**Tomcat Server installation on AWS**

Steps for Installing tomcat

Install Java JDK 1.8+ as a pre-requisite for tomcat to run.

- ✓ sudo hostnamectl set-hostname tomcat
- ✓ cd /opt
- ✓ sudo yum install git wget vim -y
- ✓ sudo yum install java-1.8.0-openjdk-devel -y

**Dowanload and extract tomcat software**

- ✓ sudo wget https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.69/bin/apache-tomcat-9.0.69.tar.gz
- ✓ sudo tar -xvf apache-tomcat-9.0.69.tar.gz
- ✓ sudo rm apache-tomcat-9.0.69.tar.gz
- ✓ sudo mv apache-tomcat-9.0.69 tomcat9
- ✓ sudo chmod 777 -R /opt/tomcat9
- ✓ sudo sh /opt/tomcat9/bin/startup.sh

**create a soft link to start and stop tomcat from anywhere**

To manage tomcat as a service

- ✓ sudo ln -s /opt/tomcat9/bin/startup.sh /usr/bin/starttomcat
- ✓ sudo ln -s /opt/tomcat9/bin/shutdown.sh /usr/bin/stoptomcat
- ✓ sudo starttomcat
- ✓ echo "end on tomcat installation"
- ✓ sudo su - ec2-user

**2. Start of tomcat configuration**

Tomcat server configuration:

- ✓ find / -name server.xml context.xml
- ✓ vim /opt/tomcat9/conf/server.xml
- ✓ vi /opt/tomcat9/webapps/manager/META-INF/context.xml

vi /opt/tomcat9/conf/tomcat-user.xml  # to add user

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

/opt/tomcat9/conf/context.xml

vi /opt/tomcat9/webapps/manager/META-INF/context.xml

vi /opt/tomcat9/conf/tomcat-user.xml  # to add user

        username YourName password=PassWord   roles=manager-gui

**3. Starting tomcat server**

cd /opt/tomcat/bin/

sudo ./startup.sh

**4. Access Tomcat Web Interface**

Open a web browser and navigate to your EC2 instance's public IP or DNS name followed by Tomcat's default port **8080:**

**http://your-ec2-public-ip:8080**