

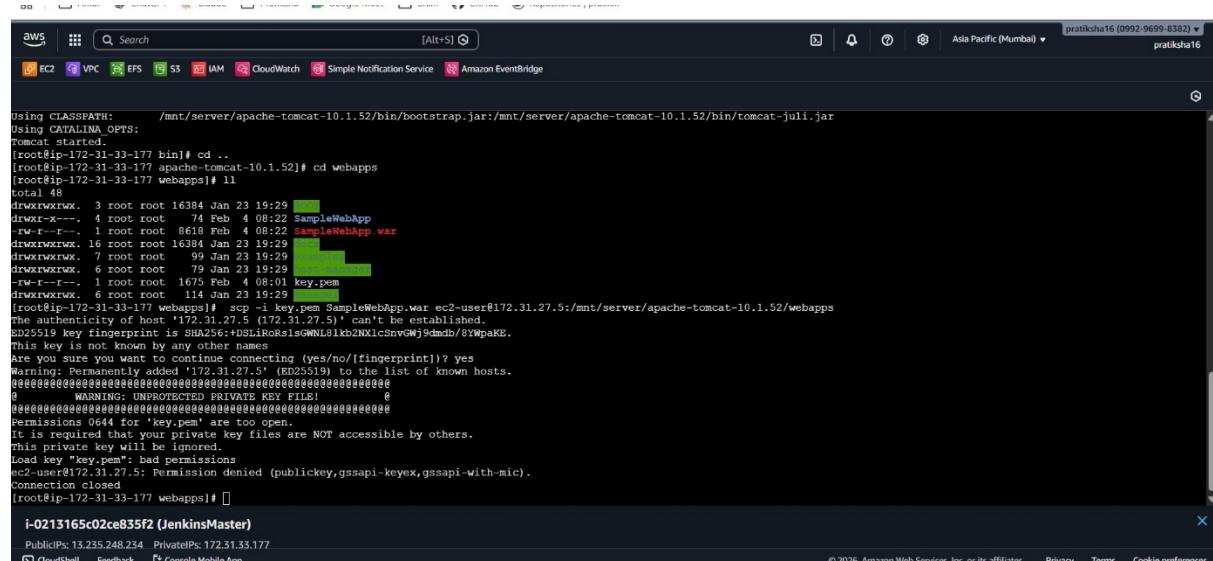
Jenkins Assignment 2

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



```
aws [Alt+S] pratiksha16 [0992-9699-9383] Asia Pacific (Mumbai) pratiksha16

aws EC2 VPC EFS S3 IAM CloudWatch Simple Notification Service Amazon EventBridge

Using GLASSFISH: /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.
[ec2-user@ip-172-31-33-177 bin]$ cd ..
[ec2-user@ip-172-31-33-177 apache-tomcat-10.1.52]$ cd webapps
[ec2-user@ip-172-31-33-177 webapps]$ ll
total 48
drwxrwxrwx. 3 root root 16384 Jan 23 19:29 SampleWebApp
drwxr-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. 9 root root 1675 Feb 4 08:01 key.pem
drwxrwxrwx. 6 root root 114 Jan 23 19:29
[ec2-user@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:+DSLiiRohslsgWNL81kb2NXLcSnvGWj9mnb/8YWPakE.
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 (pubkey,gssapi-keyex,gssapi-with-mic).
Connection closed
[ec2-user@ip-172-31-33-177 webapps]$ 
```

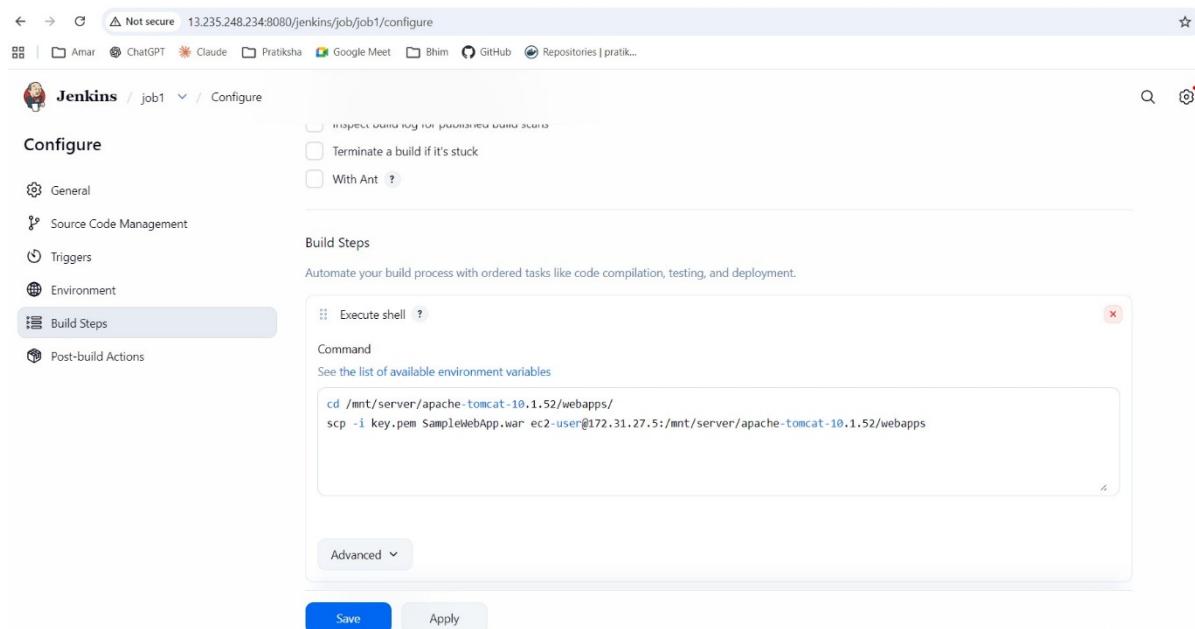
i-0213165c02ce835f2 (JenkinsMaster)

PublicIPs: 13.235.248.234 PrivateIP: 172.31.33.177

CloudShell Feedback Console Mobile App

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2) After create job from JM inst

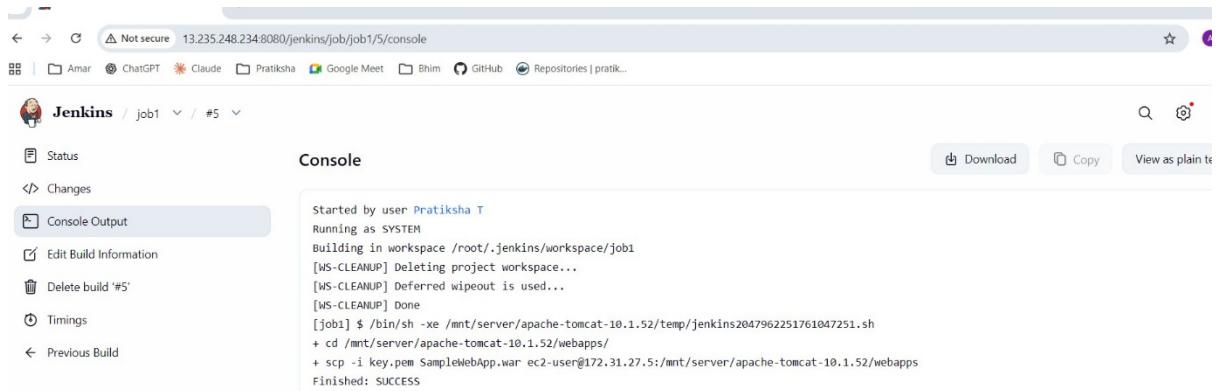


The screenshot shows the Jenkins job configuration page for 'job1'. The left sidebar has 'Build Steps' selected. Under 'Build Steps', there is one step: 'Execute shell'. The command entered is:

```
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 are 'Save' and 'Apply' buttons.

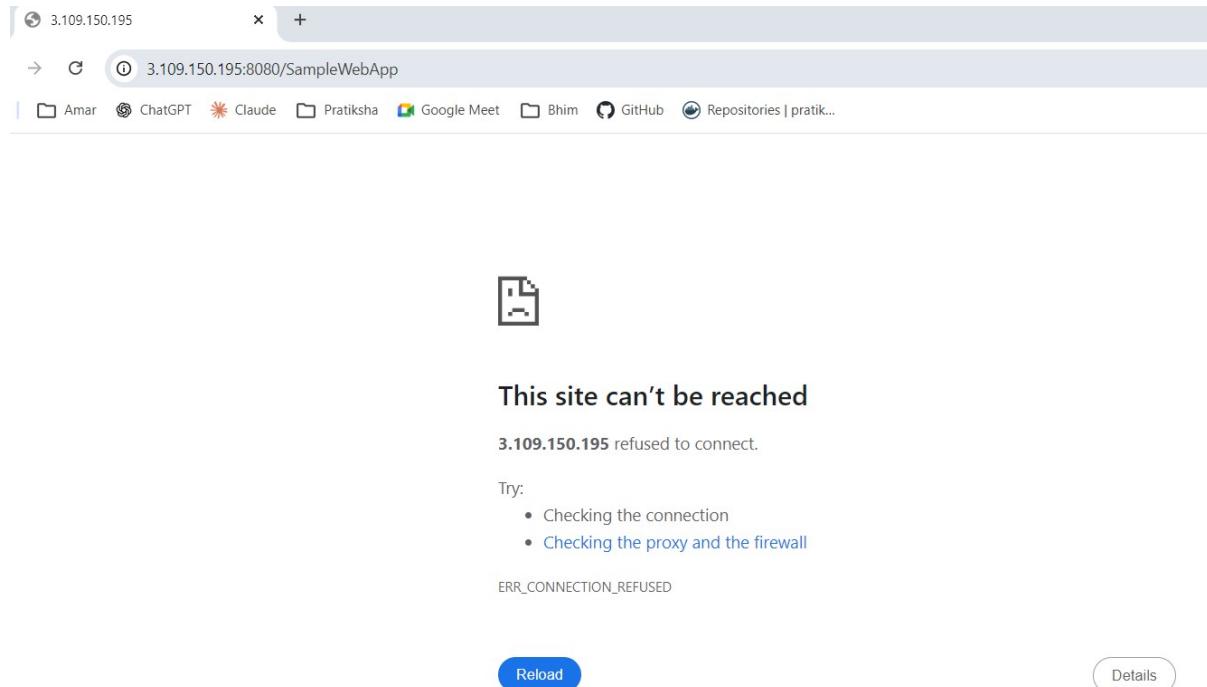
3) Success on console output4)



The screenshot shows the Jenkins console output for build #5. The left sidebar has 'Console Output' selected. The console log shows the following output:

```
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
```

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



5)For solve this error I checked connect

The screenshot shows a terminal window within the AWS CloudWatch interface. The terminal is running on an Amazon Linux 2023 instance. The user has run a 'curl' command to check connectivity to port 8080 on the localhost, but it failed with the message: '(7) Failed to connect to localhost port 8080 after 0 ms: Could not connect to server'. The terminal also displays the user's last login information.

```
'          #
~\ _###_#      Amazon Linux 2023
~~ \####\
~~   \#/      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 ~]# 
```

i-07487df7553d531fd (NoSlave)
PublicIPs: 3.109.150.195 PrivateIPs: 172.31.27.5

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

