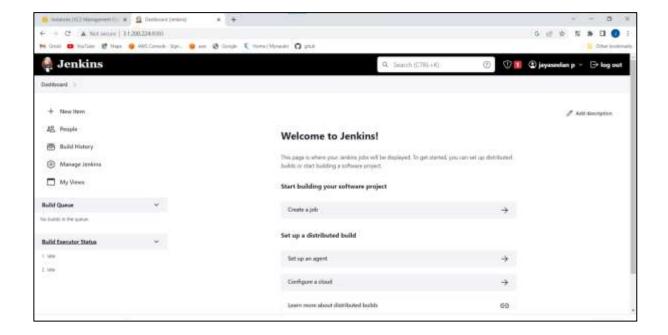
After java and Jenkins install ---->copy public id:8080 put chrome--->open Jenkins home page



Now password put --->#sudo cat

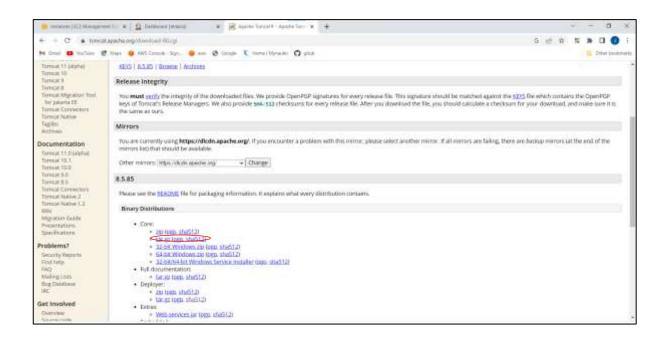
/var/lib/jenkins/secrets/initialAdminPassword

Put Ubuntu it will shown password then copy and paste.



Step3:Tomcat Download

 Google --->apache tomcat search --->download --->click tomcat8----> tar.gz (pgp, sha512)--->copy this file and put Ubuntu using wget



#Wget https://dlcdn.apache.org/tomcat/tomcat/tomcat-8/v8.5.85/bin/apache-tomcat-8.5.85.tar.gz

#ll --->shown apache-tomcat-8.5.85.tar.gz #tar xvzf apache-tomcat-8.5.85.tar.gz

#ll --->shown apache-tomcat-8.5.85/

#rm -rv apache-tomcat-8.5.85.tar.gz

#cd apache-tomcat-8.5.85/

```
apache-tomcat-0.5.85/webapps/manager/index.jop
apache-tomcat-0.5.16/webapps/manager/index.jop
apache-tomcat-0.5.16/weba
```

Step4:Change The Port Number For 8080 To 9090 For Using Tomcat

#cd apache-tomcat-8.5.85/

#cd conf/ --->server.xml

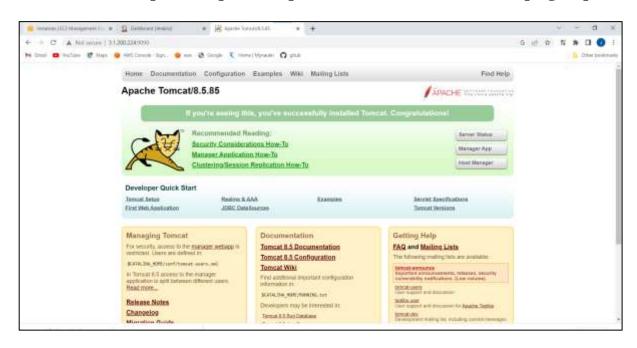
#vi server.xml ---->edit



#cd bin/

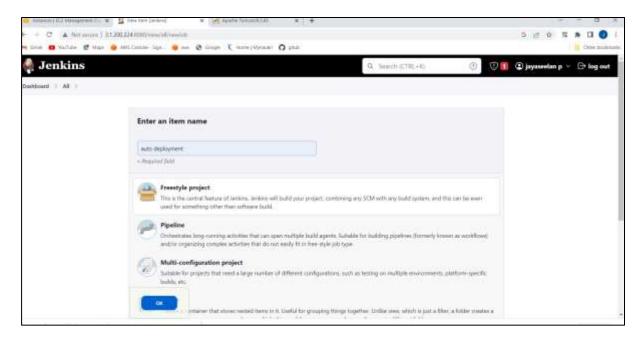
#./ startup.sh* ---->tomcat start

Now server public ip:9090 put chrome tomcat home page open

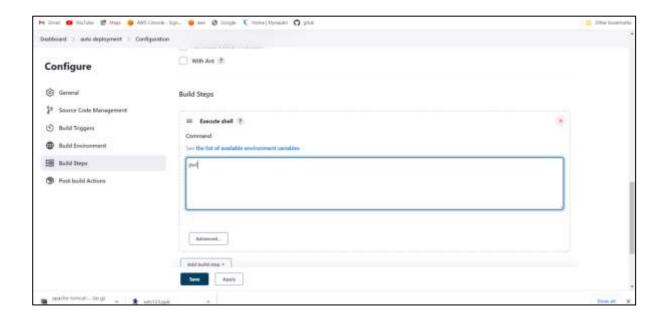


Step5:Create Job In Jenkins

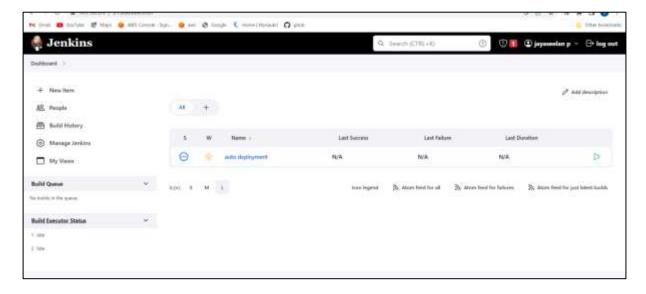
Jenkins--->new item --->name(auto deployment)---->select freestyle project --->ok



Build steps --->add built shell --->click execute shell --->(pwd) ---->save

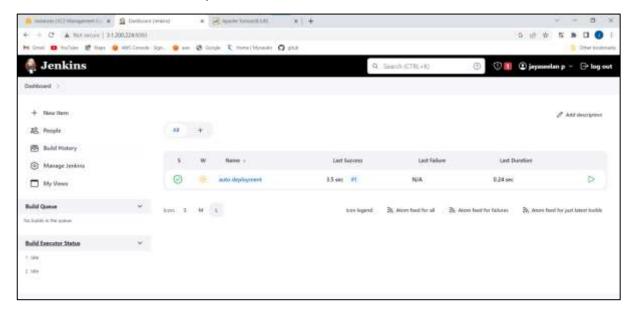


Auto deployment job created..



Now go Jenkins job save directory

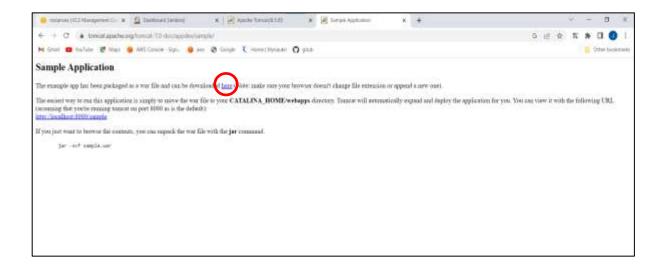
#cd /var/lib/Jenkins ---->it will shown workspace(first can't show) thn Jenkins home page go then play the job one time then come Ubuntu server then show workspace)



#cd workspace --->shown job name('auto deployment')

#cd 'auto deployment'/

Now download tomcat sample.war file(google --->tomcat sample war file--->click first line --->copy click word and put Ubuntu using (sudo wget https://tomcat.apache.org/tomcat-7.0-doc/appdev/sample/sample.war)

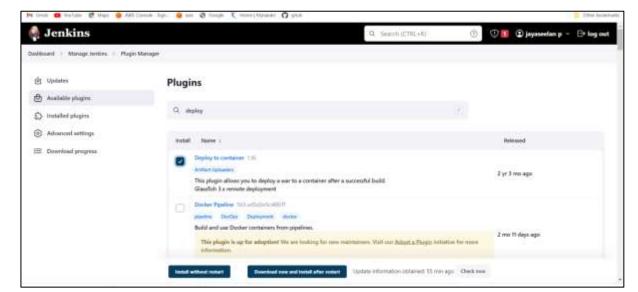


```
invariant 2 junion protein Note the to the contract of the con
```

#ll --->show sample.war ---->this sample tomcat war file

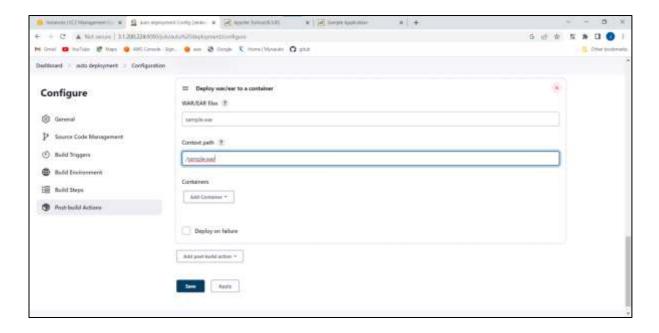
Step6: Add Pluggin

Jenkin home ---->manage jenkin--->manage pluggin --->available pluggin--->search(deploy to container)---->install without restart



Step7:Deploy The Job

Dashboard --->Auto deployment job click ---->configure --->built shell already one here that remove--->built steps --->add post-built actions---> Deploy war/ear to a container---> WAR/EAR files(sample.war)--->context path(/sample.war)



Now before add credential add rolename and manager #cd apache-tomcat-8.5.85/

#cd config/ | #vi tomcat-users.xml



```
The state of the s
```

```
Now tomcat restart

#cd apache-tomcat-8.5.85/

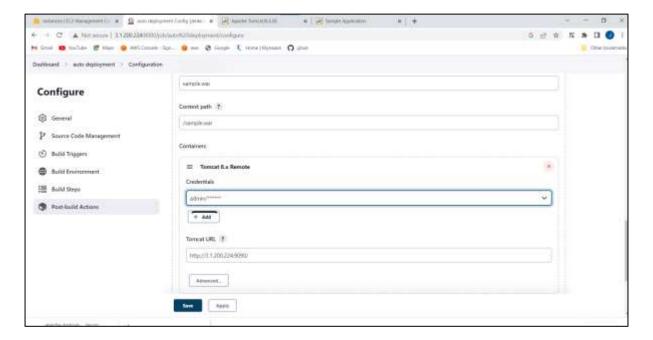
#cd bin/

#./shutdown.sh*

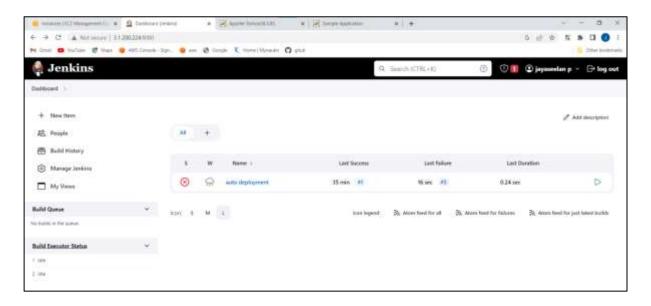
#./startup.sh*
```

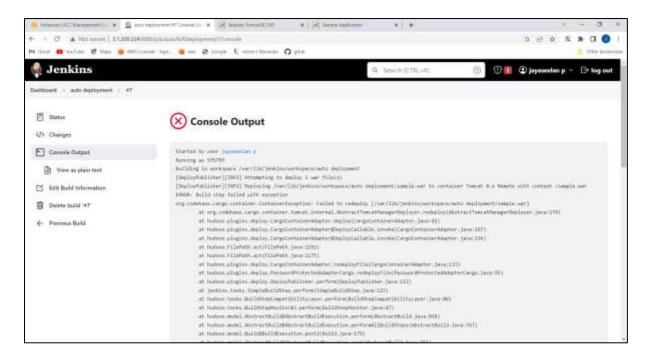
```
| Company | Comp
```

Now go Jenkins continue the job --->container ---->add container(select tomcat 8x)--->add --->Jenkins--->- credential(admin***) Select--->username(admin)--->- password(admin)--->add ---->tomcat url(http://3.1.200.224:9090/)---->save.



Now onetime play the job it will failed...





Step8:Error Clear

```
#cd apache-tomcat-8.5.85/
```

cd webapps/

#cd manager/

#cd META-INF/---->shown context.xml

#vi context.xml ---->edit To change and use this simple

(<!-- and -->)





Now tomcat restart

#cd apache-tomcat-8.5.85/

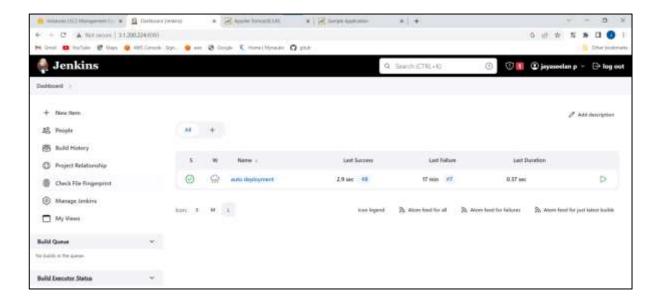
#cd bin/

#./shutdown.sh*

#./startup.sh*

```
| Section | Library March | 1980 | 180.00 | 2014 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00 | 180.00
```

Now go Jenkins dashboard job and play button click And its running



Now public ip:9090/sample.war ---->put chrome page it will shown sample.war file content

