**Reference URL s:**

1. install Jenkins in redhat linux instances

https://pkg.jenkins.io/redhat/

**Jenkins redhat packages:**

1. sudo wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat/jenkins.repo
2. sudo rpm --import <https://pkg.jenkins.io/redhat/jenkins.io.key>
3. yum install java-11-openjdk-devel
4. yum install Jenkins -y (yum install --skip-broken --nobest Jenkins)
5. sudo yum install git maven –y (if required)
6. sudo systemctl enable jenkins
7. sudo systemctl status Jenkins
8. sudo systemctl start Jenkins
9. copy the public ip of Jenkins instances and paste any browser

public\_ip:8080

copy the path of the key

1. cat /var/lib/jenkins/secrets/initialAdminPassword
2. copy the key and paste in Jenkins server save and continue

**Configure maven with Jenkins:**

**Or refer {https://sharadchhetri.com/install-setup-maven-linux-jenkins/}**

1. Downloading the apache maven latest version go official website of maven

<https://maven.apache.org/download.cgi>

1. Copy the 1st ling address

<https://dlcdn.apache.org/maven/maven-3/3.8.4/binaries/apache-maven-3.8.4-bin.tar.gz>

1. Go to the terminal the paste the address for download the maven file

Wget <https://dlcdn.apache.org/maven/maven-3/3.8.4/binaries/apache-maven-3.8.4-bin.tar.gz>

1. Create maven installation maven directory

sudo mkdir –p /opt/maven

1. Extract the downloaded Maven binary file

Sudo tar -xvzf apache-maven-3.8.4-bin.tar.gz -C /otp/maven/ --strip-components=1

1. Create symlink to make mvn command available to all users

Sudo ln –s /opt/maven/bin/mvn /usr/bin/mvn

Mvn --version

1. Go into the Jenkins server-global tool configuration-maven installtions
2. Enter the name for maven the enter the path for maven home(/otp/maven) apply save

**Configure git with Jenkins:**

1. Yum install git –y
2. Which git
3. Copy the path of the git home
4. Go into the Jenkins server –global tool configuration-git
5. Paste the git path apply save