**Crete an ec2 instance amazon linux(consider as master) with security grp allows(ALL TRAFFIC)**

**Install Java**

# yum install java-1.8\*

## Install Jenkins

# yum -y install wget

# wget -O /etc/yum.repos.d/jenkins.repo https://pkg.jenkins.io/redhat-stable/jenkins.repo

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

# yum -y install jenkins

### Start Jenkins

# systemctl start jenkins

# systemctl enable jenkins

# yum install git

**Check in browser using**

# http://YOUR-SERVER-PUBLIC-IP:8080

* Password Location:

# cat /var/lib/jenkins/secrets/initialAdminPassword

1. Copy the passwd and paste it in brower don’t make any changes copy the passwd as it is.
2. Install 1st option install suggestion plugin
3. Create a first admin user

Launch 2more ec2 instance (consider as 2 slaves)

* go to the Jenkins terminal
* Jenkins---🡪manage Jenkins--🡪global security--🡪agent---🡪random---🡪save
* Manage node--🡪new node on left--🡪slave-1---🡪permanent agent--🡪ok
* Launch method--🡪launch agent by connection to its master
* Directory path--🡪 /home/ec2-user/jenkins--🡪save
* Add another new node -🡪slave2--🡪copy existing node
* Remote root directory-🡪/home/ec2-user/jenkins-🡪save
* Now go back and click on slave1--🡪download agent.jar---🡪

CONNECT TWO SLAVE INSTANCE IN MOBAXTREAM

1.Open filezilla app add the agent.jar file of slave1 in ec2-user by connecting with slave1 instance.

* Again Now go back and click on slave2--🡪download agent.jar---🡪

2.Open filezilla app add the agent.jar file of slave2 in ec2-user by connecting with slave2 instance.

(inside filezilla connect by going to edit--🡪settings--🡪sftp--🡪add keyfile9

Then file copy the ip address and paste it and browse pem file)

Go to TWO SLAVE INSTANCE IN MOBAXTREAM

#ls (check the agent.file in CLI)

#yum install java-1.8\* (same for slave2)

Go back to the jenkins slave1 copy command(same for slave2)

#paste the copy command on CLI (same for slave2)

GO TO THE GITHUB COPY THE REPOSITORY HTTP LINK OF PROJECT

AGAIN GO BACK TO THE JENKINS create new job

* (name the job)---🡪githubproject-🡪paste http link of git---🡪source code manager--🡪git--🡪repo url--🡪paste the same http url--🡪tick on restrict where this project can be run-🡪label expression(slave1)--🡪save
* Go to Jenkins ---🡪manage jenkinks---🡪global configuration tool--🡪git-🡪/usl/bin/git
* Go to main dashboard--🡪build now.