Install Java:

Refer : <https://tecadmin.net/install-java-8-on-centos-rhel-and-fedora/>

Oracle java8 instalation and setup::

Download jdk-8u45-linux-x64.tar.gz

Cd /opt

tar zxvf /home/Ram/jdk-8u45-linux-x64.tar.gz

mv jdk1.8.0\_45/ jdk8

cd jdk8/

alternatives --install /usr/bin/java java /opt/jdk8/bin/java 2

alternatives --config java

java -version

alternatives --install /usr/bin/jar jar /opt/jdk8/bin/jar 2

alternatives --install /usr/bin/javac javac /opt/jdk8/bin/javac 2

alternatives --set jar /opt/jdk8/bin/jar

alternatives --set javac /opt/jdk8/bin/javac

javac

javac –version

jar

Apache tomcat8 instalation:

wget https://archive.apache.org/dist/tomcat/tomcat-8/v8.0.22/bin/apache-tomcat-8.0.22.tar.gz

ls -l /home/Ram

cd /opt

tar zxvf /home/Ram/apache-tomcat-8.0.22.tar.gz

mv apache-tomcat-8.0.22/ tomcat8

cd tomcat8/

cd bin

export CATALINA\_HOME=/opt/tomcat8/

set | grep CATALINA

./startup.sh

ps aux | grep start

yum install telnet -y

telnet localhost 8080

go browser and type http://<public\_ip>:8080

Apache Tomcat env setup:

Cd /opt/apache8/bin

./shutdown.sh  
cd /etc

Yum install vim -y

Vim profile

Add below entries ….

CATALINA\_BASE=/opt/apache8

CATALINA\_HOME=/opt/apache8

CATALINA\_TMPDIR=/opt/apache8/temp

JAVA\_HOME=/opt/jdk8

JRE\_HOME=/opt/jdk8

Then switch to your user id

Su – Ram

set | grep CATALINA

set | grep JRE

cd /opt/apache8/bin

./startup.sh

/opt/apache8/conf

Vim tomcat-users.xml

<role rolename="tomcat"/>

<role rolename="role1"/>

<role rolename="manager-gui"/>

<user username="tomcat" password="tomcat" roles="tomcat"/>

<user username="both" password="tomcat" roles="tomcat,role1"/>

<user username="role1" password="tomcat" roles="role1"/>

<user username="manager" password="manager" roles="manager-gui"/>

Configuring tomcat as a service:

For RHEL 7 run the following as root:

cd /etc/yum.repos.d/

wget https://download.opensuse.org/repositories/server:monitoring/RHEL\_7/server:monitoring.repo

yum install jsvc

cd <enter>

useradd tomcat

groupadd apache

usermod -G apache tomcat

apache8/bin/catalina.sh stop

cd /opt

chown tomcat:apache apache8 -R

vim /etc/sysconfig/tomcat

CATALINA\_HOME=/opt/apache8

JAVA\_HOME=/opt/jdk8

JSVC=/bin/jsvc

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vim /usr/lib/systemd/system/tomcat.service

[Unit]

Description=Tomcat webserver

After=syslog.target network.target

[Service]

Type=forking

User=tomcat

EnvironmentFile=/etc/sysconfig/tomcat

ExecStart=/opt/apache8/bin/startup.sh start

ExecStop=/opt/apache8/bin/shutdown.sh stop

[Install]

WantedBy=multi-user.target

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systemctl enable tomcat.service

ps aux | grep tomcat

systemctl start tomcat.service

systemctl status tomcat.service