

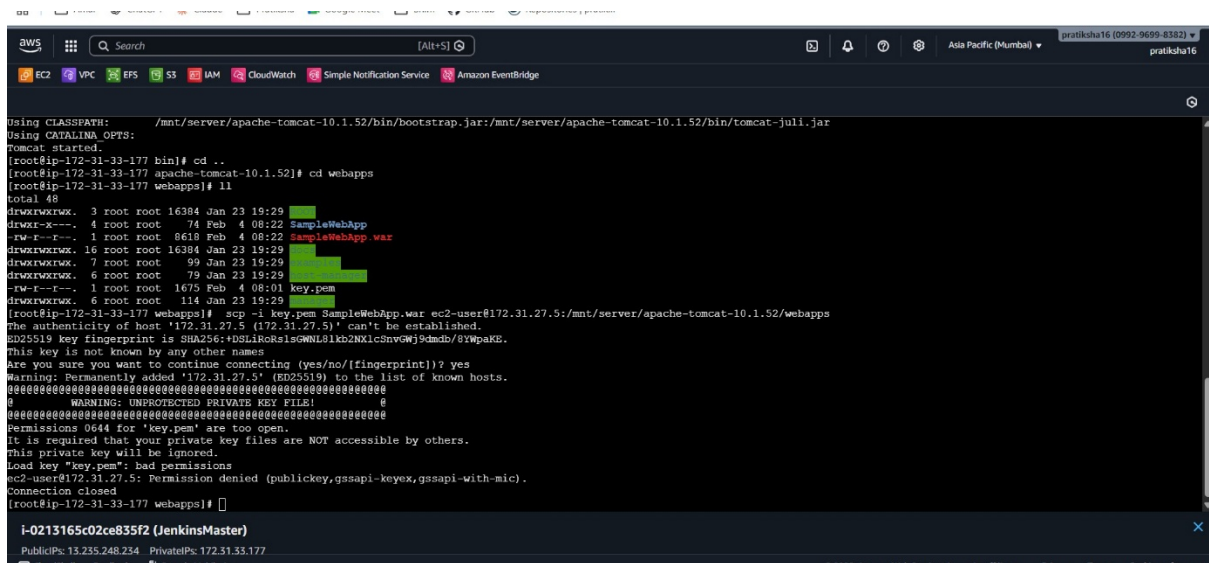
Jenkins Assignment 2

Q) There are two ec2 inst 1st name is JenkinsMaster which have war file, and 2nd name is NoSlave ec2 inst. So ,make job in JM and deploy war file from 1st inst JenkinsMaster to 2nd NoSlave ec2 inst.

Solution->

1)I install git ,tomcat on both ec2 instances.

Here error – 1 solved by giving permission 400 to key.pem file



```
Using CLASSPATH: /mnt/server/apache-tomcat-10.1.52/bin/bootstrap.jar:/mnt/server/apache-tomcat-10.1.52/bin/tomcat-juli.jar
Using CATALINA_OPTS:
tomcat started.
[root@ip-172-31-33-177 bin]# cd ..
[root@ip-172-31-33-177 apache-tomcat-10.1.52]# cd webapps
[root@ip-172-31-33-177 webapps]# ll
total 48
drwxrwxrwx. 3 root root 16384 Jan 23 19:29 .
drwxr-xr-x. 4 root root  74 Feb  4 08:22 SampleWebApp
-rw-r--r--. 1 root root 8618 Feb  4 08:22 SampleWebApp.war
drwxrwxrwx. 16 root root 16384 Jan 23 19:29 
drwxrwxrwx. 7 root root  99 Jan 23 19:29 
drwxrwxrwx. 6 root root  79 Jan 23 19:29 
-rw-r--r--. 1 root root 1679 Feb  4 08:01 key.pem
drwxrwxrwx. 6 root root 114 Jan 23 19:29 
[root@ip-172-31-33-177 webapps]# scp -i key.pem SampleWebApp.war ec2-user@172.31.27.5:/mnt/server/apache-tomcat-10.1.52/webapps
The authenticity of host '172.31.27.5 (172.31.27.5)' can't be established.
ED25519 key fingerprint is SHA256:+DdLiRksisGWNLS1kb2NX1c8uvGwJ9dado/8TWpaKE.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '172.31.27.5' (ED25519) to the list of known hosts.
#####
WARNING: UNPROTECTED PRIVATE KEY FILE!
#####
Permissions 0644 for 'key.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "key.pem": bad permissions
ec2-user@172.31.27.5: Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
Connection closed
[root@ip-172-31-33-177 webapps]#
```

i-0213165c02ce835f2 (JenkinsMaster)
PublicIPs: 13.235.248.234 PrivateIPs: 172.31.53.177

2)After create job from JM inst

The screenshot shows the Jenkins web interface for configuring a job named 'job1'. The left sidebar contains a 'Configure' menu with options: General, Source Code Management, Triggers, Environment, Build Steps (selected), and Post-build Actions. The main area is titled 'Configure' and shows the 'Build Steps' section. It includes a 'Build Steps' header with a description: 'Automate your build process with ordered tasks like code compilation, testing, and deployment.' Below this, there is a 'Build Step' configuration box for 'Execute shell'. The 'Command' field contains the following text:

```
cd /mnt/server/apache-tomcat-10.1.52/webapps/  
scp -i key.pem SampleWebApp.war ec2-user@172.31.27.5:/mnt/server/apache-tomcat-10.1.52/webapps
```

 At the bottom of the configuration box, there is an 'Advanced' dropdown menu. Below the configuration box, there are 'Save' and 'Apply' buttons.

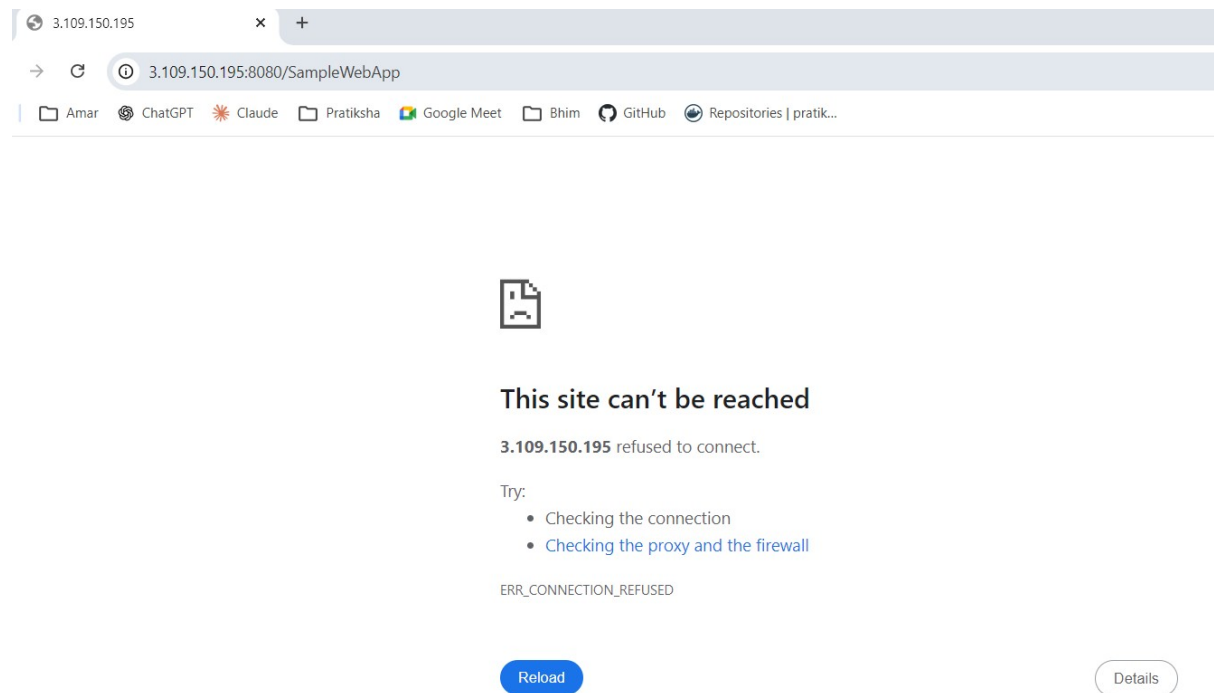
3) Success on console output4)

The screenshot shows the Jenkins web interface for the console output of job1. The left sidebar contains a 'Console' menu with options: Status, Changes, Console Output (selected), Edit Build Information, Delete build #5, Timings, and Previous Build. The main area is titled 'Console' and shows the output of the build. The output text is as follows:

```
Started by user Pratiksha T  
Running as SYSTEM  
Building in workspace /root/.jenkins/workspace/job1  
[WS-CLEANUP] Deleting project workspace...  
[WS-CLEANUP] Deferred wipeout is used...  
[WS-CLEANUP] Done  
[job1] $ /bin/sh -xe /mnt/server/apache-tomcat-10.1.52/temp/jenkins2047962251761047251.sh  
+ cd /mnt/server/apache-tomcat-10.1.52/webapps/  
+ scp -i key.pem SampleWebApp.war ec2-user@172.31.27.5:/mnt/server/apache-tomcat-10.1.52/webapps  
Finished: SUCCESS
```

 At the top right of the console output area, there are buttons for 'Download', 'Copy', and 'View as plain text'.

4) But on browser with public ip of No slave inst its not deployed



5) For solve this error I checked connect

 Amar
 ChatGPT
 Claude
 Pratiksha
 Google Meet
 Bhim
 GitHub
 Repositories | pratik...

```
aws | Q Search [Alt+S]
EC2 VPC EFS S3 IAM CloudWatch Simple Notification Service Amazon EventBridge

#_
~\#####
~~\#####\
~~\####|
~~\#/ https://aws.amazon.com/linux/amazon-linux-2023
~~V~'-'>
~~~
~~~-.-
~~~/m/'-

Last login: Wed Feb 4 09:54:34 2026 from 13.233.177.3
[ec2-user@ip-172-31-27-5 ~]$ sudo su -
Last login: Wed Feb 4 09:54:41 UTC 2026 on pts/1
[root@ip-172-31-27-5 ~]# curl http://localhost:8080/SampleWebApp
curl: (7) Failed to connect to localhost port 8080 after 0 ms: Could not connect to server
[root@ip-172-31-27-5 ~]#
```

6) Solved connection problem by start tomcat from Noslave i.e. @nd instance where we fetch war file from browser. Finally it done

