**Installation Tomcat Server**

Basic commands :

$ sudo apt update

$ sudo apt install openjdk-11-jre -- install JAVA 11

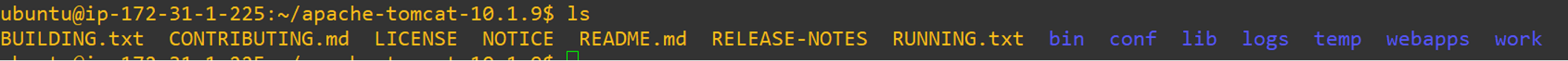
$ java -version

$ wget <https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.76/bin/apache-tomcat-9.0.76.tar.gz>

$ tar -xvf apache-tomcat-10.1.9.tar.gz -- Extract tar file using tar command

$ cd apache-tomcat-10.1.9

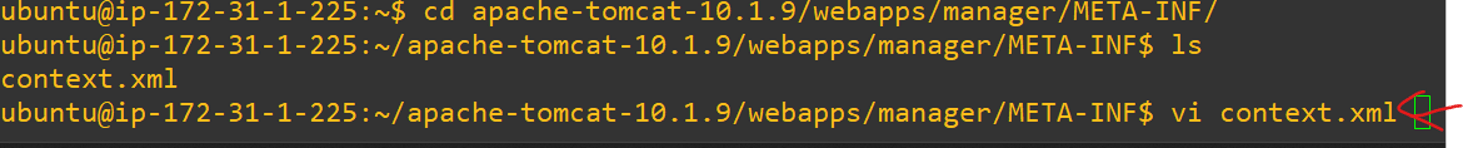
We can see Apache Tomcat files using ls command like below



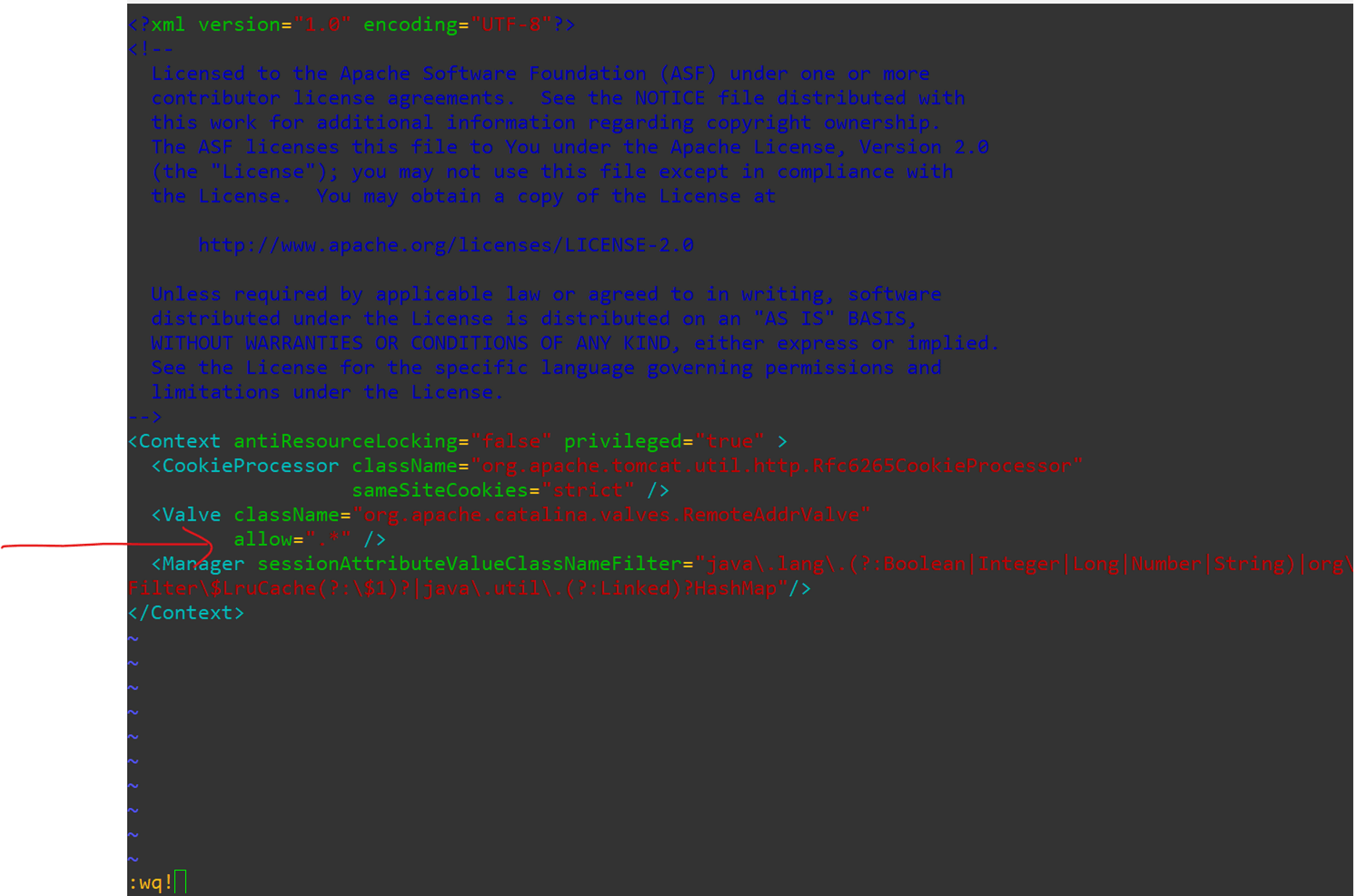
➔ To deploy applications into Tomcat server we will use Host Manager

➔ By default, the Host Manager is only accessible from a browser running on the same machine as Tomcat. If you wish to modify this restriction, you'll need to edit the Host Manager's context.xml file.

File Location: /webapps/manager/META-INF/context.xml



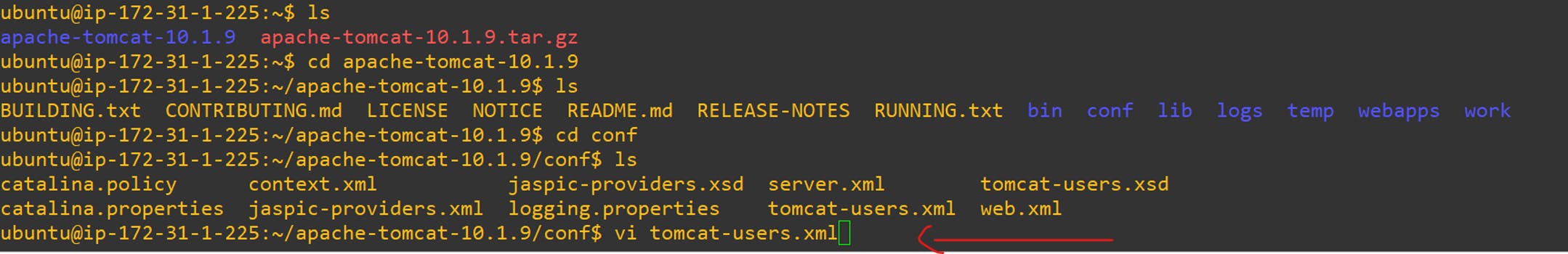
In Manager context.xml file, change section like below (allow attribute value changed)



Adding Users in Tomcat Server

➔ We need to add users in tomcat server to perform admin activities

File Location: /conf/tomact-users.xml



➔ Add below Roles and Users in tomcat-users.xml file

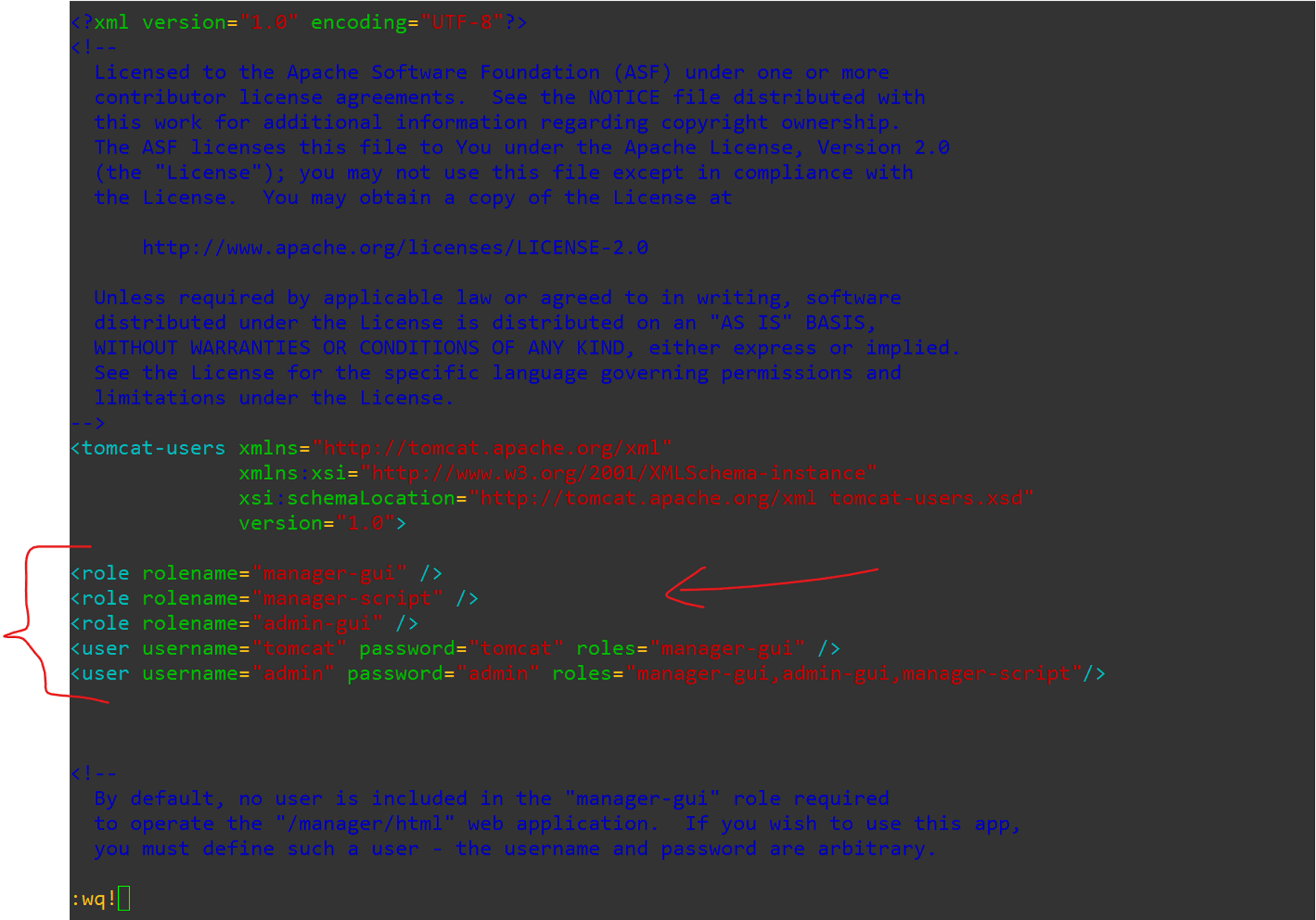
<role rolename="manager-gui" />

<role rolename="manager-script" />

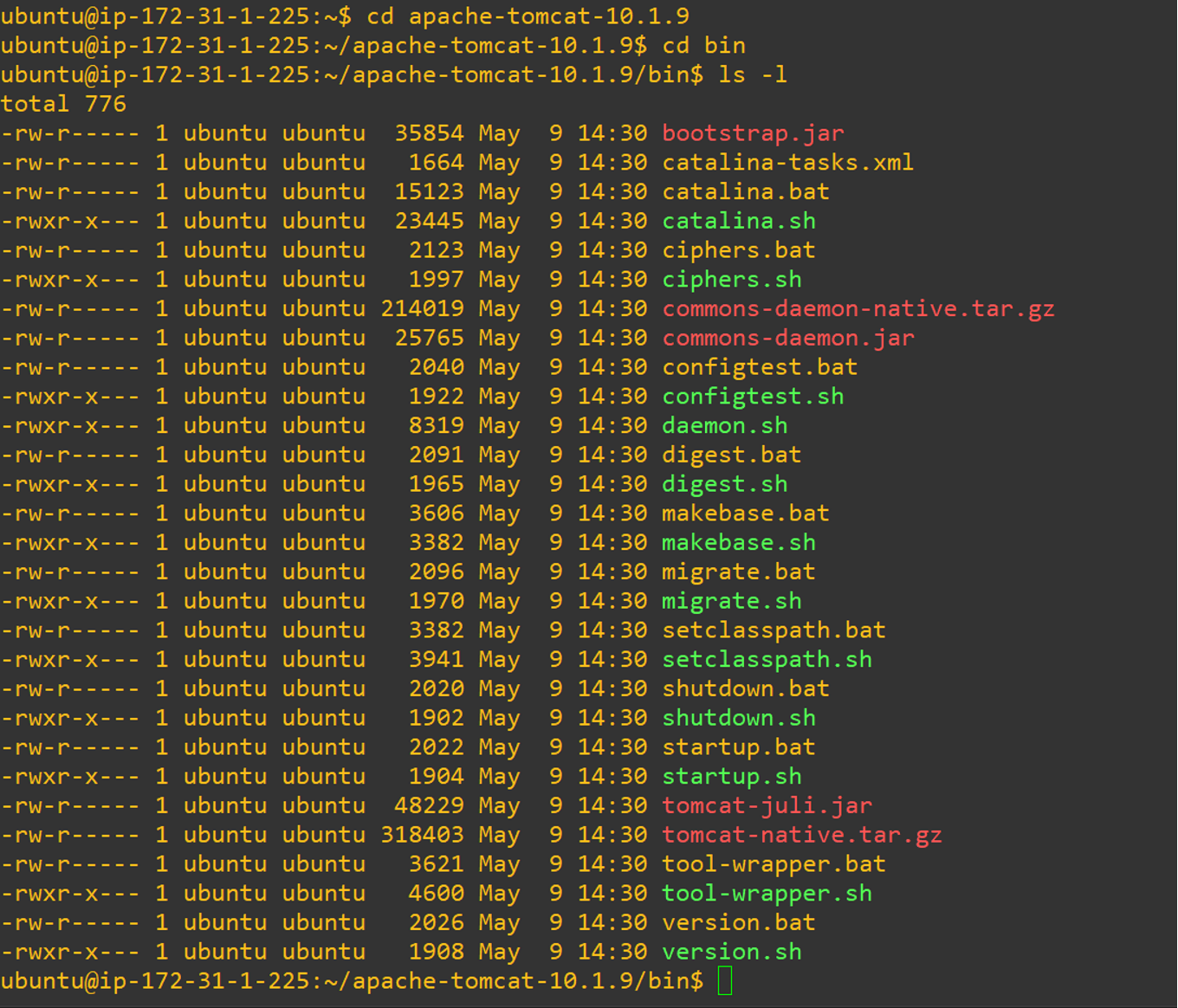
<role rolename="admin-gui" />

<user username="tomcat" password="tomcat" roles="manager-gui" />

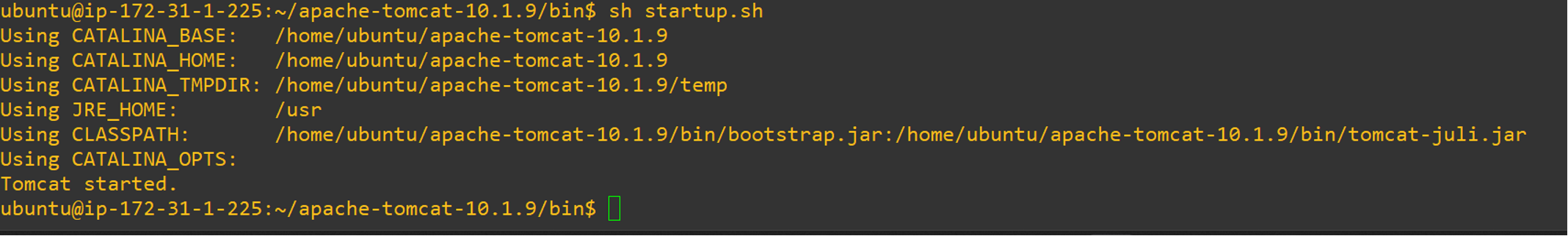
<user username="admin" password="admin" roles="manager-gui,admin-gui,manager-script"/>



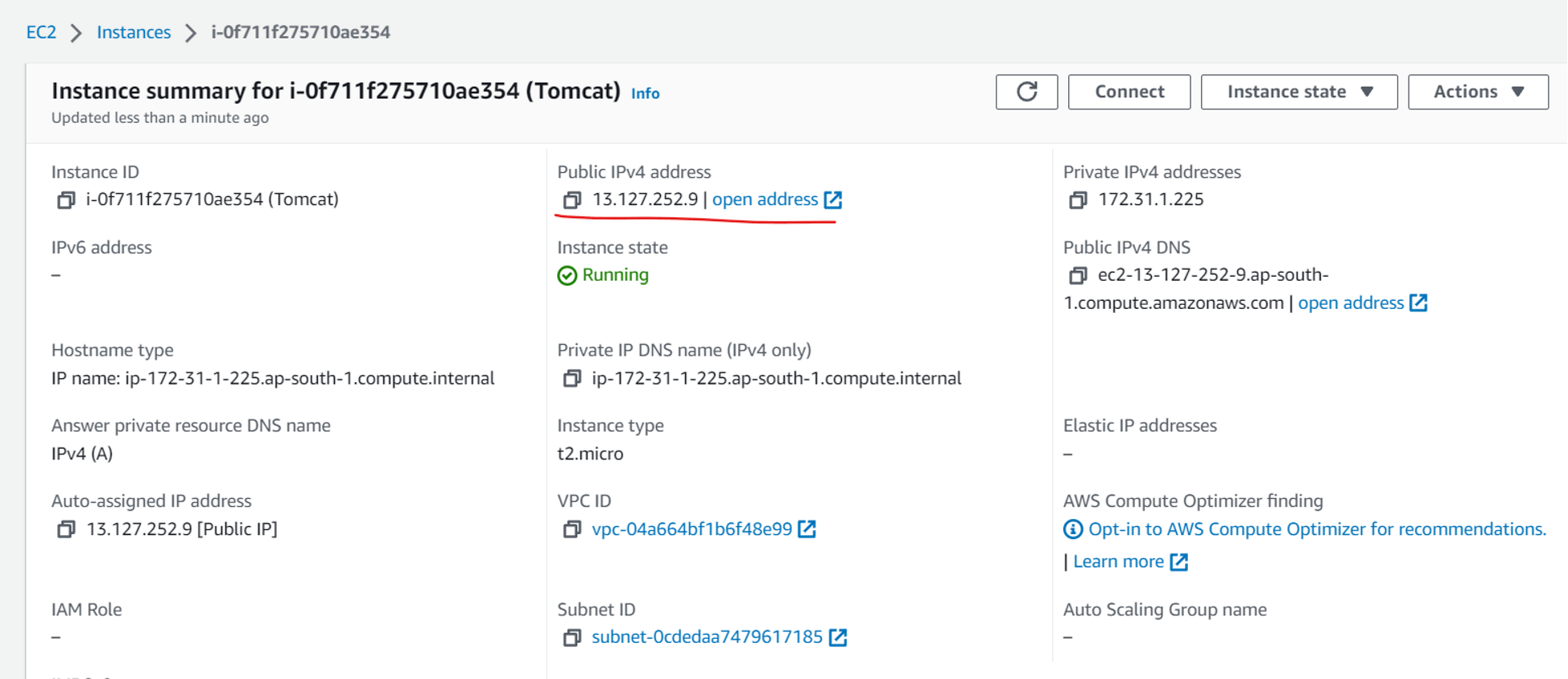
➔ After adding users, go to bin directory and start the Tomcat server



Start the tomcat server using ‘sh [startup.sh](http://startup.sh/)’ command



Once Tomcat Server started, we can access Tomcat Server admin console using EC2 Instance Public IP :  
Note : Make 8080 port number is enabled in your EC2 Instance Security Group.



We can access Tomcat Server in our Browser like below -

Open Manager App

