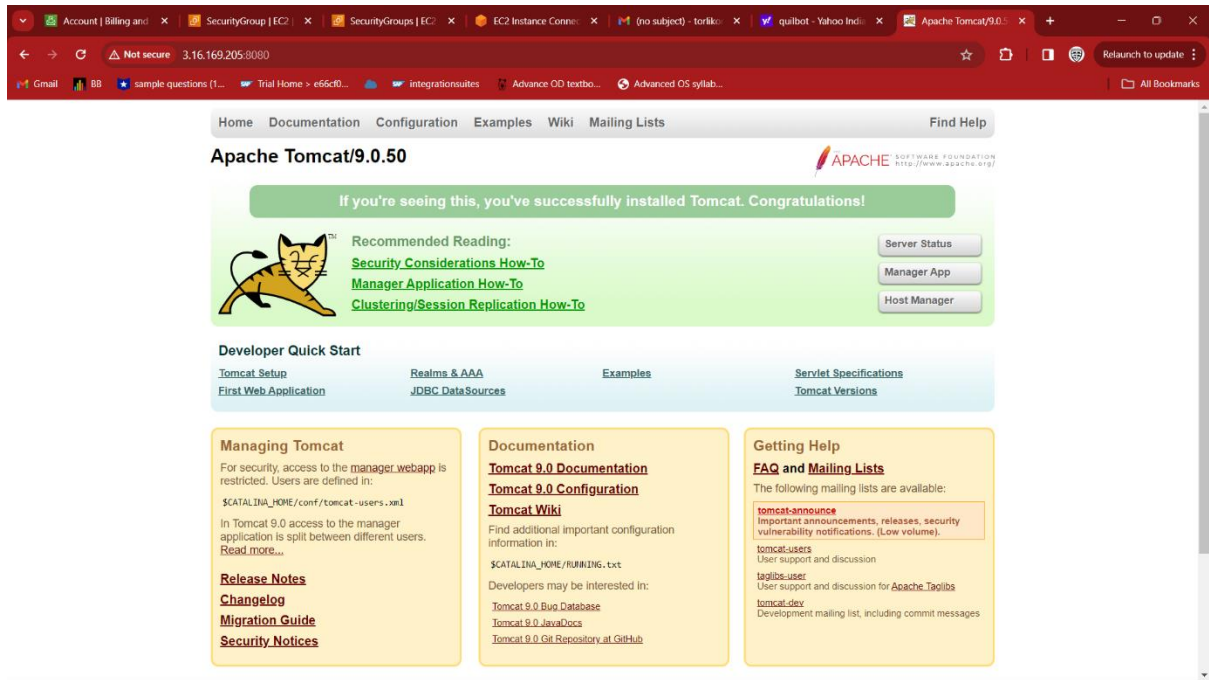


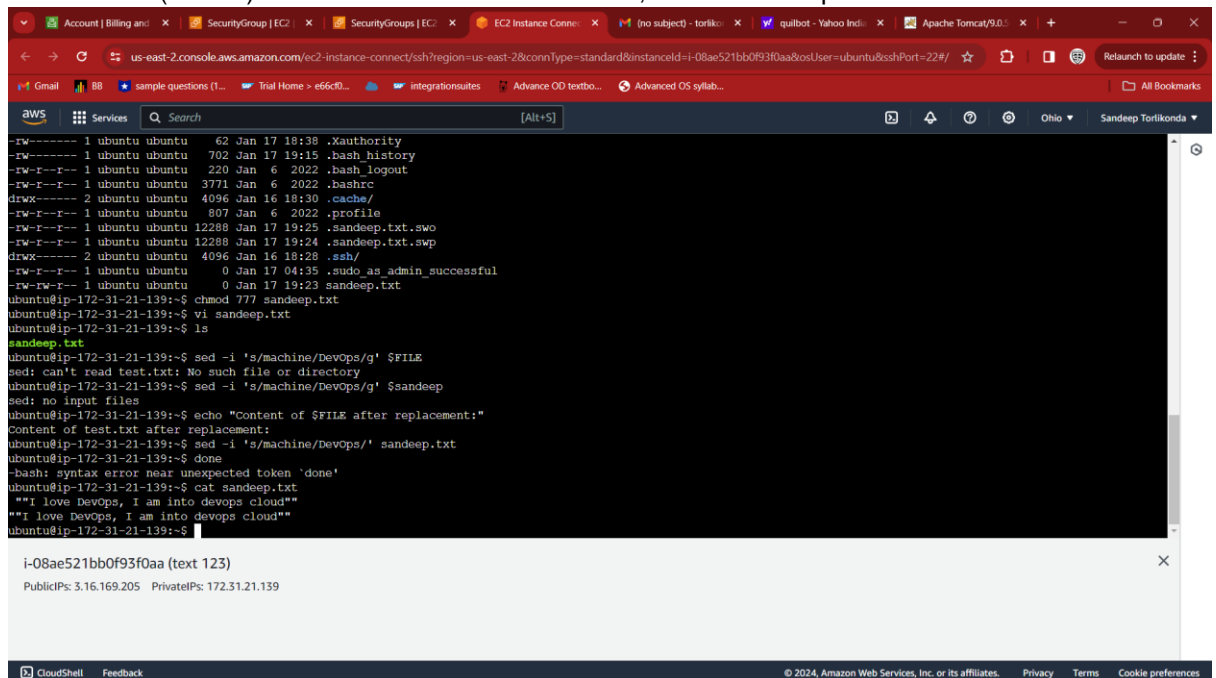
- 1) Create a shell file which includes Installation of Tomcat 9(into new directory) and start tomcat service Execute created shell file which should install and start service

**Output:** Launch Tomcat from browser (It should launch default page)

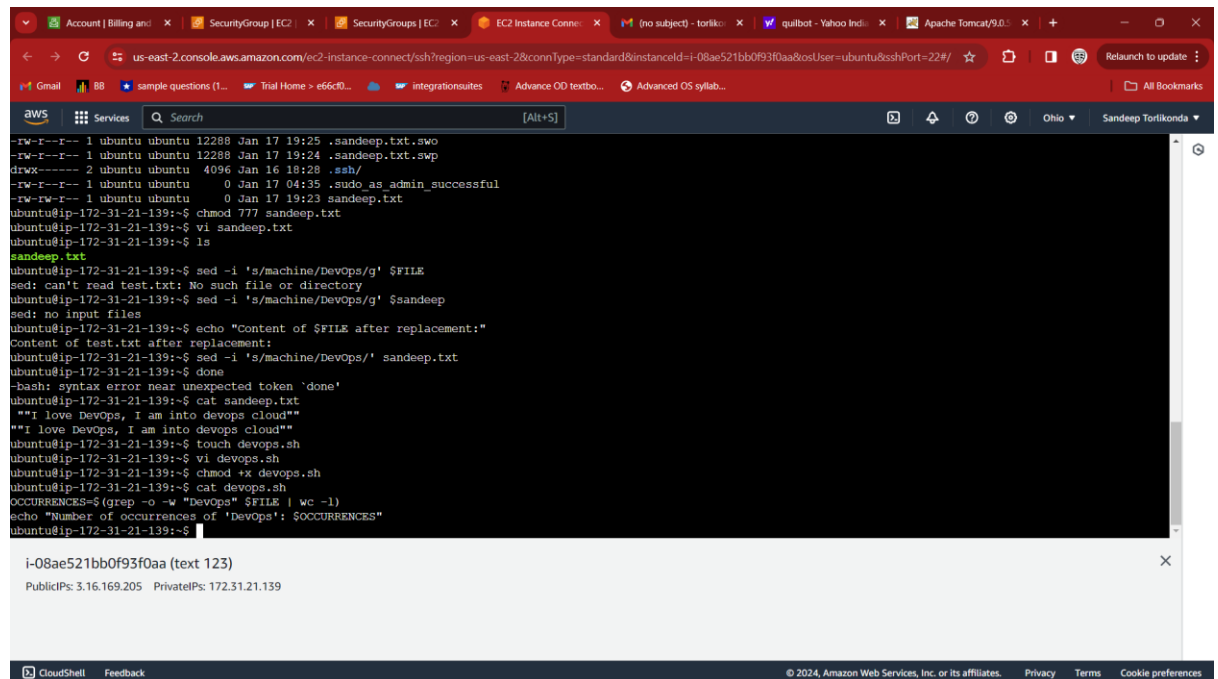
**Note:** Tomcat Requires Java as Pre-requisite and Tomcat runs on Port 8080 by default



- 2) Create a file (test.txt) with content as ""I love machine, I am into devops cloud""



Write a shell script which has to replace machine into DevOps in above file Then print the no of occurences of devops as output when we execute shell file.



The screenshot shows an AWS CloudShell terminal window. The terminal output displays file permissions and ownership for several files, including .sandeep.txt.swo, .sandeep.txt.swp, .ssh/, and .sudo\_as\_admin\_successful. It then shows the execution of a shell script that replaces 'machine' with 'DevOps' in a file named sandeep.txt. The script uses sed to perform the replacement and cat to display the content. Finally, it uses grep to count the occurrences of 'DevOps' and prints the result.

```
-rw-r--r-- 1 ubuntu ubuntu 12288 Jan 17 19:25 .sandeep.txt.swo
-rw-r--r-- 1 ubuntu ubuntu 12288 Jan 17 19:24 .sandeep.txt.swp
drwx----- 2 ubuntu ubuntu 4096 Jan 16 18:28 .ssh/
-rw-r--r-- 1 ubuntu ubuntu 0 Jan 17 04:35 .sudo_as_admin_successful
-rw-r--r-- 1 ubuntu ubuntu 0 Jan 17 19:23 sandeep.txt
ubuntu@ip-172-31-21-139:~$ chmod 777 sandeep.txt
ubuntu@ip-172-31-21-139:~$ vi sandeep.txt
sandeep.txt
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/g' $FILE
sed: can't read test.txt: No such file or directory
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/g' $sandeep
sed: no input files
ubuntu@ip-172-31-21-139:~$ echo "Content of $FILE after replacement:"
Content of test.txt after replacement:
ubuntu@ip-172-31-21-139:~$ sed -i 's/machine/DevOps/' sandeep.txt
ubuntu@ip-172-31-21-139:~$ done
-bash: syntax error near unexpected token `done'
ubuntu@ip-172-31-21-139:~$ cat sandeep.txt
""I love DevOps, I am into devops cloud""
""I love DevOps, I am into devops cloud""
ubuntu@ip-172-31-21-139:~$ touch devops.sh
ubuntu@ip-172-31-21-139:~$ vi devops.sh
ubuntu@ip-172-31-21-139:~$ chmod +x devops.sh
ubuntu@ip-172-31-21-139:~$ cat devops.sh
OCCURRENCES=$(grep -o -w "DevOps" $FILE | wc -l)
echo "Number of occurrences of 'DevOps': $OCCURRENCES"
ubuntu@ip-172-31-21-139:~$
```

i-08ae521bb0f93f0aa (text 123)  
PublicIPs: 3.16.169.205 PrivateIPs: 172.31.21.139