Install Apache **Tomcat** On Ubuntu 16.04:

Step1 :

Download Apache Tomcat 9 archive file using following commands or you can visit Tomcat 8 official download page. After downloading extract archive file in /opt directory. You may change this location as per your setup.

Step2 :

Command: **mkdir tomcat**

**cd tomcat**

wget <http://www-us.apache.org/dist/tomcat/tomcat-8/v8.5.23/bin/apache-tomcat-8.5.23.tar.gz>

Step3 : **tar xzf apache-tomcat-8.5.23.tar.gz**

Step4 : Execute Bellow Comaands One by one.

cd tomcat

cd apache-tomcat-8.5.23/bin

./startup.sh

Step5 : Then You Can See Like This .

root@jenkins:~/tomcat/apache-tomcat-8.5.23/bin# ./startup.sh

Using CATALINA\_BASE: /root/tomcat/apache-tomcat-8.5.23

Using CATALINA\_HOME: /root/tomcat/apache-tomcat-8.5.23

Using CATALINA\_TMPDIR: /root/tomcat/apache-tomcat-8.5.23/temp

Using JRE\_HOME: /usr/lib/jvm/java-8-oracle

Using CLASSPATH: /root/tomcat/apache-tomcat-8.5.23/bin/bootstrap.jar:/root/tomcat/apache-tomcat-8.5.23/bin/tomcat-juli.jar

Tomcat started.

Step6 : **Access Tomcat in Browser**

Tomcat server default works on port **8080**. Access tomcat on web browser by connecting your server on port 8080.

EX : <http://192.168.33.20:8080>

Install Jenkins On Ubuntu 16.04:

**Installation URL :** [**https://tecadmin.net/install-jenkins-in-ubuntu/**](https://tecadmin.net/install-jenkins-in-ubuntu/)

Step 1 : Download Jenkins.war From Offical Site

wget <http://ftp.yz.yamagata-u.ac.jp/pub/misc/jenkins/war-stable/2.73.2/jenkins.war>

Step2 : copy Jenkins.war into Tomcat Application Server

/apache-tomcat-8.5.23/webapps/Jenkins.war

Step3: Restart Tomcat Server

Step4: Access Jenkins on Web **EX : http://192.168.33.20/8080/jenkins**