**Tomcat installation on EC2 instance**

### **Prerequisites**

### EC2 instance with Java v1.8.x

### **Install Apache Tomcat**

* **Download tomcat packages from**[**https://tomcat.apache.org/download-80.cgi**](https://tomcat.apache.org/download-80.cgi)**onto /opt on EC2 instance**

**create tomcat directory**

cd /opt

wget <http://mirrors.fibergrid.in/apache/tomcat/tomcat-8/v8.5.35/bin/apache-tomcat-> 8.5.35.tar.gz

tar -xvzf /opt/apache-tomcat-8.5.35.tar.gz

* **Give executing permissions to startup.sh and shutdown.sh which are under bin**

chmod +x /opt/apache-tomcat-8.5.35/bin/startup.sh shutdown.sh

* **Create link files for tomcat startup.sh and shutdown.sh**

ln -s /opt/apache-tomcat-8.5.35/bin/startup.sh /usr/local/bin/tomcatup

ln -s /opt/apache-tomcat-8.5.35/bin/shutdown.sh /usr/local/bin/tomcatdown

access tomcat application from browser on prot 8080  
http://<Public\_IP>:8080

Using unique ports for each application is a best practice in an environment. But tomcat and Jenkins runs on ports number 8080. Hence lets change tomcat port number to 8090. Change port number in conf/server.xml file under tomcat home

cd /opt/apache-tomcat-8.5.35/conf

# update port number in the "connecter port" field in server.xml

# restart tomcat after configuration update

tomcatdown

tomcatup

**Update users information in the tomcat-users.xml file goto tomcat home directory and Add below users to conf/tomcat-user.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"/>