step 1

install jdk

wget --no-check-certificate --no-cookies --header "Cookie: oraclelicense=accept-securebackup-cookie" http://download.oracle.com/otn-pub/java/jdk/8u141-b15/336fa29ff2bb4ef291e347e091f7f4a7/jdk-8u141-linux-x64.rpm

ls

sudo yum install -y jdk-8u141-linux-x64.rpm

java --version

step 2

install tomcat

1 yum update

2 yum install tomcat

3 systemctl start tomcat

4 systemctl enable tomcat

5 systemctl restart tomcat

6 wget https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.84/bin/apache-tomcat-9.0.84.tar.gz

7 ls

8 tar -xvf apache-tomcat-9.0.84.tar.gz

9 ls

10 mv apache-tomcat-9.0.84 /opt/tomcat

11 ls

12 cd tomcat/

13 ls

14 cd bin

15 ls

16 chmod +x startup.sh

17 ln -s startup.sh /usr/local/bin/tomcatup

18 ln -s shutdown.sh /usr/local/bin/tomcatdown

20 ./catalina.sh

21 ./shutdown.sh

22 ./startup.sh

23 ./version.sh

add sequrity role in ec2 8080 in sg

search ec2 ip in chrome....

step 3

then

edit below file and comment

1. vim /opt/tomcat/webapps/host-manager/META-INF/context.xml

    <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"

         allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" />-->

2. vim /opt/tomcat/webapps/manager/META-INF/context.xml

    <!--<Valve className="org.apache.catalina.valves.RemoteAddrValve"

    allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" />-->

3 Update users information in the /opt/tomcat/conf/tomcat-users.xml file go to tomcat home directory and Add below users to /opt/tomcat/conf/tomcat-users.xml file.

```
<role rolename="manager-gui"/>

    <role rolename="manager-script"/>

    <role rolename="manager-jmx"/>

    <role rolename="manager-status"/>

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

    <user username="deployer" password="deployer" roles="manager-script"/>

    <user username="tomcat" password="s3cret" roles="manager-gui"/>
</tomcat-users>
```

step 4

goto vim /etc/ssh/sshd_config and edit line 64 passwordauthentication yes

step5

goto cd /opt/tomcat/bin/

 ./shutdown.sh

 ./startup.sh

step 6

change port number 8080 to 8081

go to vi /opt/tomcat/conf/server.xml in line 69 ,port 8080 to 8081

then save

step 7

installing mavan ,jenkins,

1 sudo yum install java-11-amazon-corretto -y

2 java -version

3 sudo yum install maven -y

4 java -version

6 sudo wget -O /etc/yum.repos.d/jenkins.repo
https://pkg.jenkins.io/redhat-stable/jenkins.repo

7 sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io-2023.key

8 sudo amazon-linux-extras install java-openjdk11 -y

9 sudo yum install jenkins -y

10 sudo systemctl enable jenkins

11 sudo systemctl start jenkins

12   sudo systemctl status jenkins

13 sudo cat /var/lib/jenkins/secrets/initialAdminPassword