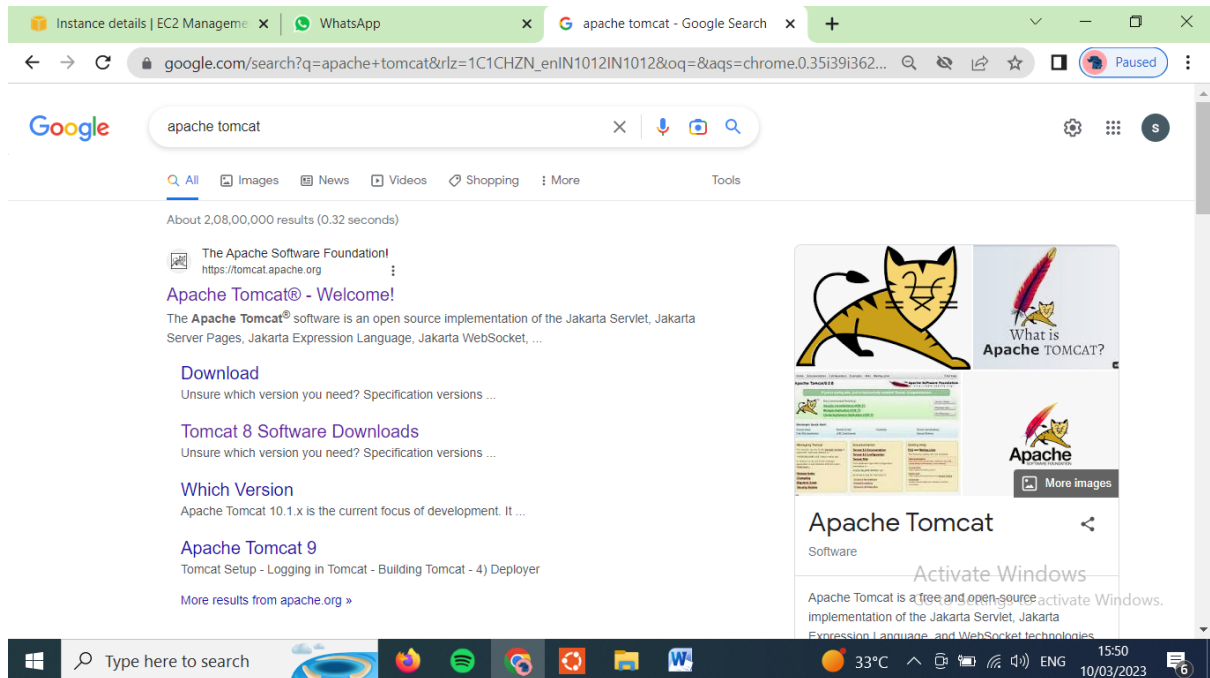


Setup tomcat server

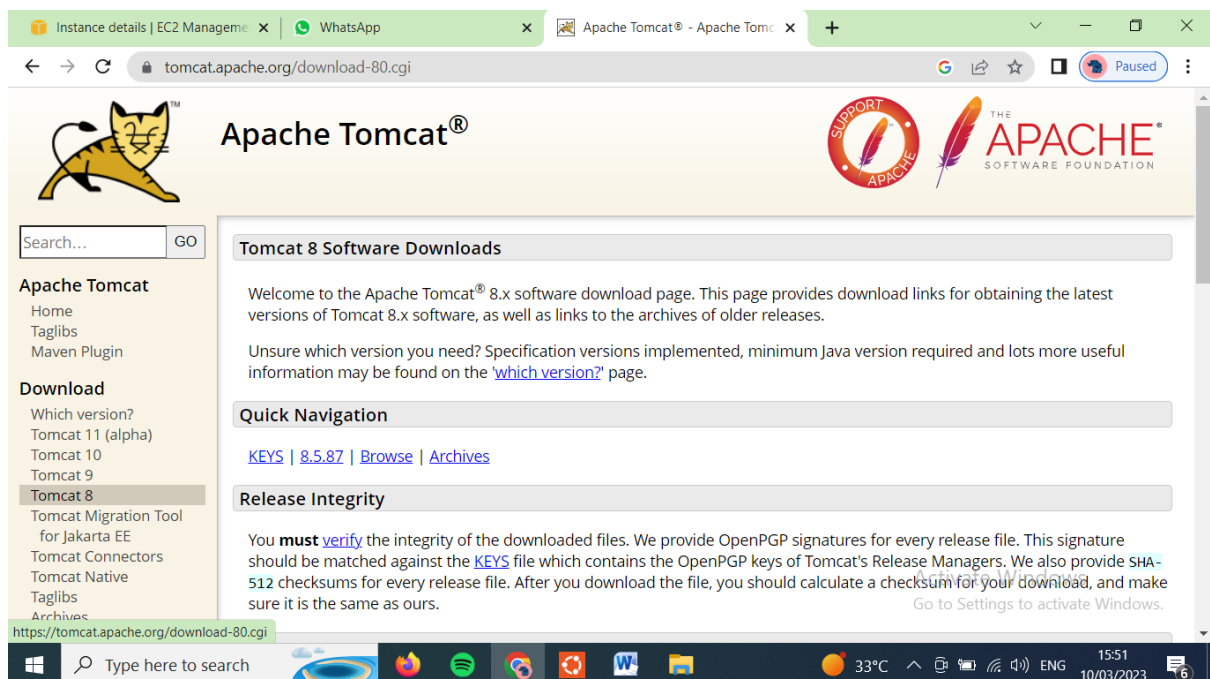
First we launch an instance. And add security group 8080 for tomcat server.

For simplicity we take its access into our ubuntu machine.

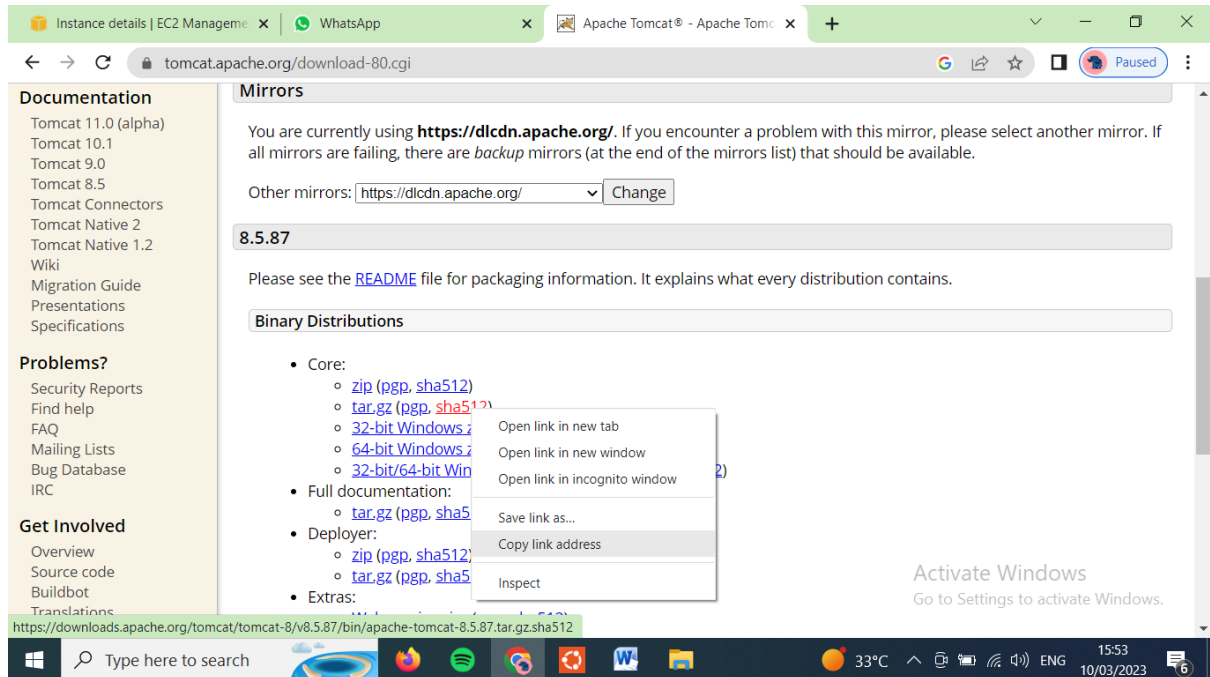
Now, go to the chrome and search 'apache tomcat'



Select the first option



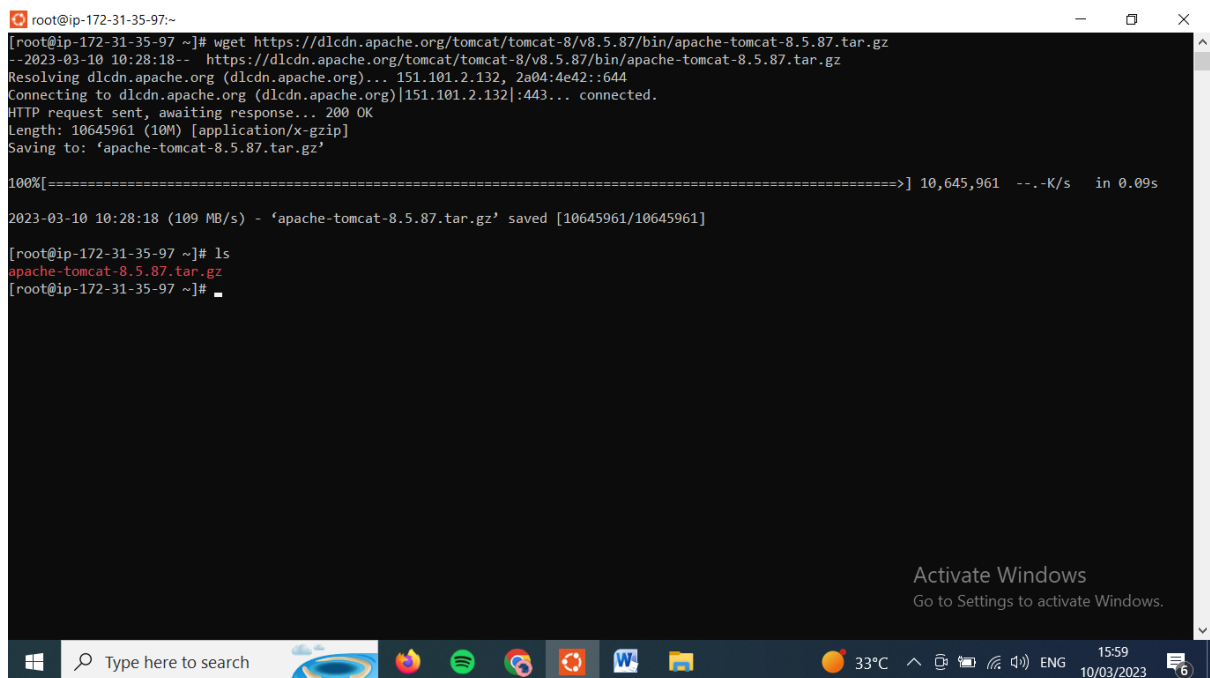
On download navigation bar select the desire version. In my case I choose tomcat 8. And scroll down



Copy link address of tar.gz file

Go to linux and use this command 'wget <link address of file>'

Eg. Wget <https://dlcdn.apache.org/tomcat/tomcat-8/v8.5.87/bin/apache-tomcat-8.5.87.tar.gz>



Now unzip the file using 'tar -xzf'

```
root@ip-172-31-35-97:~  
[root@ip-172-31-35-97 ~]# ls  
apache-tomcat-8.5.87.tar.gz  
[root@ip-172-31-35-97 ~]# tar -xzf apache-tomcat-8.5.87.tar.gz  
apache-tomcat-8.5.87/conf/  
apache-tomcat-8.5.87/conf/catalina.policy  
apache-tomcat-8.5.87/conf/catalina.properties  
apache-tomcat-8.5.87/conf/context.xml  
apache-tomcat-8.5.87/conf/jaspic-providers.xml  
apache-tomcat-8.5.87/conf/jaspic-providers.xsd  
apache-tomcat-8.5.87/conf/logging.properties  
apache-tomcat-8.5.87/conf/server.xml  
apache-tomcat-8.5.87/conf/tomcat-users.xml  
apache-tomcat-8.5.87/conf/tomcat-users.xsd  
apache-tomcat-8.5.87/conf/web.xml  
apache-tomcat-8.5.87/bin/  
apache-tomcat-8.5.87/lib/  
apache-tomcat-8.5.87/logs/  
apache-tomcat-8.5.87/temp/  
apache-tomcat-8.5.87/webapps/  
apache-tomcat-8.5.87/webapps/ROOT/  
apache-tomcat-8.5.87/webapps/ROOT/WEB-INF/  
apache-tomcat-8.5.87/webapps/docs/  
apache-tomcat-8.5.87/webapps/docs/META-INF/  
apache-tomcat-8.5.87/webapps/docs/WEB-INF/  
apache-tomcat-8.5.87/webapps/docs/WEB-INF/jsp/  
apache-tomcat-8.5.87/webapps/docs/annotationapi/  
apache-tomcat-8.5.87/webapps/docs/api/  
apache-tomcat-8.5.87/webapps/docs/appdev/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/docs/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/src/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/src/mypackage/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/web/  
apache-tomcat-8.5.87/webapps/docs/appdev/sample/web/WEB-INF/
```

Now, tomcat requires the java environment. For that install java by using

'yum install java-openjdk' command.

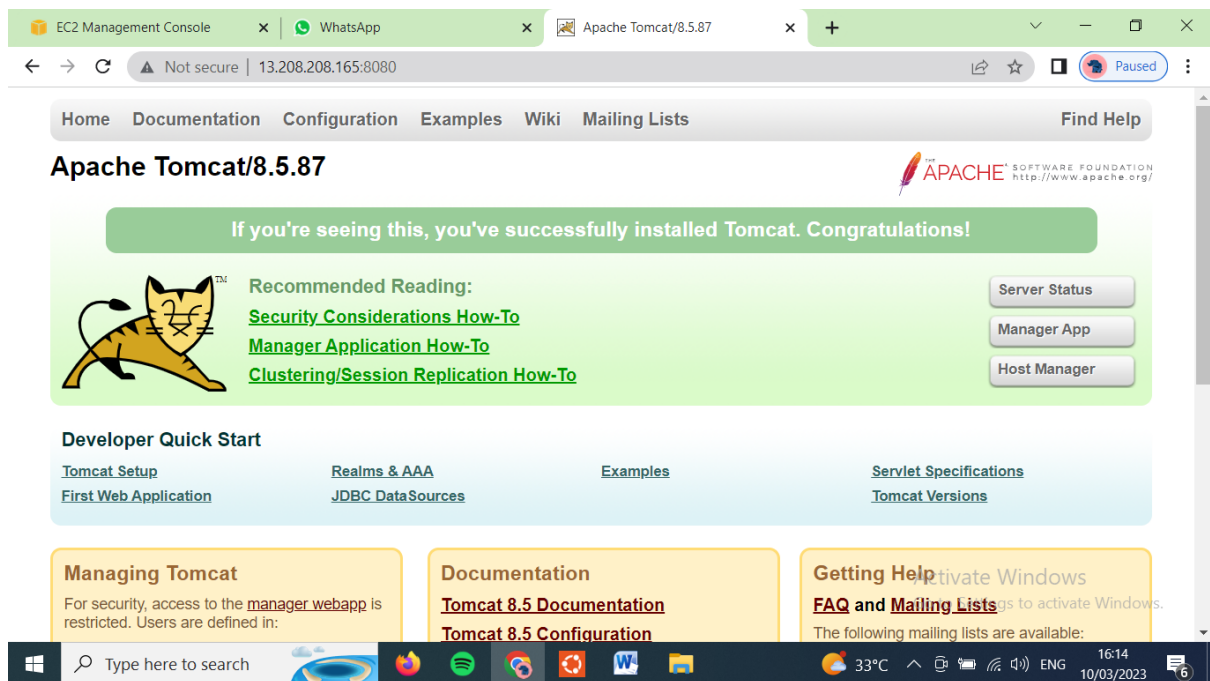
Now change directory to bin as shown in below

Then run the catalina.sh script using './catalina.sh start' command

```
root@ip-172-31-35-97:~/apache-tomcat-8.5.87/bin  
[root@ip-172-31-35-97 ~]# ls  
apache-tomcat-8.5.87  apache-tomcat-8.5.87.tar.gz  
[root@ip-172-31-35-97 ~]# cd apache-tomcat-8.5.87/  
[root@ip-172-31-35-97 apache-tomcat-8.5.87]# ls  
BUILDING.txt CONTRIBUTING.md LICENSE NOTICE README.md RELEASE-NOTES RUNNING.txt bin conf lib logs temp webapps work  
[root@ip-172-31-35-97 apache-tomcat-8.5.87]# cd bin  
[root@ip-172-31-35-97 bin]# ls  
bootstrap.jar  ciphers.bat  configtest.bat  digest.sh  shutdown.sh  tomcat-native.tar.gz  version.sh  
catalina-tasks.xml  ciphers.sh  configtest.sh  setclasspath.bat  startup.bat  tool-wrapper.bat  
catalina.bat  commons-daemon-native.tar.gz  daemon.sh  setclasspath.sh  startup.sh  tool-wrapper.sh  
catalina.sh  commons-daemon.jar  digest.bat  shutdown.bat  tomcat-juli.jar  version.bat  
[root@ip-172-31-35-97 bin]# ./c  
catalina.sh  ciphers.sh  configtest.sh  
[root@ip-172-31-35-97 bin]# ./catalina.sh start  
Using CATALINA_BASE:   /root/apache-tomcat-8.5.87  
Using CATALINA_HOME:   /root/apache-tomcat-8.5.87  
Using CATALINA_TMPDIR: /root/apache-tomcat-8.5.87/temp  
Using JRE_HOME:        /  
Using CLASSPATH:       /root/apache-tomcat-8.5.87/bin/bootstrap.jar:/root/apache-tomcat-8.5.87/bin/tomcat-juli.jar  
Using CATALINA_OPTS:  
Tomcat started.  
[root@ip-172-31-35-97 bin]#
```

Now go to the instance and copy the public address. Open new tab in chrome

In URL navigation type <public addr.>:8080



As we can see our tomcat server has been set up.

(note: to modify or add content for server, make changes in webapps folder)