Take two servers, server A and server B

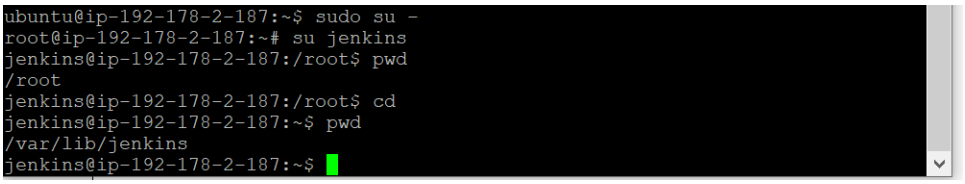
in server A: (development server)

[] install jenkins (we face one issues in install suggested plugins in server right click on top where ip address click reset terminal)

[] su jenkins **--> switch root to jenkins**

[] pwd we need to get /var/lib/jenkins

[] cd then give pwd



[] ssh-keygen –t rsa

[]enter

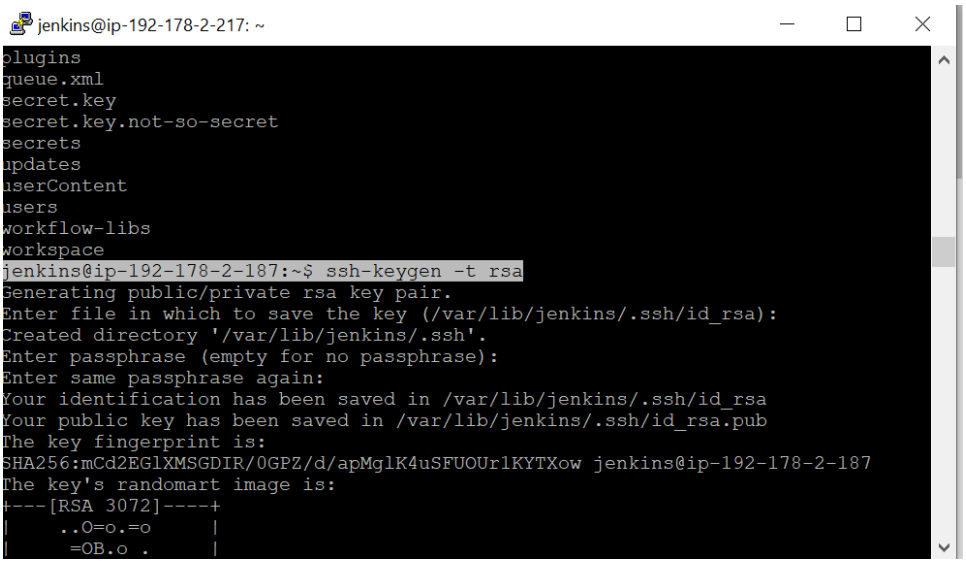
[] enter

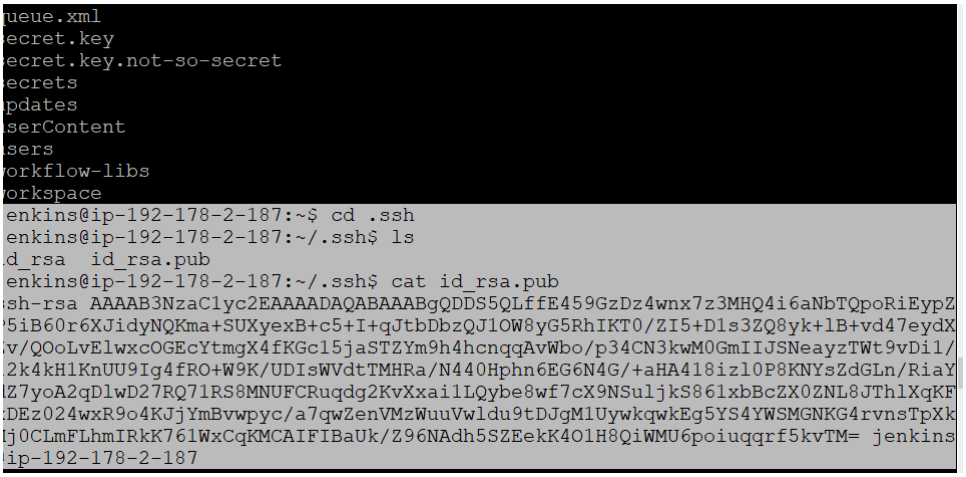
[] ls **---> check .shh file**

[] cd .ssh

[] ls **----> we get two fle id_rsa.pub(public key) and id_rsa (privet key)**

[] cat id_rsa.pub **---> copy the public key**





In Server B:(production server)

[] install java

[] useradd –m jenkins **----> create user**

root@ip-192-178-2-187:~# su jenkins

If in case we get [] $ if we get $ symbol give [] bash

jenkins@ip-192-178-2-187:**/root**$ pwd

/root

jenkins@ip-192-178-2-187:/root$ **cd** **--> come out file root**

jenkins@ip-192-178-2-187:~$ pwd

/home/jenkins **--->we need to get like**

[] ssh-keygen –t rsa

[] enter

[] enter

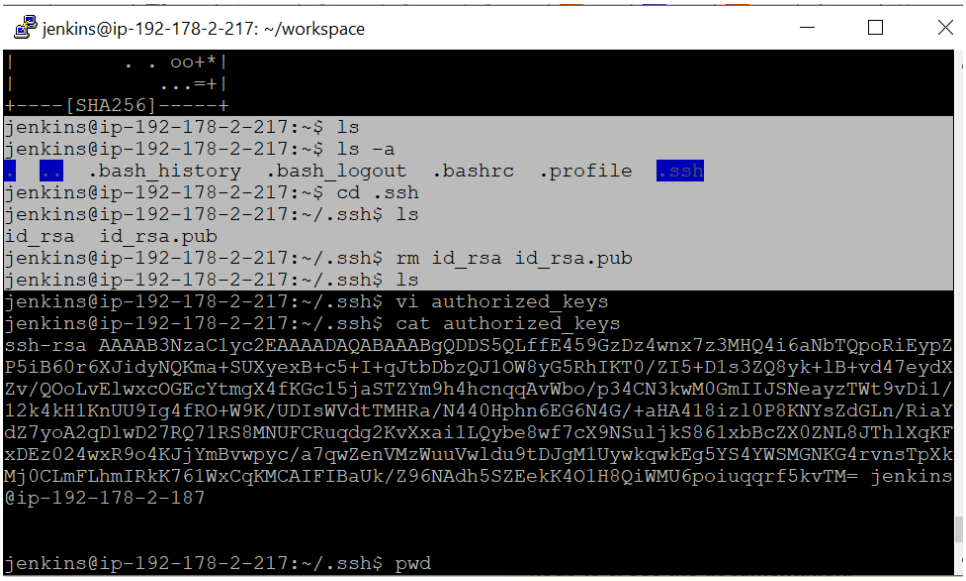
[] ls –a **----> check .ssh folder**

[] cd .ssh

[] ls ----> we get two fle id_rsa.pub(public key) and id_rsa (privet key)

[] rm id_rsa.pub id_rsa

[] vi authorized_keys **--------> past server A content of cat id_rsa.pub**

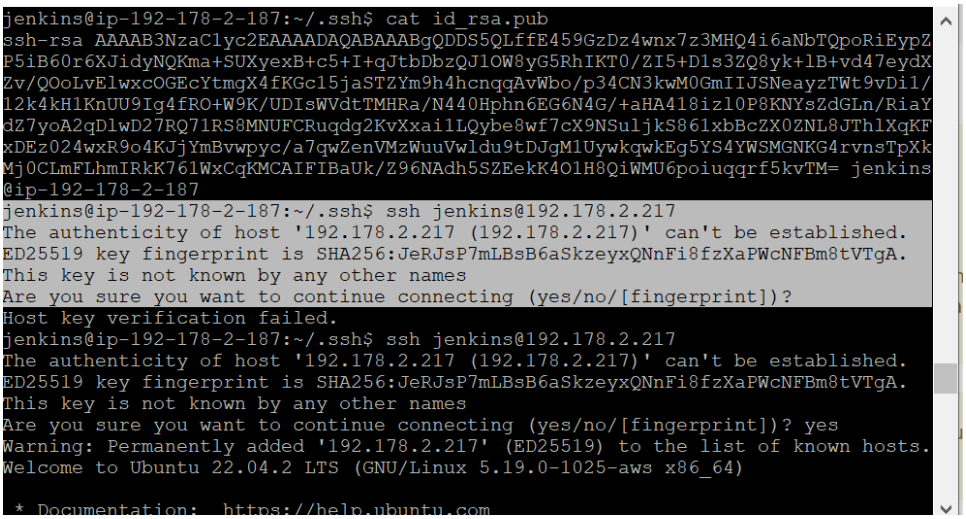


in server A: (development server)

[] ssh jenkins@serverB ip

[] give YES

[] now it connect to server B



[] exit

[] exit **----> again switch to server A**

[] ls **---> know_host and know_host.old are created**

In jenkins

[] manage jenkins

[] nodes and clouds

[] new node

[]name **--->whatever it displays as server name**

[] remote root directory

/home/jenkins/ **------> what we created in server B like useradd** jenkins

[] label **---->whatever we mention this label name in pipeline**

[] usage

Select [] only build jobs with label expressions matching this node

[] launch method

Select [] launch agent via SSH

[] host

[] ip adders of production/server B

[] credentials

[] kind

Select [] SSH username with private key

[] ID

[] description

[] username

[] jenkins **----> we created in server B**

[] private key

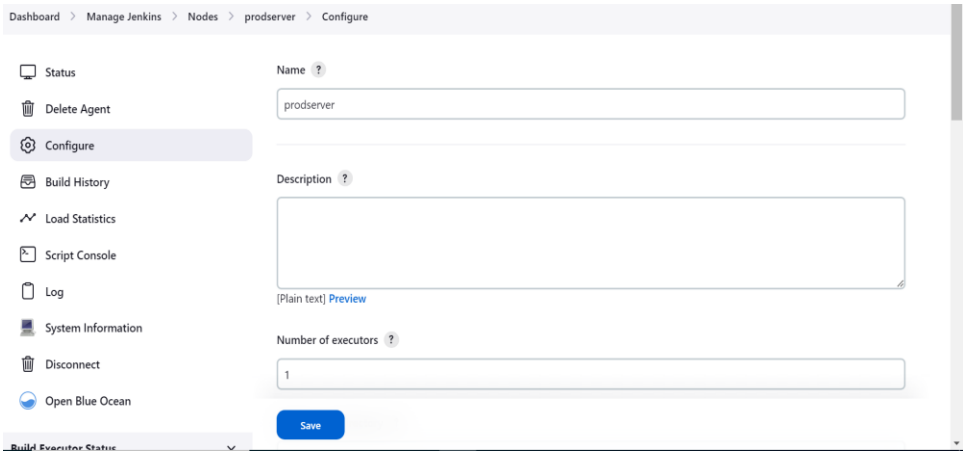
Select [] enter directly

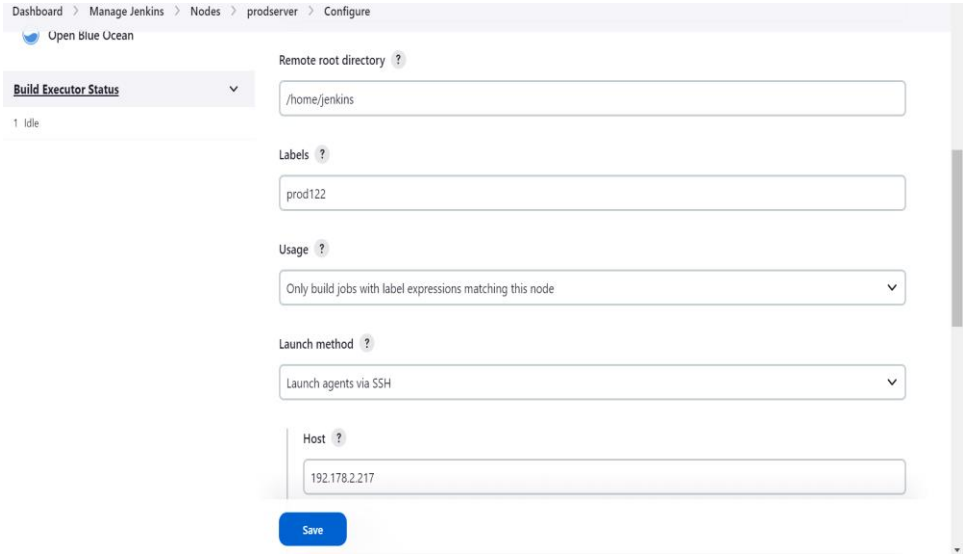
[] Add

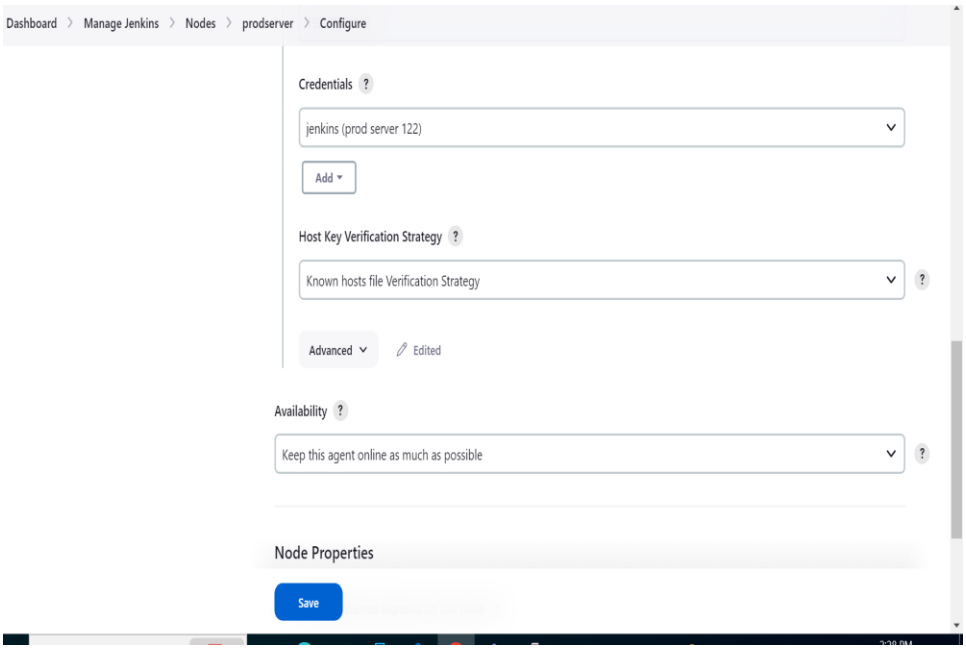
[] Past content of [] cat id_rsa

[] save

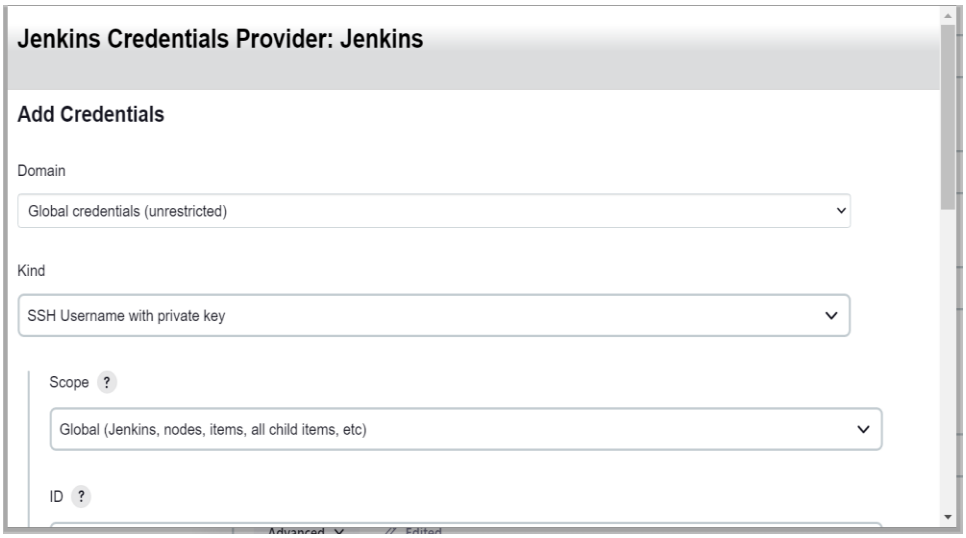
[] check in log it shows successfully connected

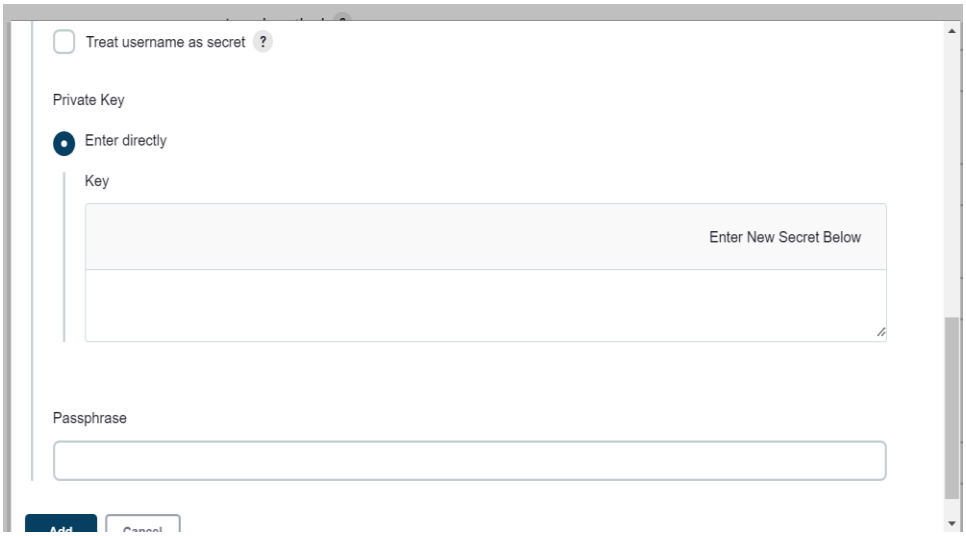






In credential:





Ex pipeline code:

```
pipeline{
   agent {label 'dev123'}  -----> what we give in node setting
   stages{
      stage('gitcheckout'){
         steps{
```

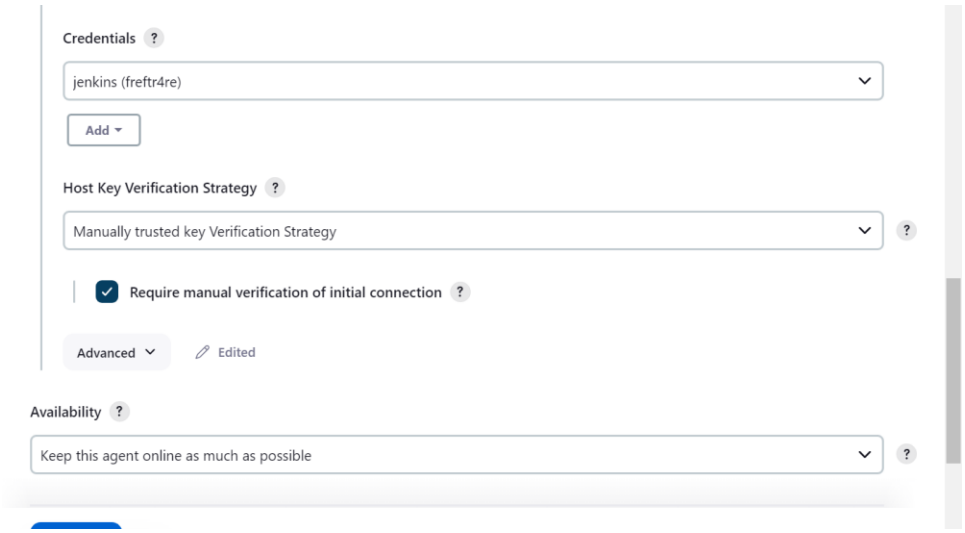
```
        git credentialsId: 'path', url:
'https://github.com/kanchana08/Dockerfile_python.git'
      }
   }
}
}
```

If we face in any issues we can follow this also

[] Follow same as above till to copy ssh private key to slave

Don’t do [] ssh jenkins@serverB ip connection

In jenkins select Host Key Verification Strategy in that select manually trusted key verification strategy select click



Availability

Keep this agent online as much as possible