**Tomcat user creation:**

**Login as root user**

[root@uqscrap430~]# groupadd -g 10001 tomcat

[root@uqscrap430~]# useradd -u 10001 -g 10001 tomcat

[root@uqscrap430~]# passwd tomcat

Changing password for user tomcat.

New password:

Retype new password:

passwd: all authentication tokens updated successfully.

[root@uqscrap430 ~]# \*\*\*\*\*\*\*\*\*

**Install Jdk:**

Copy jdk from /home/tomcat/softwares to /opt/

[root@uqscrap430 opt]# tar -xvf jdk-11.0.13\_linux-x64\_bin.tar.gz

**Create a symbolic to point at this version of Java**

ln -s /opt/jdk-11.0.13/ java

**Update login profiles with Java app settings**

nano /etc/profile.d/java.sh

And add these lines

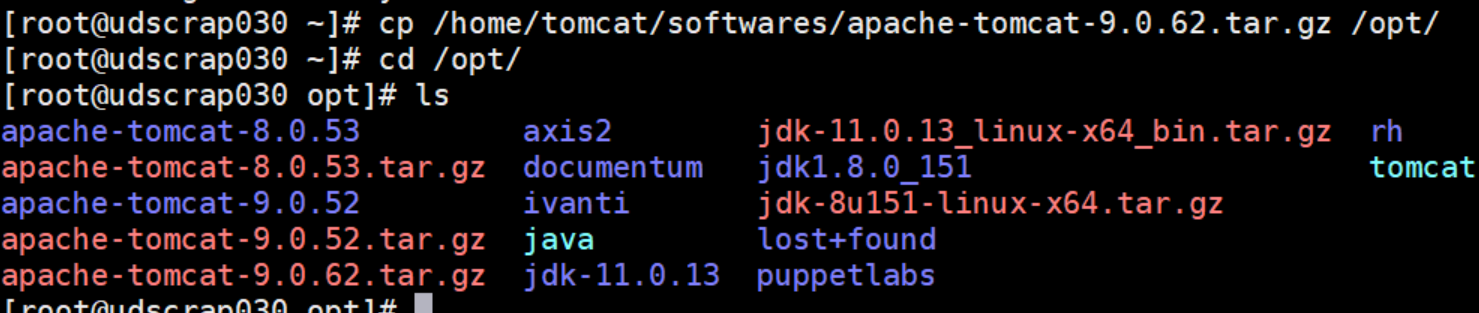
JAVA\_HOME=/opt/java  
export JAVA\_HOME  
PATH=$JAVA\_HOME/bin:$PATH  
export PATH

**Validate the installation**  
Exit root and log back in to reload the profile, then execute:  
java -version

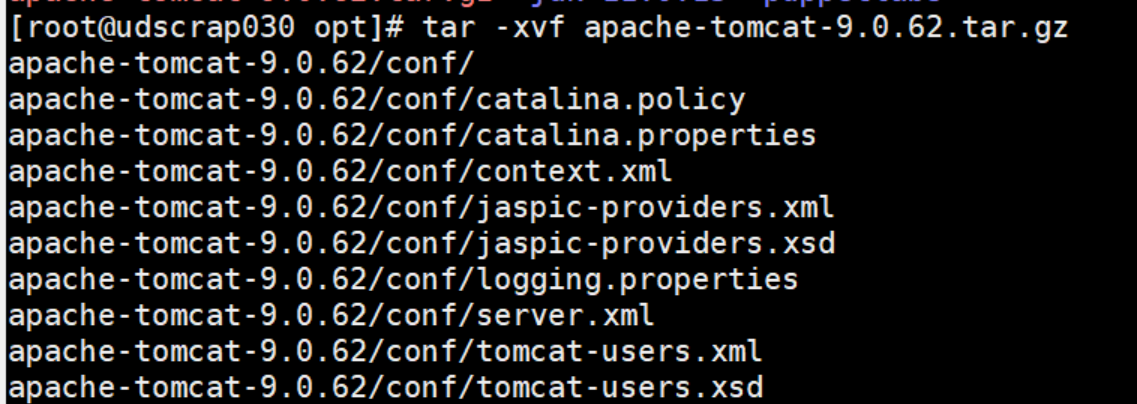
[tomcat@uqscrap430 ~]$ java -version  
java version "11.0.13" 2021-10-19 LTS  
Java(TM) SE Runtime Environment 18.9 (build 11.0.13+10-LTS-370)  
Java HotSpot(TM) 64-Bit Server VM 18.9 (build 11.0.13+10-LTS-370, mixed mode)

**Tomcat 9.0.62 installation on urscoap733**

1.copy tomcat software to /opt folder.



2.install tomcat



3.remove existing tomcat symlink

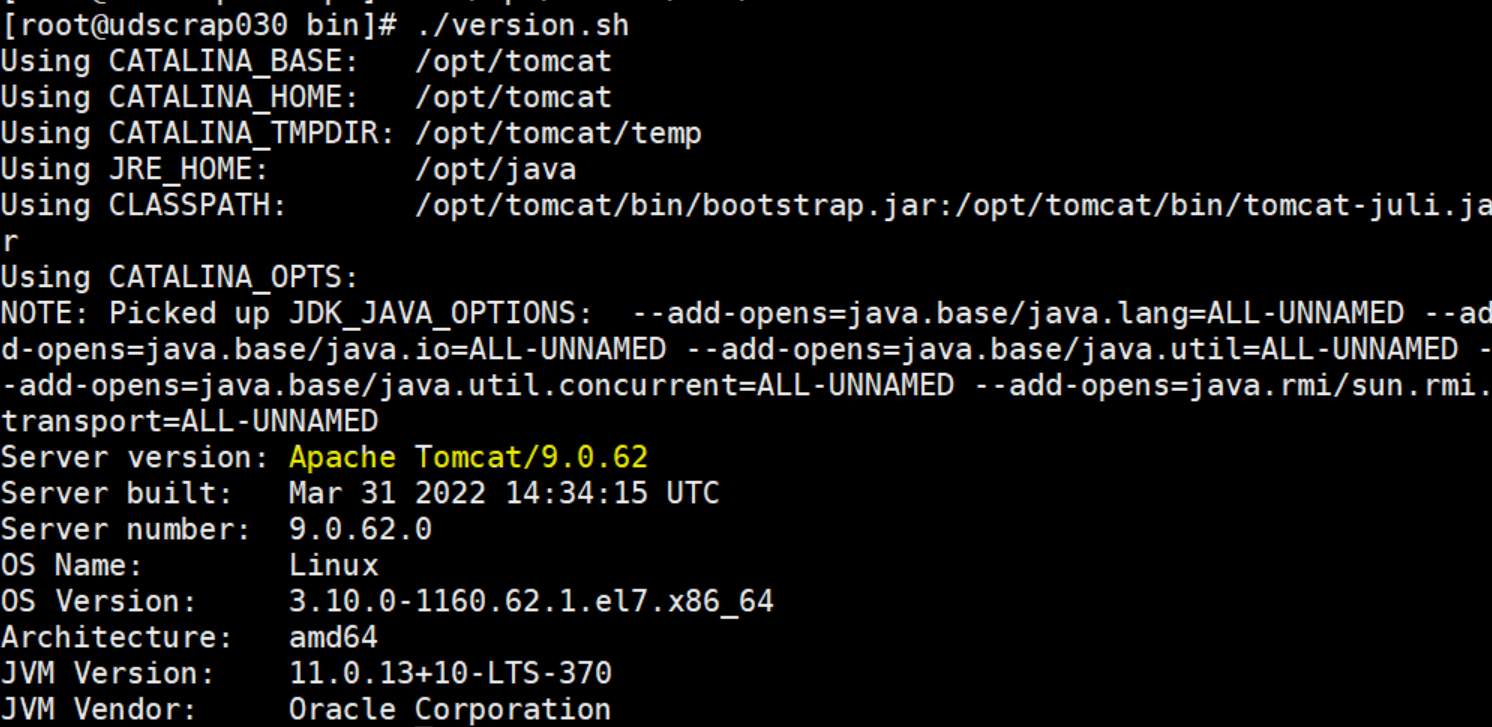
[root@udscrap030 opt]# rm -f tomcat

4.create new symlink for tomct 9.0.62

[root@udscrap030 opt]# ln -s apache-tomcat-9.0.62 tomcat

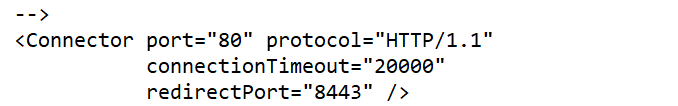
5. [root@udscrap030 opt]# chown -R tomcat:tomcat apache-tomcat-9.0.62

6.check the current version of tomcat.

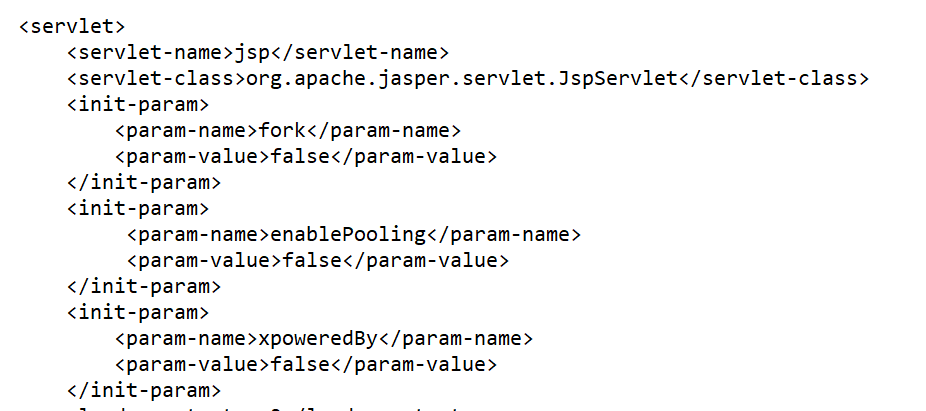


7.change the port in server.xml file

Cd /opt/tomcat/config



8.add enablepooling paramer to be false in web.xml.



9.Add the below line in Catalina.properties file.

org.apache.jasper.compiler.Parser.STRICT\_WHITESPACE=false

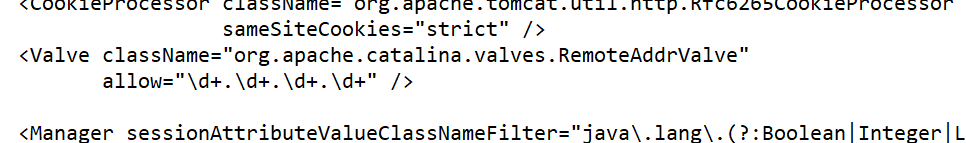
10.build jsvc executable

* [root@udscrap030 opt]# cd $CATALINA\_HOME/bin
* [root@udscrap030 bin]# tar -xvzf commons-daemon-native.tar.gz
* [root@udscrap030 bin]# cd commons-daemon-1.3.0-native-src/unix/
* [root@udscrap030 unix]# ./configure
* Now you can issue "make"

[root@udscrap030 unix]# make

* [root@udscrap030 unix]# cp jsvc $CATALINA\_HOME/bin

11.Add the below line in /opt/tpmcat/webapps/manager/meta -inf context.xml file.



12. Log out of any remaining sessions and log back in again as root. Then copy the Tomcat startup file into the startup directory. If prompted, answer “yes” to verify:

[root@udscrap030 ~]# cp /home/tomcat/tomcat.service /usr/lib/systemd/system

cp: overwrite ‘/usr/lib/systemd/system/tomcat.service’? yes

13. [root@uqscrap430 ~]# cd /usr/lib/systemd/system  
 [root@uqscrap430 system]# chmod 755 tomcat.service

Create folder Customconf under /opt/tomcat and to class path

**Configure mount:**

mkdir -p /mnt/ingest/omrscnimagepp2

##### **edit the /etc/fstab file**

nano /etc/fstab

**Add the new mount info and save the file:**

//CFS.ucles.internal/omrscnimagepp2/ /mnt/ingest/omrscnimagepp2 cifs vers=2.1,credentials=/etc/.dc10scan.credentials,uid=tomcat,file\_mode=0775,forceuid

**Create a hidden credentials file to match**

nano /etc/.dc10scan.credentials

**Append the credentials (look at the existing servers for the creds):**

username=dc10scan

password=\*\*\*\*\*\*\*\*

domain=UCLES

**Finally, mount the file systems:**

mount /mnt/ingest/omrscnimagepp2

**while mounting cfs if an error like below screenshot appears**Text

Description automatically generated

**check if cifs-utils is installed**

Text

Description automatically generated

**If it is not installed install the cifs-util using the command: yum install cifs-utils**

After installation try to mount and verify the mounts using df -h command