Installation of different softwares on CentOS Linux servers:

First thing:

Sudo yum –y update

Java installations:

If you have any older version installed please remove that

Sudo yum –y remove java-<version you want to remove>

Install version you wanted to be:

Sudo yum –y install java-<version you want to install> (needs jdk to be installed)

Set JAVA\_HOME

Go to /etc/profile

Vi /etc/profile

Export JAVA\_HOME=”<path of the java>”

PATH=”$PATH:$JAVA\_HOME/bin”

Git Installations:

Sudo yum –y install git

Maven Installations:

Cd /usr/local/src

Download maven version required from official site

Wget <https://downloads.apache.org/maven/maven-3/3.6.3/binaries/apache-maven-3.6.3-bin.tar.gz>

Untar the file

Tar –xvf apache-maven-3.6.3

Set MAVEN\_HOME

Vi /etc/profile

Export MAVEN\_HOME=”<path of maven>”

PATH=$PATH:$MAVEN\_HOME/bin

Installation procedure for Jenkins:

sudo wget -O /etc/yum.repos.d/jenkins.repo \

https://pkg.jenkins.io/redhat-stable/jenkins.repo

sudo rpm --import https://pkg.jenkins.io/redhat-stable/jenkins.io.key

sudo yum upgrade

sudo yum install jenkins java-1.8.0-openjdk-devel

sudo systemctl daemon-reload

sudo systemctl start Jenkins

sudo systemctl status Jenkins

sudo firewall-cmd --permanent --zone=public --add-port=8080/tcp

sudo firewall-cmd –reload

Please execute above commands and run below url to access the Jenkins through browser

http://<ipv4-address>:8080

sudo cat /var/lib/jenkins/secrets/initialAdminPassword

if you don’t have permissions please change the permissions of initialAdminPassword file.