**Java 1.8**

*Installation:*

sudo apt install java-1.8\* -y

*Configuration:*

#sudo su

# vi /root/.bash\_profile

Add the below lines in it:

export JAVA\_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/

export PATH=$PATH:/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/bin

# vi /home/ec2-user/.bash\_profile

Add the below lines in it:

export JAVA\_HOME=/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/

export PATH=$PATH:/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/bin

***Validation***

# cd ~

[root@ip-172-31-87-159 ~]# source .bash\_profile

[root@ip-172-31-87-159 ~]# echo $JAVA\_HOME

/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/

[root@ip-172-31-87-159 ~]# exit

exit

[ec2-user@ip-172-31-87-159 ~]$ source .bash\_profile

[ec2-user@ip-172-31-87-159 ~]$ echo $JAVA\_HOME

/usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/

[root@ip-172-31-87-159 ec2-user]# java -version

openjdk version "1.8.0\_191"

OpenJDK Runtime Environment (build 1.8.0\_191-b12)

OpenJDK 64-Bit Server VM (build 25.191-b12, mixed mode)

[root@ip-172-31-87-159 ec2-user]#

**Maven (3.6)**

*Installation:*

# cd /opt/

# wget <http://mirrors.estointernet.in/apache/maven/maven-3/3.6.0/binaries/apache-maven-3.6.0-bin.zip>

# unzip apache-maven-3.6.0-bin.zip

# mv apache-maven-3.6.0 maven

*Configuration:*

#sudo su

# vi /root/.bash\_profile

Add the below lines in it:

export MAVEN\_HOME=/opt/maven/

export M2\_HOME=$MAVEN\_HOME/bin

export PATH=$PATH:$MAVEN\_HOME/bin

# vi /home/ec2-user/.bash\_profile

Add the below lines in it:

export MAVEN\_HOME=/opt/maven/

export M2\_HOME=$MAVEN\_HOME/bin

export PATH=$PATH:$MAVEN\_HOME/bin

***Validation***

# cd ~

[root@ip-172-31-87-159 ~]# source .bash\_profile

[root@ip-172-31-87-159 ~]# echo $MAVEN\_HOME

/opt/maven/

[root@ip-172-31-87-159 ~]# exit

exit

[ec2-user@ip-172-31-87-159 ~]$ source .bash\_profile

[ec2-user@ip-172-31-87-159 ~]$ echo $MAVEN\_HOME

/opt/maven/

[ec2-user@ip-172-31-87-159 ~]$ mvn -version

Apache Maven 3.6.0 (97c98ec64a1fdfee7767ce5ffb20918da4f719f3; 2018-10-24T18:41:47Z)

Maven home: /opt/maven

Java version: 1.8.0\_191, vendor: Oracle Corporation, runtime: /usr/lib/jvm/java-1.8.0-openjdk-1.8.0.191.b12-0.42.amzn1.x86\_64/jre

Default locale: en\_US, platform encoding: UTF-8

OS name: "linux", version: "4.14.88-72.76.amzn1.x86\_64", arch: "amd64", family: "unix"