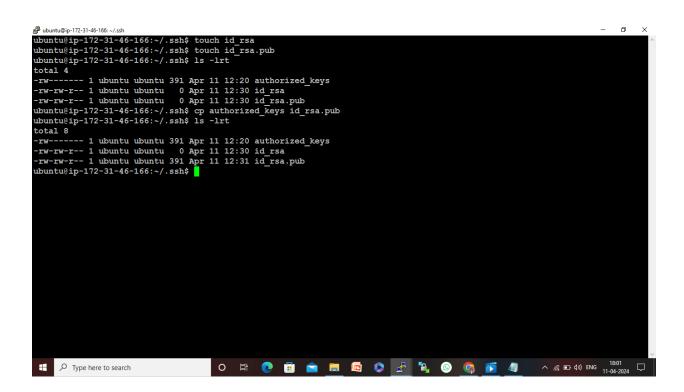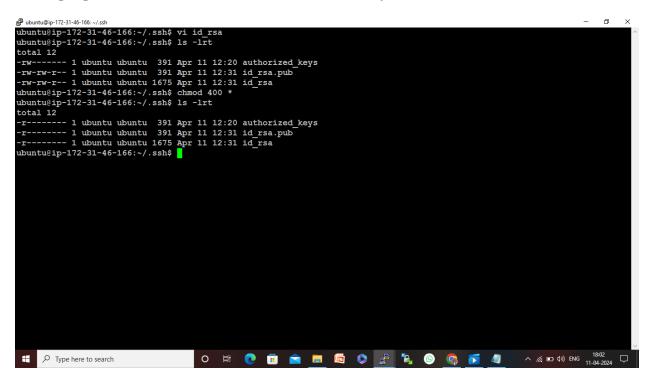# Master-slave configuration
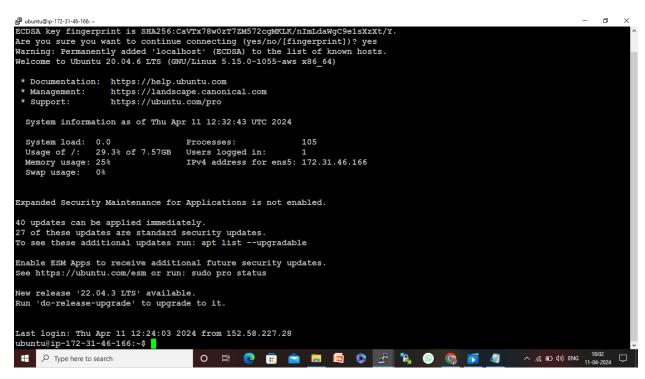
creating private and public key pairs in the SSH directory on the master.
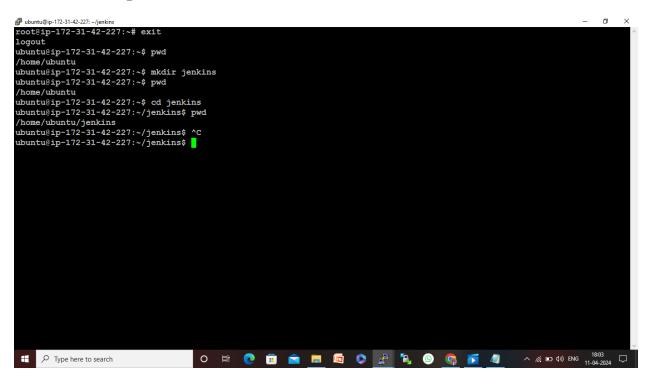
Changing the modification of those files as only as read mode.
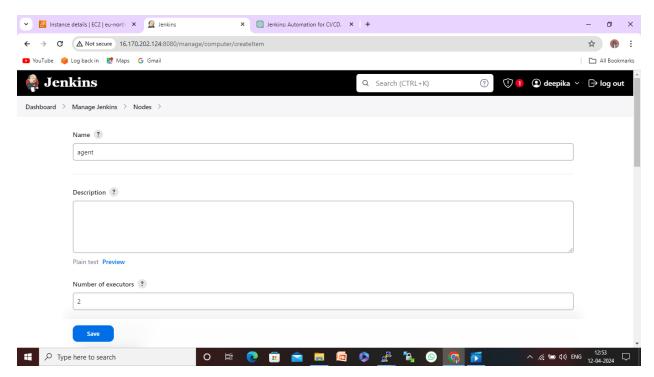


```
ubuntu@ip-172-31-46-166:~/.ssh$ vi id_rsa
ubuntu@ip-172-31-46-166:~/.ssh$ ls -lrt
total 12
-rw------- 1 ubuntu ubuntu  391 Apr 11 12:20 authorized_keys
-rw-rw-r-- 1 ubuntu ubuntu  391 Apr 11 12:31 id_rsa.pub
-rw-rw-r-- 1 ubuntu ubuntu 1675 Apr 11 12:31 id_rsa
ubuntu@ip-172-31-46-166:~/.ssh$ chmod 400 *
ubuntu@ip-172-31-46-166:~/.ssh$ ls -lrt
total 12
-r-------- 1 ubuntu ubuntu  391 Apr 11 12:20 authorized_keys
-r-------- 1 ubuntu ubuntu  391 Apr 11 12:31 id_rsa.pub
-r-------- 1 ubuntu ubuntu 1675 Apr 11 12:31 id_rsa
ubuntu@ip-172-31-46-166:~/.ssh$
```

Now taking ssh localhost to connect.


```
ECDSA key fingerprint is SHA256:CaVTx78w0zT7ZM572cgMKLK/nImLdaWgC9e1sXzXt/Y.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'localhost' (ECDSA) to the list of known hosts.
Welcome to Ubuntu 20.04.6 LTS (GNU/Linux 5.15.0-1055-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

  System information as of Thu Apr 11 12:32:43 UTC 2024

  System load:  0.0                Processes:              105
  Usage of /:   29.3% of 7.57GB    Users logged in:        1
  Memory usage: 25%                IPv4 address for ens5: 172.31.46.166
  Swap usage:   0%


Expanded Security Maintenance for Applications is not enabled.

40 updates can be applied immediately.
27 of these updates are standard security updates.
To see these additional updates run: apt list --upgradable

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status

New release '22.04.3 LTS' available.
Run 'do-release-upgrade' to upgrade to it.


Last login: Thu Apr 11 12:24:03 2024 from 152.58.227.28
ubuntu@ip-172-31-46-166:~$
```
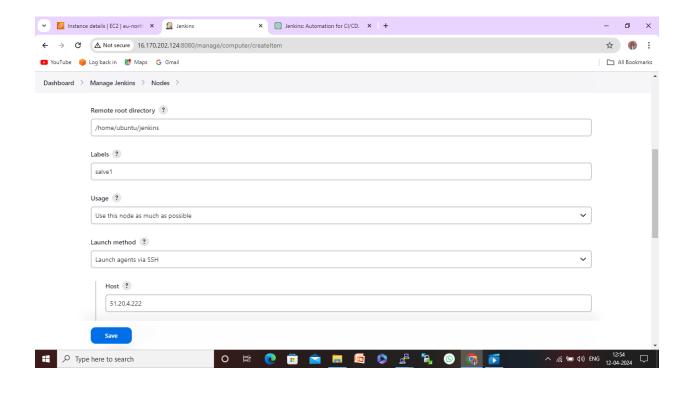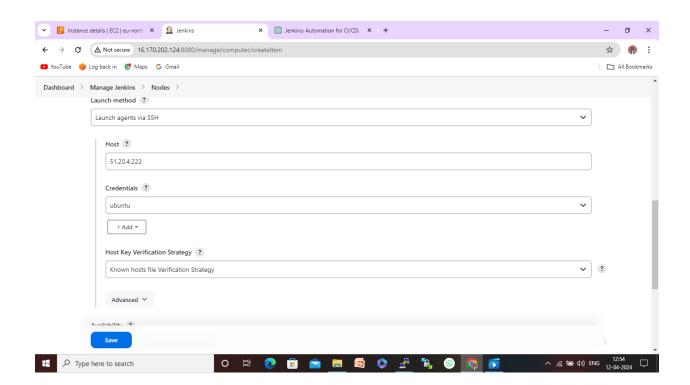
Now in the slave machine creating a remote directory for the creation of Jenkins workspace.
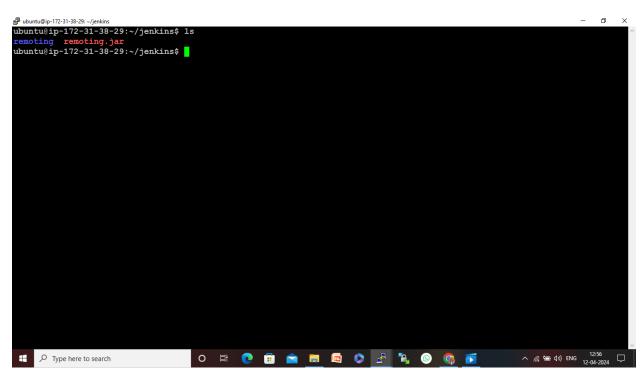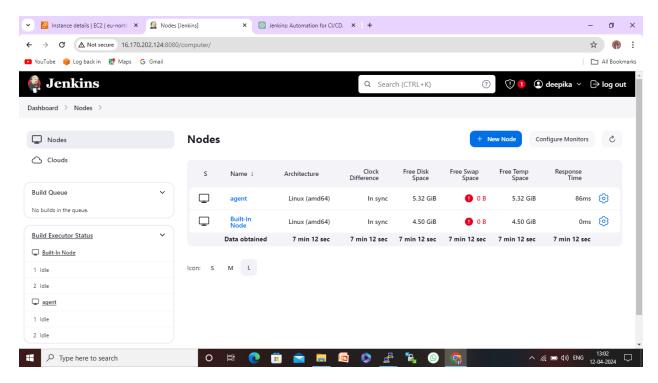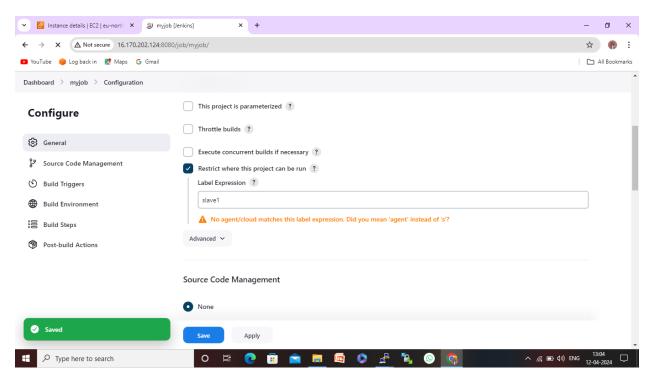

Creating a new node in Jenkins web interface.

Not secure   16.170.202.124:8080/manage/computer/createItem

YouTube   Log back in   Maps   Gmail   All Bookmarks

Dashboard > Manage Jenkins > Nodes >

Remote root directory ?

/home/ubuntu/jenkins

Labels ?

salve1

Usage ?

Use this node as much as possible

Launch method ?

Launch agents via SSH

Host ?

51.20.4.222

Save

Type here to search

12:54
12-04-2024
ENG

Not secure   16.170.202.124:8080/manage/computer/createItem

YouTube   Log back in   Maps   Gmail   All Bookmarks

Dashboard > Manage Jenkins > Nodes >

Launch method ?

Launch agents via SSH

Host ?

51.20.4.222

Credentials ?

ubuntu

+ Add

Host Key Verification Strategy ?

Known hosts file Verification Strategy   ?

Advanced

Availability ?

Save

Type here to search

12:54
12-04-2024
ENG

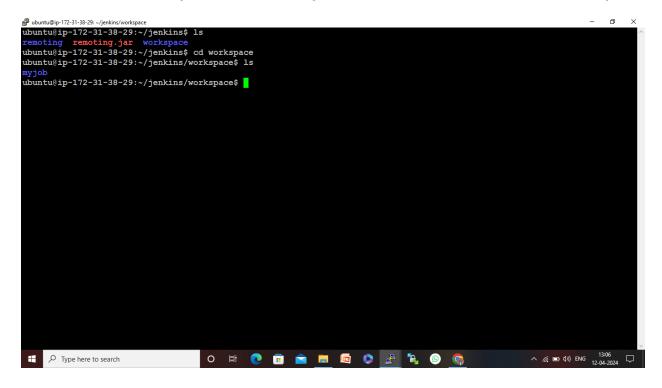**A remote workspace has been created in the slave machine.**

The agent has been created.

Configuring the job in which agent the job wants to run.

The remote directory shows the new job which is executed in this directory.

The console output of the job where its executed.