**JDK 8 Installation: -**

**Download the JDK8 through wget command**

wget --no-cookies --no-check-certificate --header "Cookie: gpw\_e24=http%3A%2F%2Fwww.oracle.com%2F; oraclelicense=accept-securebackup-cookie" <http://download.oracle.com/otn-pub/java/jdk/8u171-b11/512cd62ec5174c3487ac17c61aaa89e8/jdk-8u171-linux-x64.tar.gz>

untar the jdk-8u171-linux-x64.tar.gz file under the /opt directory

tar xzf jdk-8u91-linux-x64.tar.gz -d /opt



**Install Java 8 with Alternatives:-**

[root@localhost opt]# alternatives --install /usr/bin/java java /opt/jdk1.8.0\_171/bin/java 2

[root@localhost opt]# alternatives --config java

There are 3 programs which provide 'java'.

Selection Command

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\*+ 1 /usr/lib/jvm/jre-1.7.0-openjdk.x86\_64/bin/java

2 /usr/lib/jvm/jre-1.6.0-openjdk.x86\_64/bin/java

3 /opt/jdk1.8.0\_171/bin/java

**Enter to keep the current selection[+], or type selection number: 3**

Here we need to select the number 3 now at this point JAVA 8 has been successfully installed on your system.

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We also recommend to setup javac and jar commands path using alternatives

[root@localhost opt]# alternatives --install /usr/bin/jar jar /opt/jdk1.8.0\_171/bin/jar 2

[root@localhost opt]# alternatives --install /usr/bin/javac javac /opt/jdk1.8.0\_171/bin/javac 2

[root@localhost opt]# alternatives --set jar /opt/jdk1.8.0\_171/bin/jar

[root@localhost opt]# alternatives --set javac /opt/jdk1.8.0\_171/bin/javac

Now I have checked the Java Version

**[root@localhost opt]# java -version**

**java version "1.8.0\_171"**

**Java(TM) SE Runtime Environment (build 1.8.0\_171-b11)**

**Java HotSpot(TM) 64-Bit Server VM (build 25.171-b11, mixed mode)**

**Now We have to Setup Java Environment Variables:-**

[root@localhost opt]# export JAVA\_HOME=/opt/jdk1.8.0\_171

[root@localhost opt]# export JRE\_HOME=/opt/jdk1.8.0\_171/jre

[root@localhost opt]# export PATH=$PATH:/opt/jdk1.8.0\_171/bin:/opt/jdk1.8.0\_171/jre/bin

Now Finally We have to Re-check the Java Home Directory:-

[root@localhost opt]# echo $JAVA\_HOME

/opt/jdk1.8.0\_171

[root@localhost opt]#