Java Installation setup home to Jenkins:

1. Switch to root account

Sudo su –

1. Yum install java-1.8\* (version 1.8)
2. Find java home location

Find /usr/lib/jvm/java-1.8\* | head -n 3

1. Copy the location (3rd line)
2. Go into the .bash\_profile

Vi .bash\_profile

Add

JAVA\_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.312.b07-1.amzn2.0.2.x86\_64

(PASTE THE COPIED JAVA HOME PATH)

Then IN PATH LINE ADD ($JAVA\_HOME)

Save & quite

1. Echo &PATH (it shows the old path)
2. Source .bash\_profile
3. Echo &PATH (it shows the new path variable)

Maven installation and path setup:

1. Cd /opt
2. Copy the maven tar file location link address
3. In opt directory download the maven file

Wget <https://dlcdn.apache.org/maven/maven-3/3.8.6/binaries/apache-maven-3.8.6-bin.tar.gz>

1. Untar the file

Tar –xvzf <https://dlcdn.apache.org/maven/maven-3/3.8.6/binaries/apache-maven-3.8.6-bin.tar.gz(file)>

1. Go into the bash profile file

Vi ~/.bash\_profile

Add (M2\_HOME=/opt/apache-maven-3.8.6) maven home path

M2=/opt/apache-maven-3.8.6/bin

Then in path line (:$M2\_HOME:$M2)

1. Check the home page

Echo $PATH

1. Load the maven home page

Source ~/.bash\_profile

1. Check the maven version

Mvn –version

Adding path to Jenkins server:

1. Go into the Jenkins server-global tool configuration-add jdk
2. Enter the name of the java file then enter the java home location path(in mobaxterm enter echo $ PATH is shows java home path copy then paste)
3. Click on maven enter the name of the maven then maven path location(in mobaxterm enter which maven it shows maven home path copy then paste)
4. Click on git enter the name of the git then path apply and save