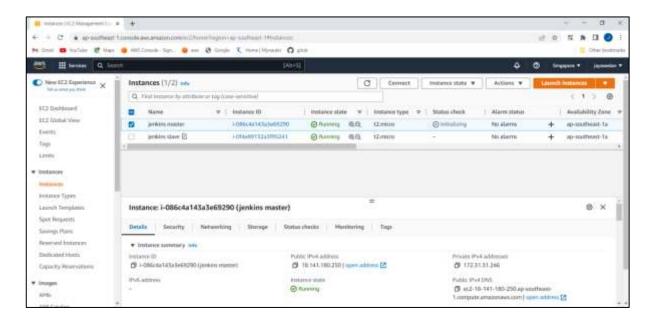
### Jenkins master slave architecture

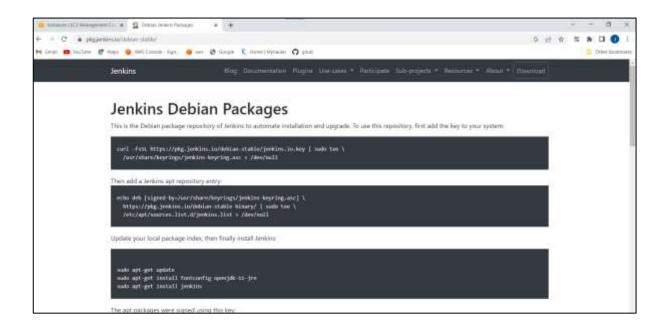
Step1:Launch Two Ec2 Ubuntu Server At A Time

Name 1.jenkins master and 2.jenkins slave --->key(.pem) Security(all tcp) ---->storage(30gb)--->launch instance



Step2:login jenkin master server using pem key convert ppk

And install java and Jenkins using Ubuntu commands(google--->Jenkins.io -->download-->Ubuntu/debian click--->commands shown that command use

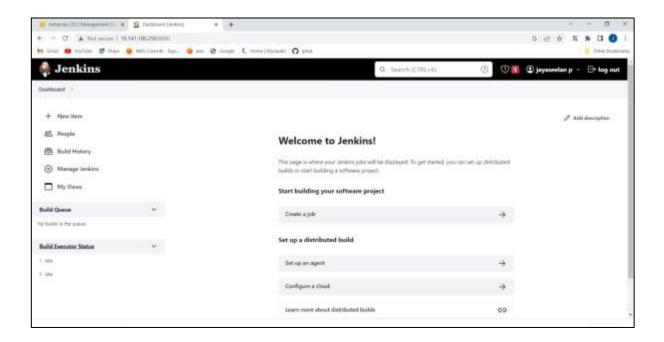


After java and Jenkins install put public ip:8080 put chrome open Jenkins page --> 18.141.180.250:8080

Now password put using

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

Set username and password --->continue



# Step3:Login Jenkin Slave Server

Install only java ---> #sudo apt-get install fontconfig openidk-11-jre

#mkdir seelan --->cd seelan --->pwd -->shown current directory location

```
* Depter: https://ubunts.com/advantage

fyrtom information us of sun rob 12 06:45:07 UTC 2023

Pyrtom load: 0.0

Processes: 100

Pages of /: 6.58 of 28.08 of 100 Processes: 100

Pages of /: 6.58 of 28.08 of 100 Processes: 100

Memory usage: 28

* Ubunt fro delivers the most comprehensive open source security and compliance features.

https://ubunts.com/add/pro

* Introducing Expanded Security Maintenance for Applications.

Ractive updates to use 25.000 inflower security such that Urc subscription. Free for personal use.

https://ubunts.com/add/pro

Expanded Security Maintenance for Applications is not enabled.

0 opdates can be applied immediately.

Rest Logista can be applied immediately.

Per Poince '72.04.1.370' available.

Res 'times' '72.04.1.370' available.

Run 'do-release-upgrade' in upgrade to it.

Last Logist un feb 12 06:11:21 2022 from 157.31.197.711

thattudin-12-31-24-195:4 detir seelen

ubuntudin-12-31-24-195:4 detir seelen

ubuntudin-12-31-24-195:5 detain pud

//home/ukunta/seelen
```

### Step4:Master Server

Now create two file

#touch id\_rsa.pub

#touch id\_rsa

Now copy authorized\_keys id\_rsa.pub

#cp authorized\_keys id\_rsa.pub

Now copy pem key to --->#vi id\_rsa

#chmod 400 \*

#ssh localhost --->shown ip in last line

```
## Constraints of the post private any like are too appear.

It is retained that your private any like are not appear.

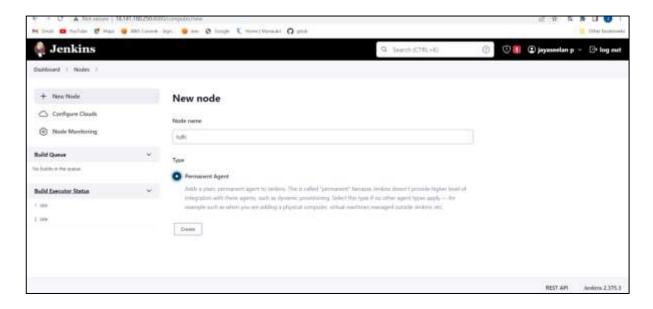
It is private any will be appeared.

It is a summer and will be a summer and will be appeared.

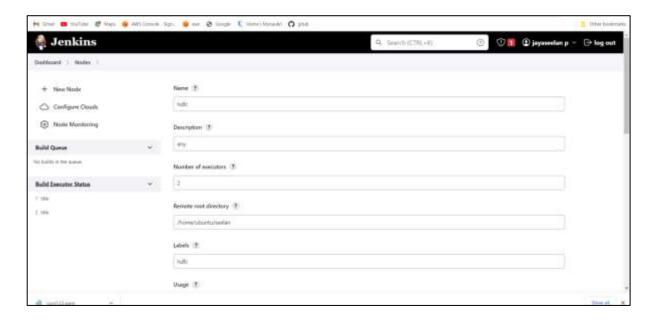
It is a summer and will be a summer and will be appeared.
```

### **Step5:**Jenkins agent setup and create node

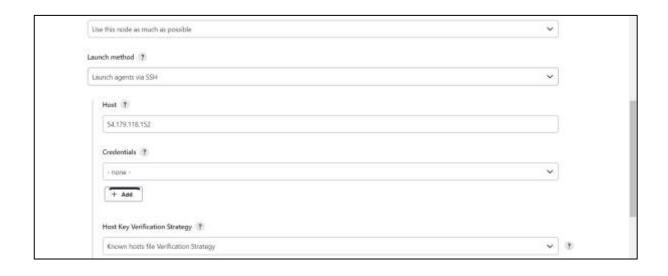
Jenkin dashboard --->manage jenkin--->set up agent--->node name(hdfc)---->click permanent agent--->create.



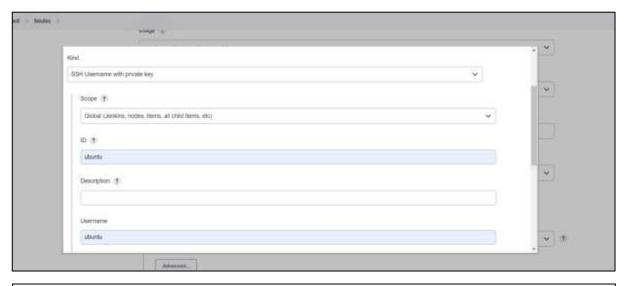
Name(hdfc)---->description(any)---->number of executors(2)---->remote root directory(slave server creating directory path ----> /home/ubuntu/seelan---->lables(hdfc)



Launch method --->select launch agent via ssh--->host(slave server ip)--->

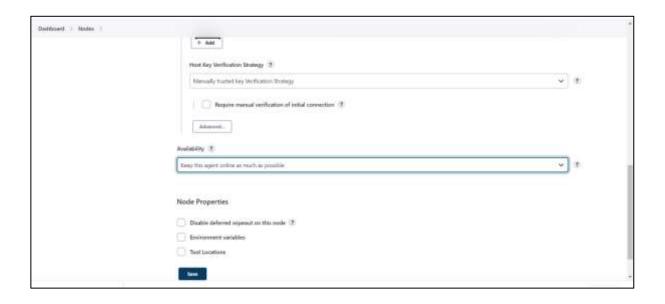


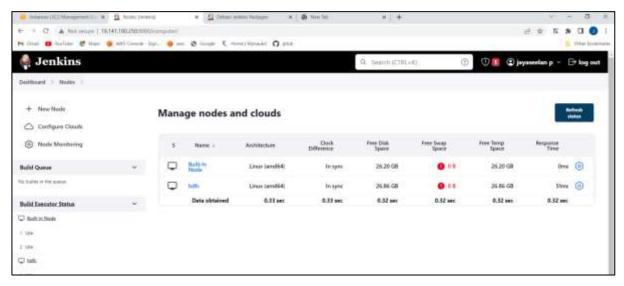
Credential --->add --->Jenkins--->kind(ssh username with private key)--->id (Ubuntu) --->password(ubuntu)--->private key --->click enter directory --->add -->pem key copy and paste-->add





# Credential select Ubuntu ---> Host Key Verification Strategy (manually trusted key verification stratergy) --->save

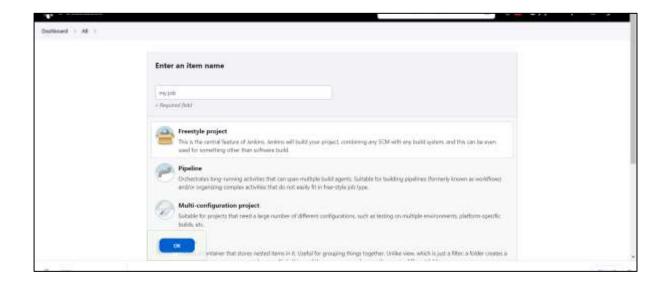




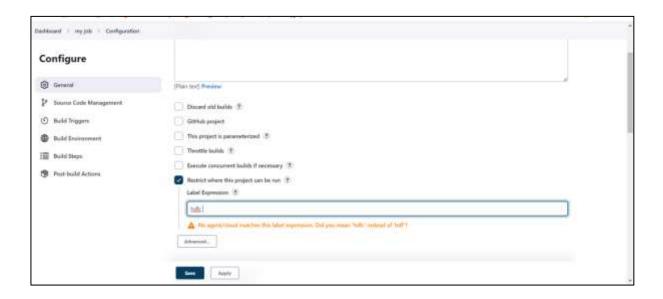
Node created..

## Step6:Create Job

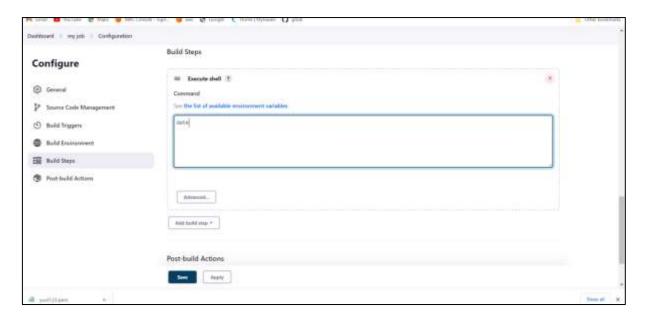
Jenkins dashboard --->new item ---> job name(my job) --->select freestyle project--->ok



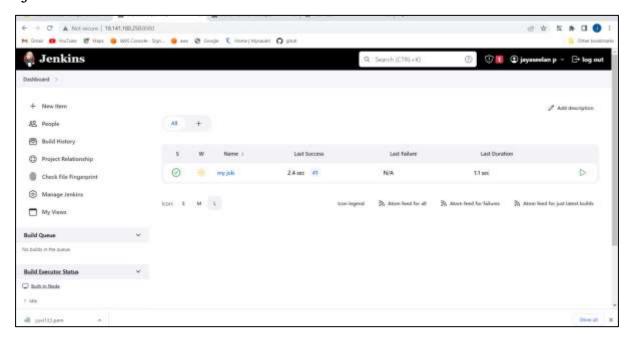
Restrict where this project can be run --->lable expression(hdfc) shown select



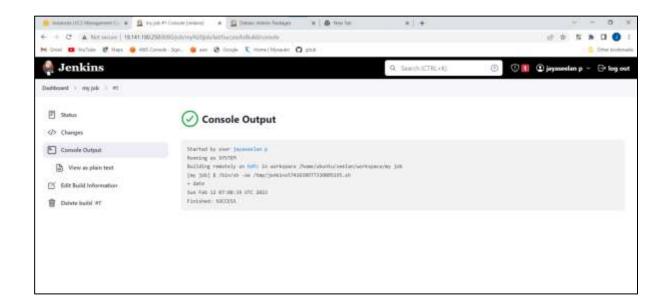
Build steps --->execute shell --->command (date)--->apply and save



#### job created and click run onetime



### check console output it will show date



Finaly check slave server #cd seelan

#11 ---->shown workspsace

#cd workspace --->#ll --->shown my job