Auto deployment by using jenkins integrating tool, first we want to create one Jenkins server and install java and Jenkins

1)install java and Jenkins on a server

2)go to the optinal directory and download apache web server follow by the command wget (copied link)

3)then tomcat default port num is 8080 and Jenkins default port number is 8080 so change port number anyone so now change tomcat portnumber 8080 to 9090

4)execute the command cd /conf directory and open the server.xml file then edit the port number in HTTP PORT =9090

5)once stop and start the tomcat application server by execute the command ./shutdown.sh and ./start.sh

6)then go the Jenkins page select manage Jenkins -> plugins ->search reaquired plugin then install the deploy to the container plugin without restart

7)create one empty job named as auto deployment then execute the job ,then the executed reflects create one folder in /var/lib/Jenkins/workspace/autodeployment

8)download the the war file inthis location wget (paste )

9)now the directory path is /var/lib/Jenkins/workspace/autodeployment/sample.war

10)now go to the autodeploymentjob ->configure post build actions ->WAR.TAR file container option

11)we want access to deploy into the tomcat application server so I give permission to deploy by edit the file vi /opt/apache.xx/conf/tomcat-users.xml

12) <role rolename="manager-gui"/>

<role rolename="manager-script"/>

<role rolename="manager-jmx"/>

<role rolename="manager-status"/>

<user username="admin" password="admin" roles="manager-gui,manager- script,manager-jmx,manager-status"/>

<user username="deployer" password="deployer" roles="manager-script"/>

13)save it

14)give the user neme as deplore and password deploy

WAR/EAR file - /var/lib/Jenkins/workspace/autodeployment/sample.war

Context path – sample/

Containers: tomcat 8

username: deployer

password: deployer

Tomcat URL: <http://3.110.117.155/:9090>

15)save it

16)then edit some words in cd /webapps/manager/META-INF/

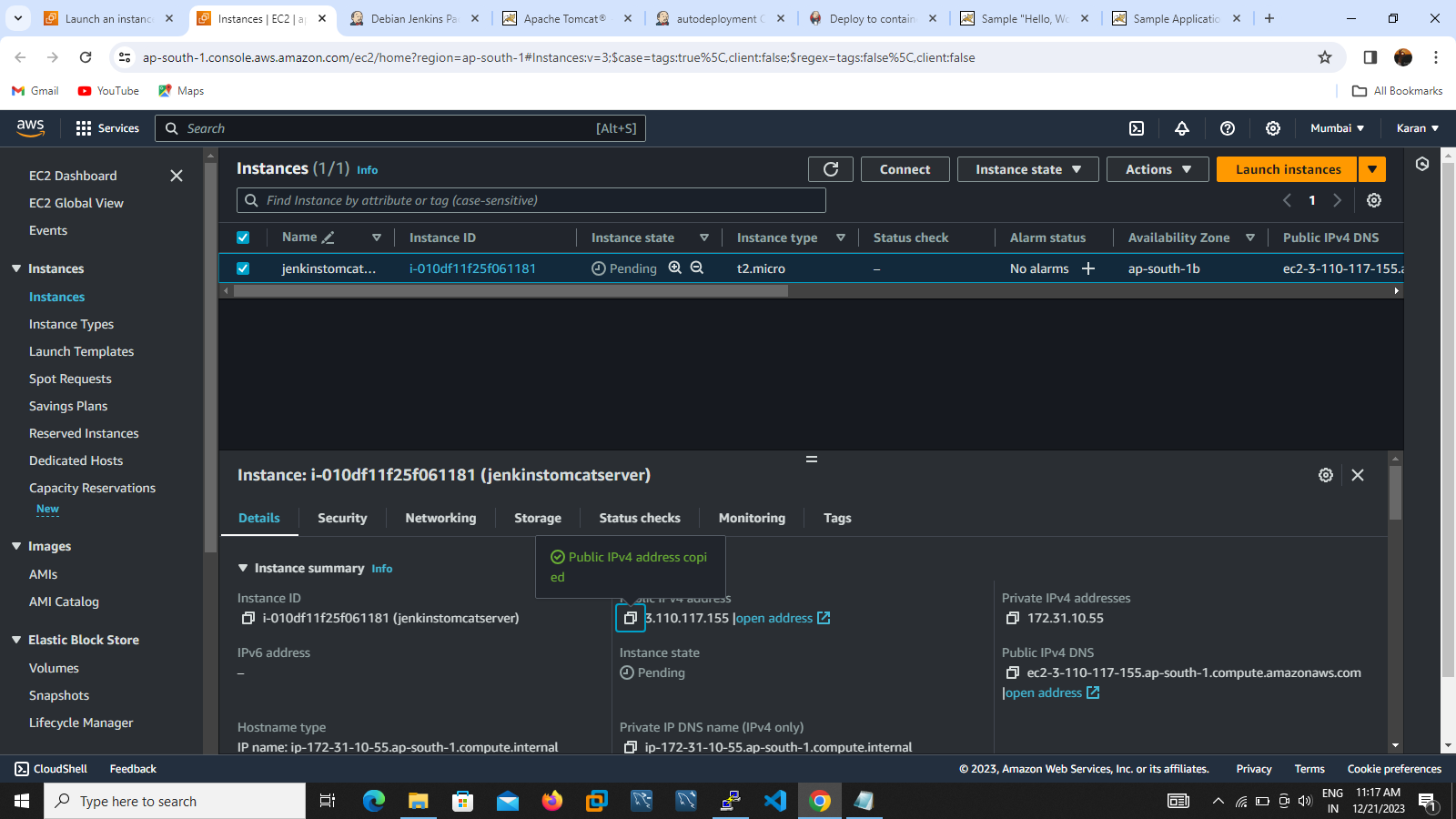
17)open the file vi context.xml

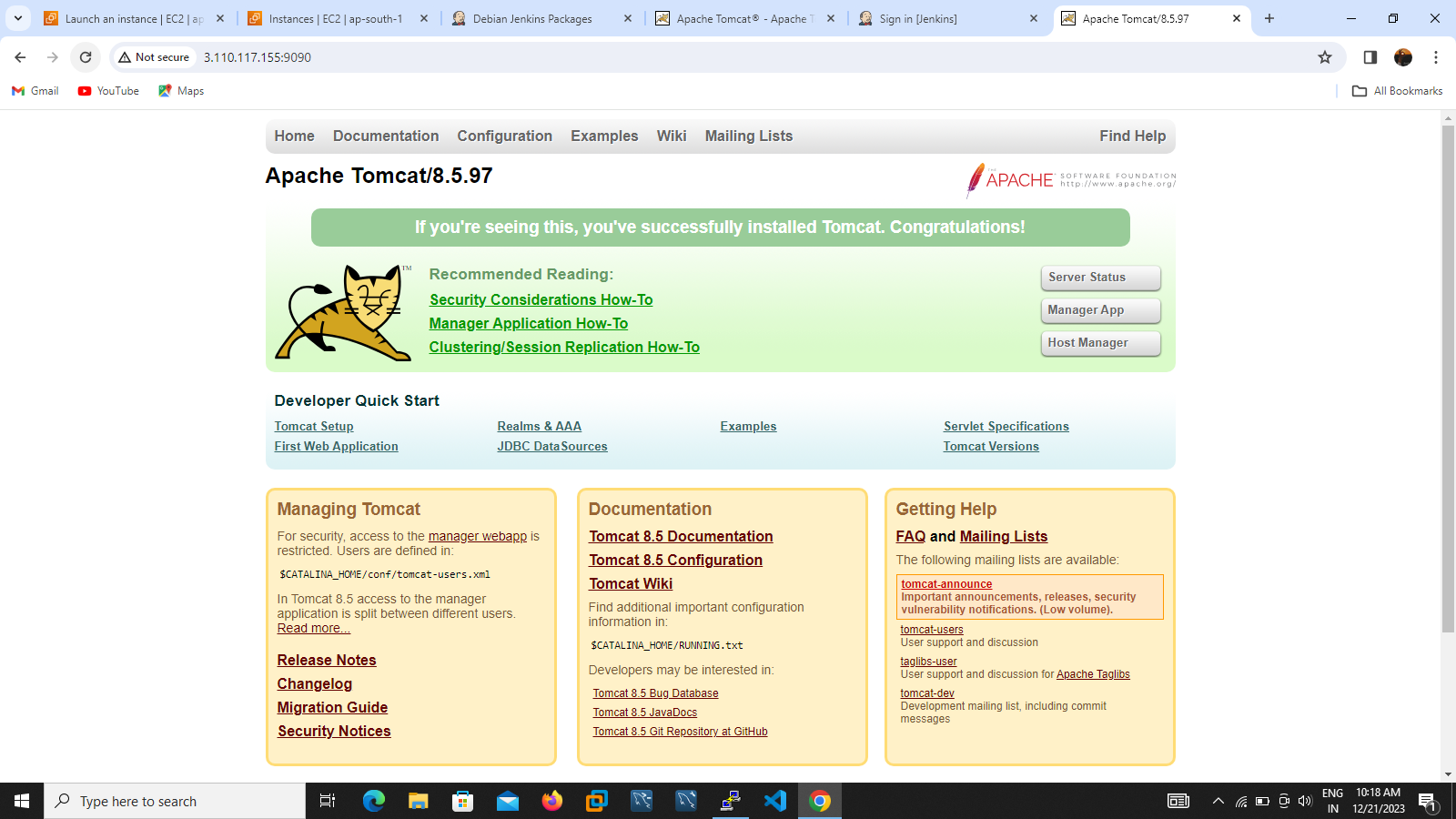
18)edit the file save it

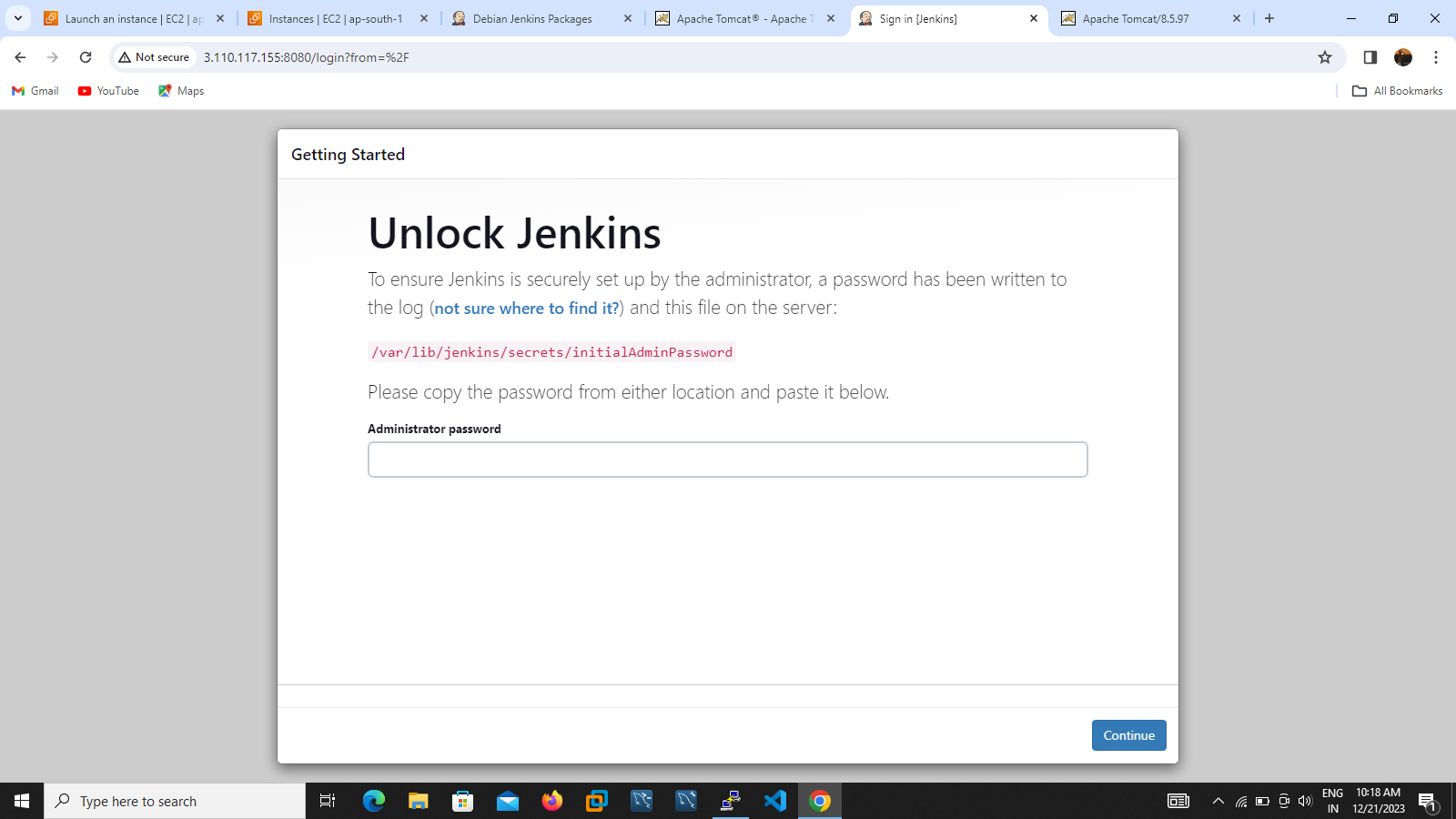
19)then go to build the job, Jenkins server automatically deployed in to server

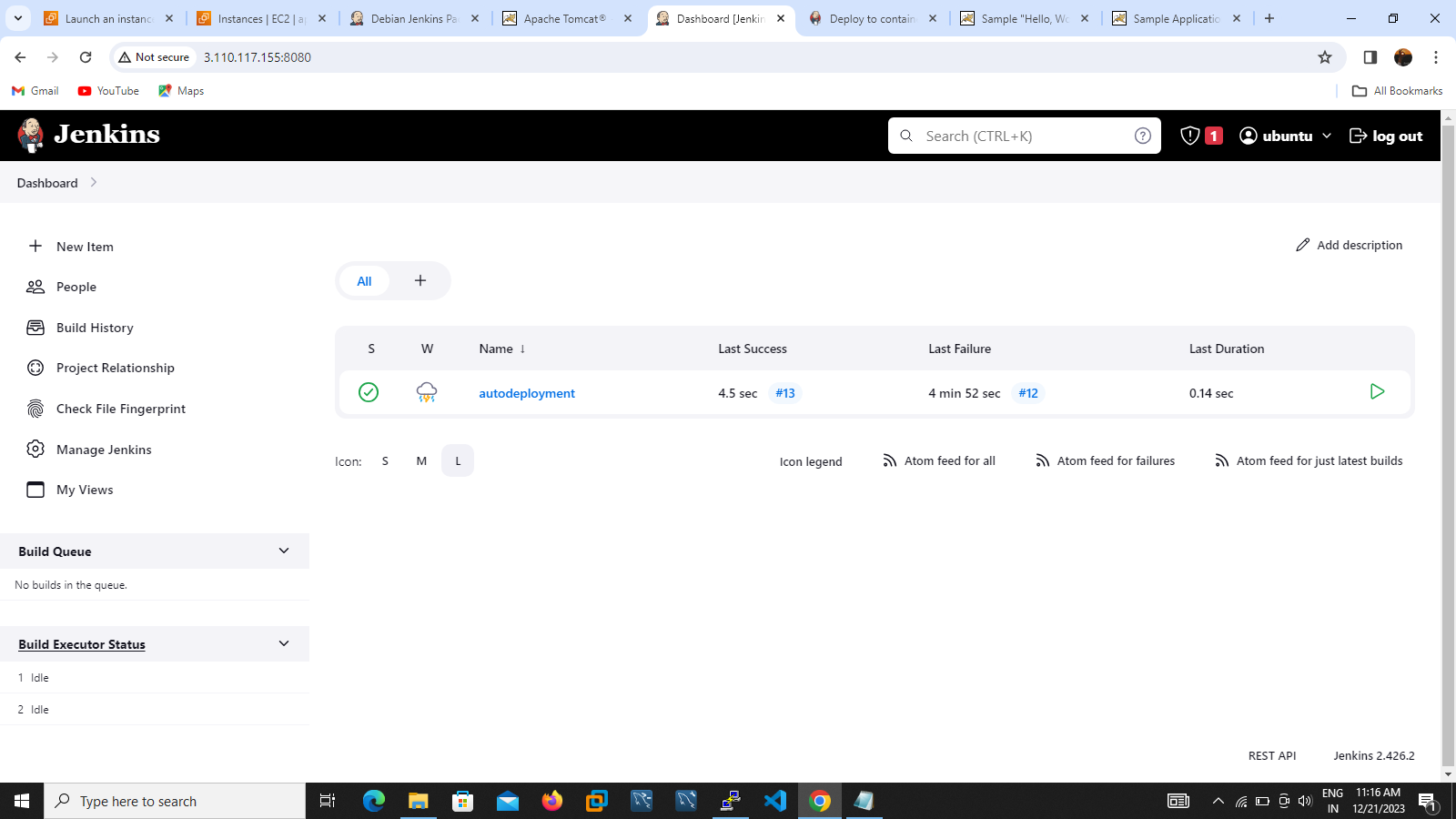
20)check with ip address : <http://3.110.117.155/:9090>

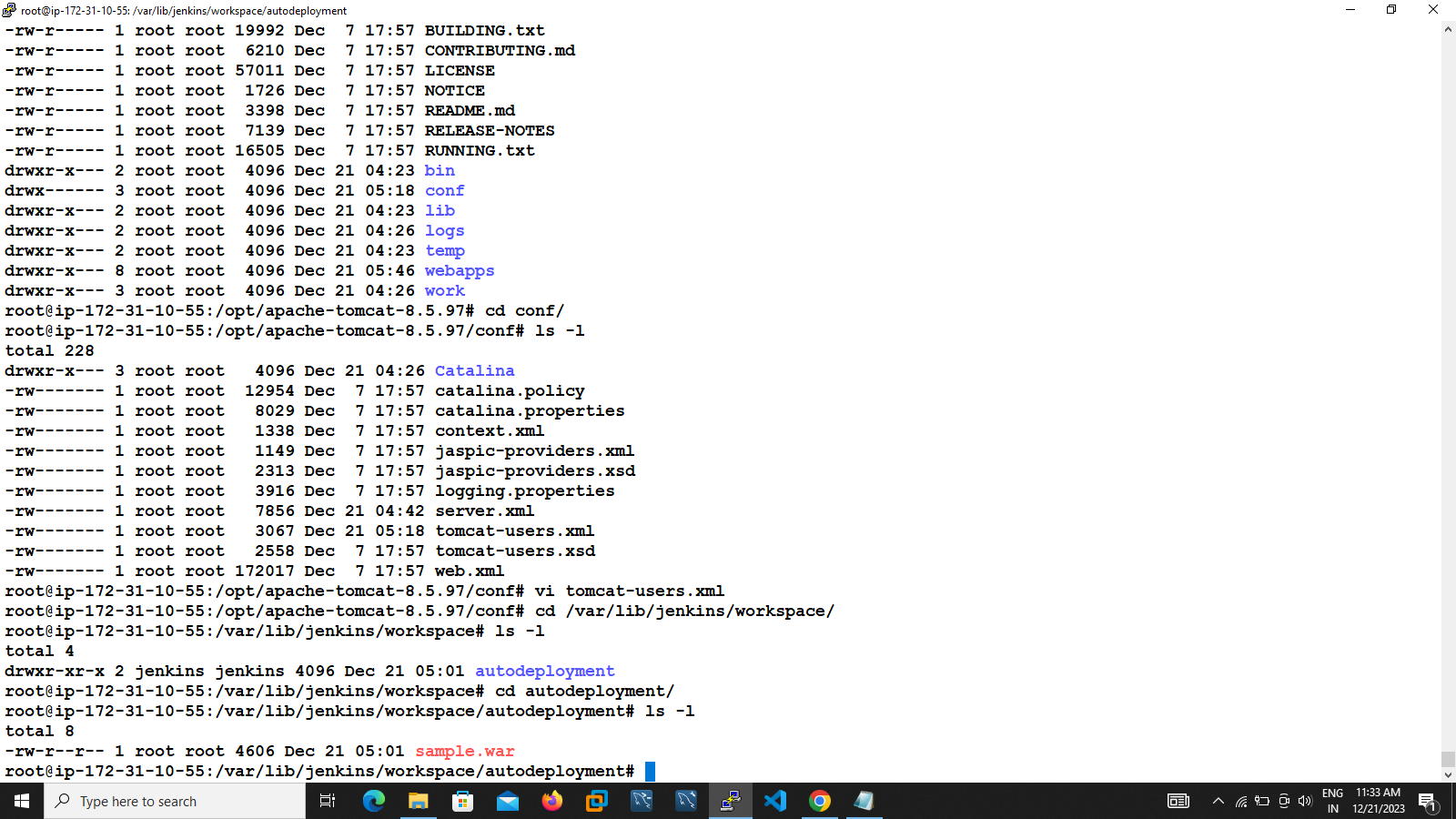
21)output also show here

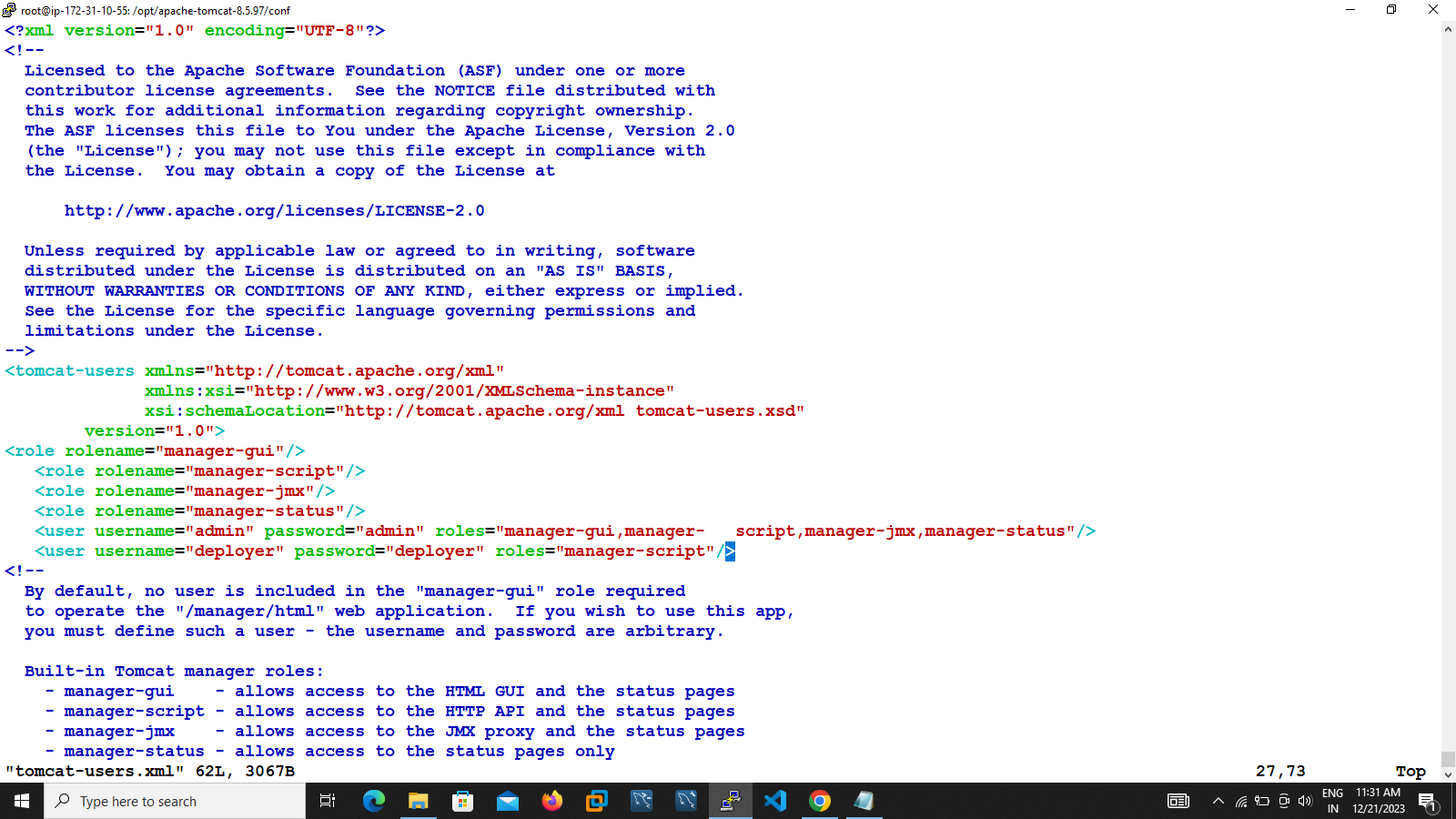


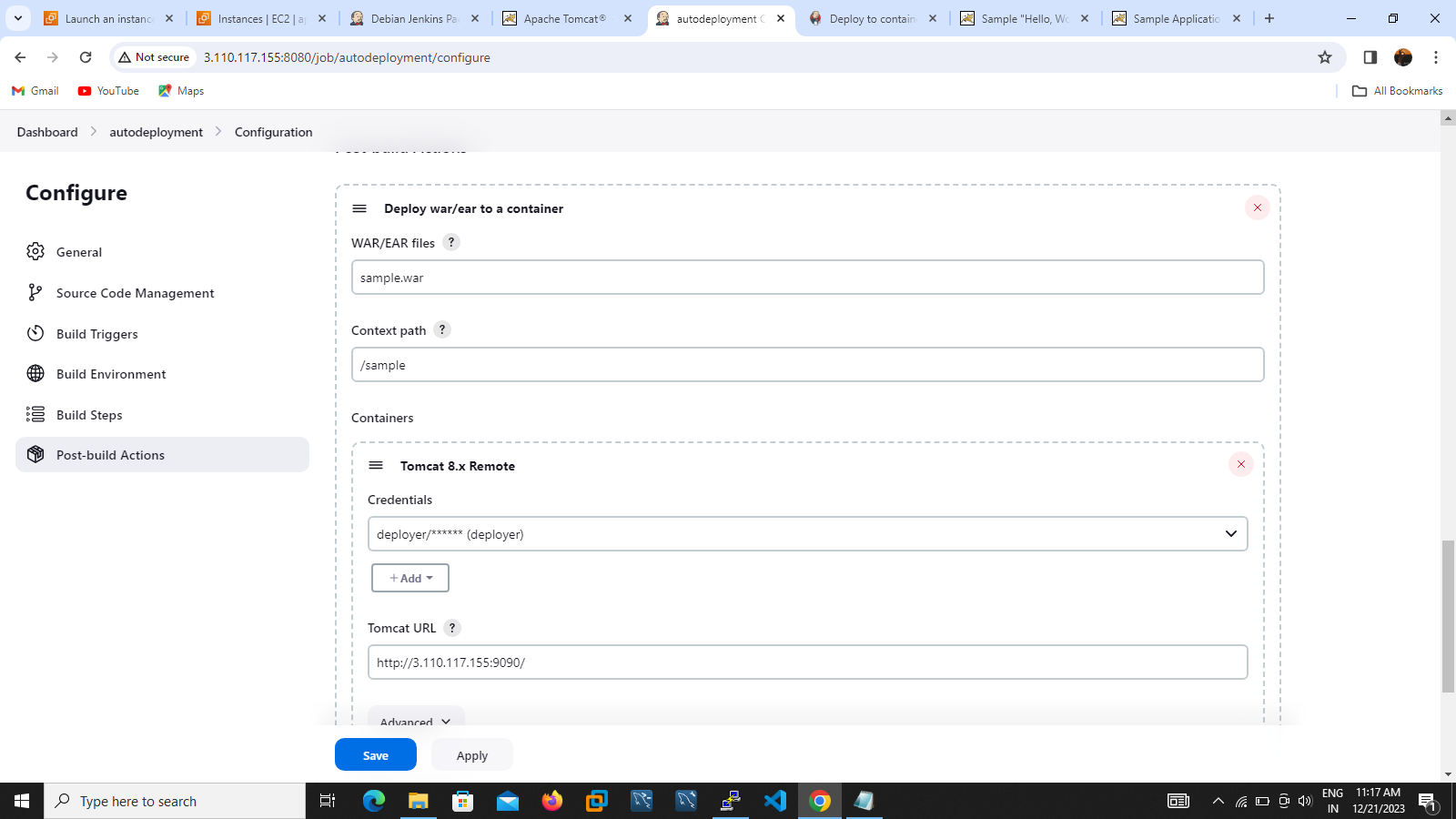


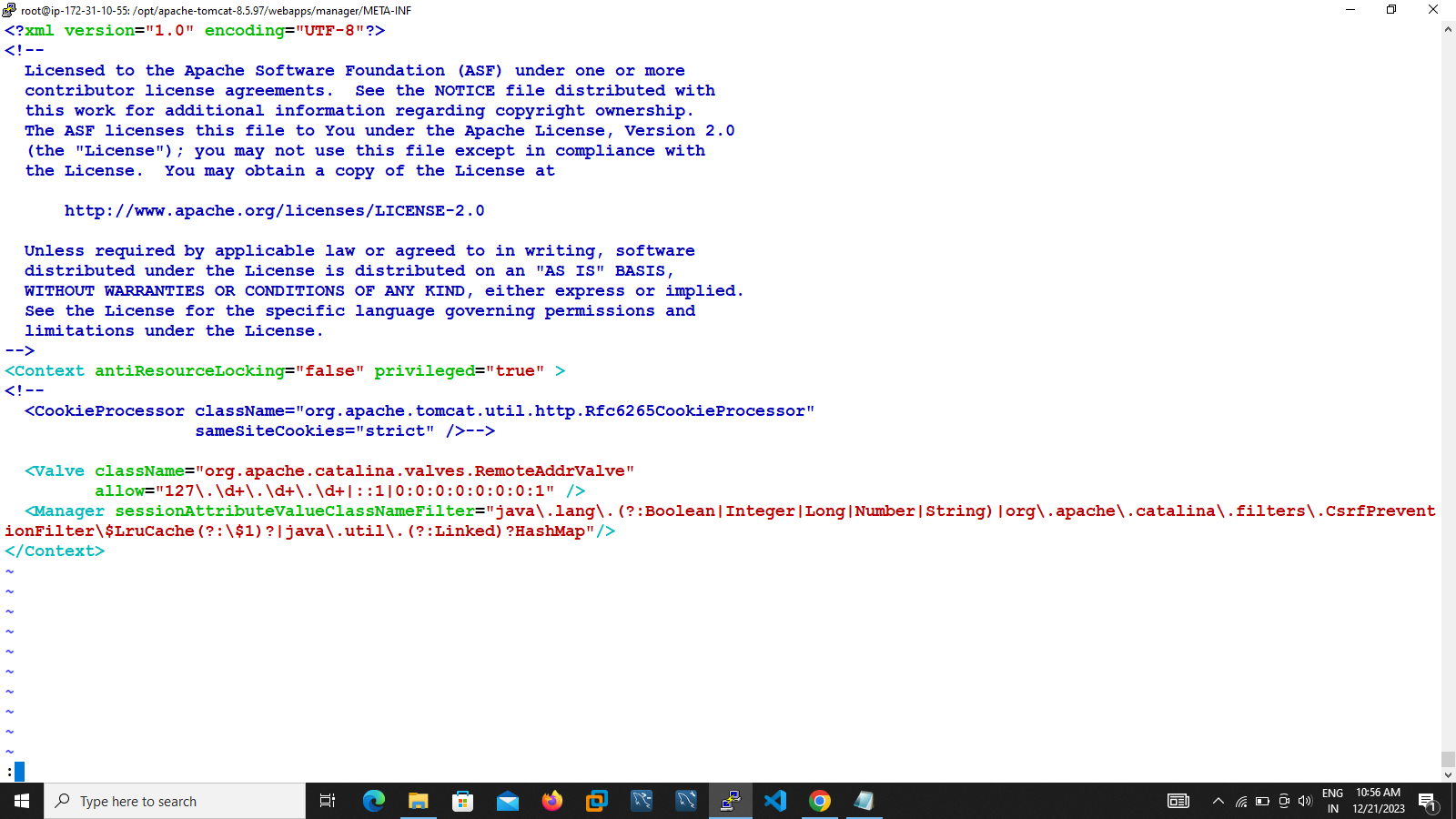


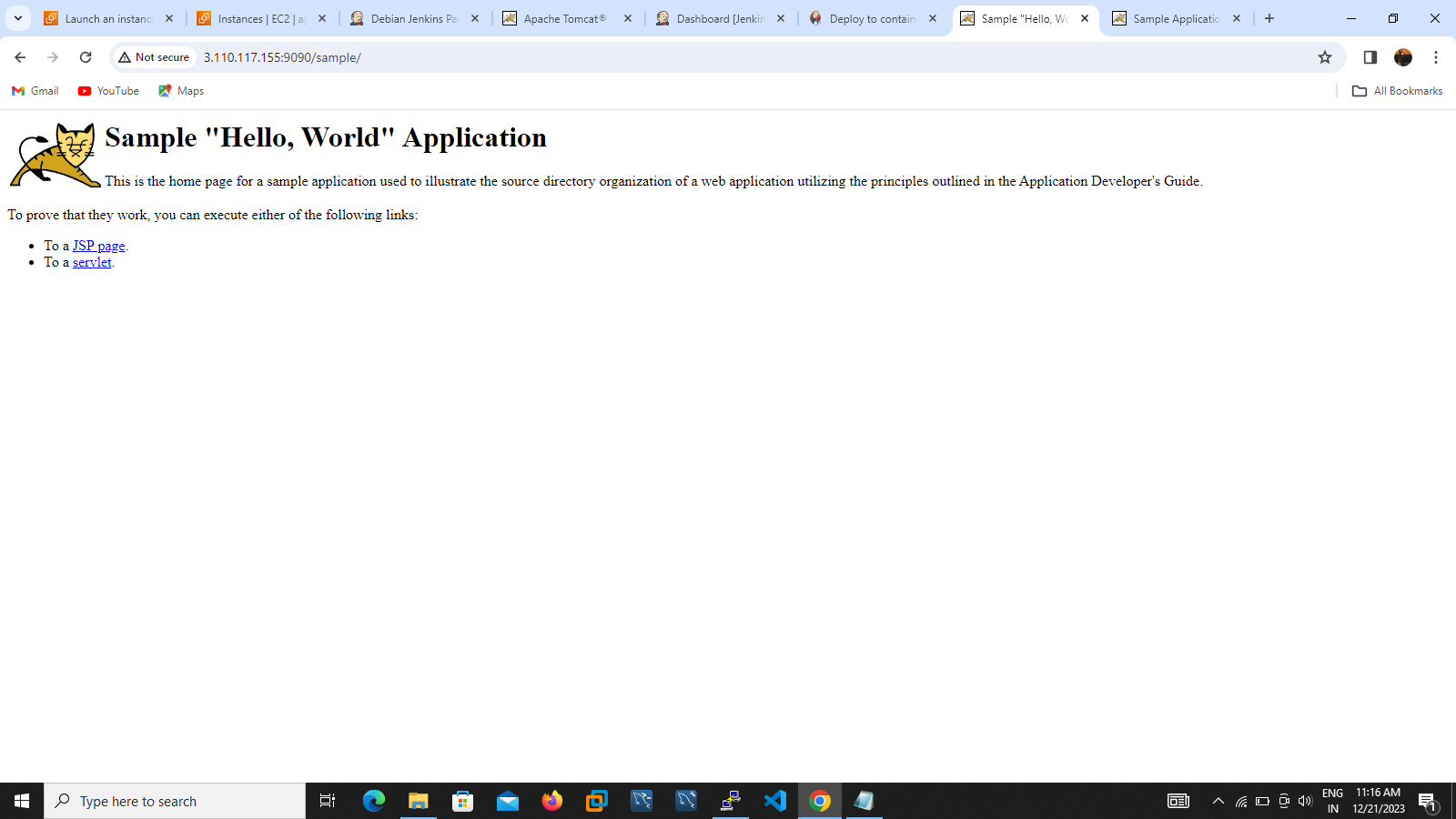












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