

You need to download apache tomcat 8 and unzip by using `tar -xvzf`

To start tomcat go to bin dir inside tomcat and `./startup.sh`

To check tomcat is up or `ps -ef | grep tomcat` and check port number 8080

By default tomcat uses 8080 but Jenkins uses 8080 so u need to change the port number for tomcat ,u can change it by editing the settings.xml in connector section (line number 69 in file)and change the port number and stop tomcat and start the tomcat

To shutdown `./shutdown.sh`

Now give permissions for startup.sh so that any user start up the tomcat ..dont give full permissions in organization

`Chmod +x startup.sh`
`Chmod +x shutdown.sh`

Creating soft link for startup .sh and shutdown.sh

`ln -s /opt/tomcat-8.5.49/bin/startup.sh /usr/local/bin/tomcatup -----for starting tomcat`

`ln -s /opt/tomcat-8.5.49/bin/shutdown.sh /usr/local/bin/tomcatdown ---for stopping tomcat`

for tomcat logs `/opt/tomcat/logs/catalina.out`

tomcatup but page not loading for my centos 7

`iptables -I OUTPUT -o -enp0s3 -d 0.0.0.0/0 -j ACCEPT`

`iptables -I INPUT -i -enp0s3 -m state --state ESTABLISHED,RELATED -j ACCEPT`

`iptables -I INPUT -j ACCEPT`

and try to login now 403 acces denied because we didn't give permmission for tomcat users to login so give permission by doing following things

cmd :find / -name context.xml

output ./opt/tomcat-8.5.49/conf/context.xml

/opt/tomcat-8.5.49/webapps/host-manager/META-INF/context.xml

/opt/tomcat-8.5.49/webapps/manager/META-INF/context.xml

vi /opt/tomcat-8.5.49/webapps/host-manager/META-INF/context.xml

comment the line number 19,20 as follows

```
19 <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"
20     allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" /> -->
```

vi /opt/tomcat-8.5.49/webapps/manager/META-INF/context.xml

```
19 <!-- <Valve className="org.apache.catalina.valves.RemoteAddrValve"
20     allow="127\.\d+\.\d+\.\d+|::1|0:0:0:0:0:0:0:1" /> -->
```

Now to add user got to /opt/tomcat/conf

And edit tomcat-users.xml

vi tomcat-users.xml

and paste following under second NOTE or from line 36

```
<role rolename="manager-gui"/>
    <role rolename="manager-script"/>
    <role rolename="manager-jmx"/>
    <role rolename="manager-status"/>
    <role rolename="admin-gui"/>
    <role rolename="admin-script"/>
    <user username="admin" password="admin" roles="admin-gui,manager-gui,manager-
script,manager-jmx,manager-status"/>
    <user username="deployer" password="deployer" roles="manager-script"/>
    <user username="tomcat" password="tomcat" roles="manager-gui"/>
```