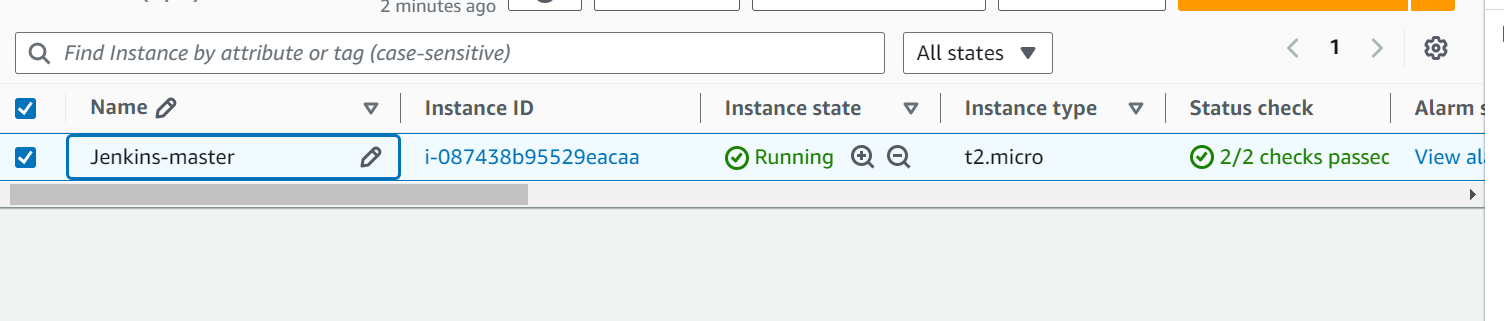
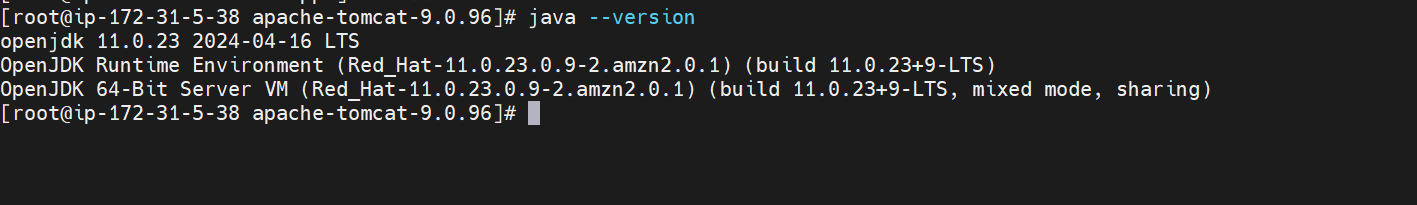
Master -slave

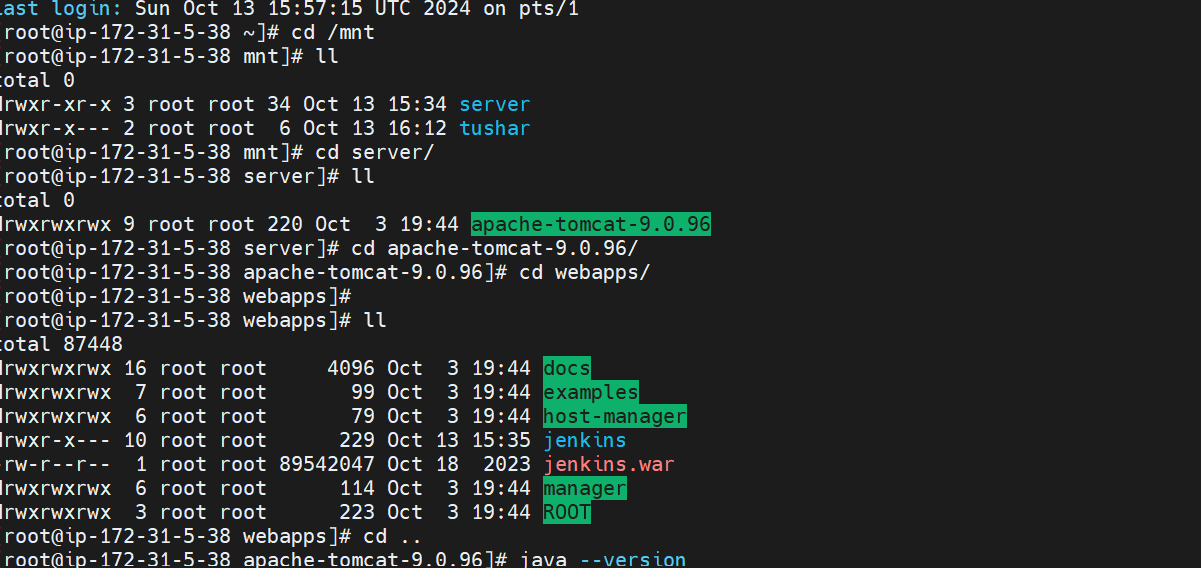
1. Create 1 ec2 instance as Master



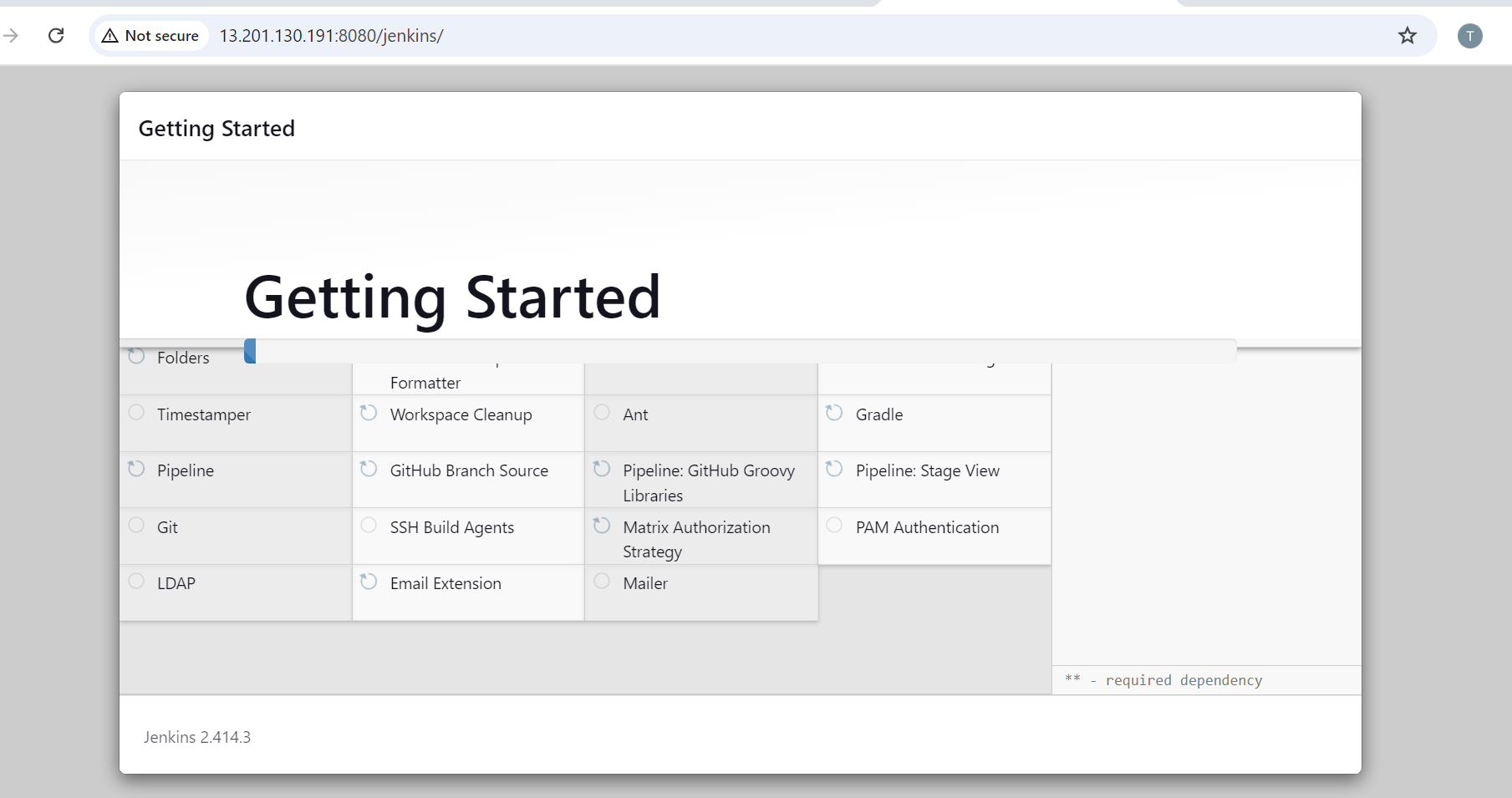
1. Install java



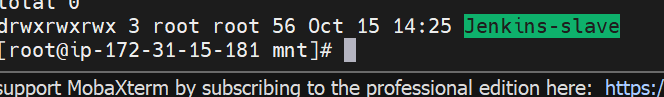
1. Install Jenkins as war application



1. Login Jenkins

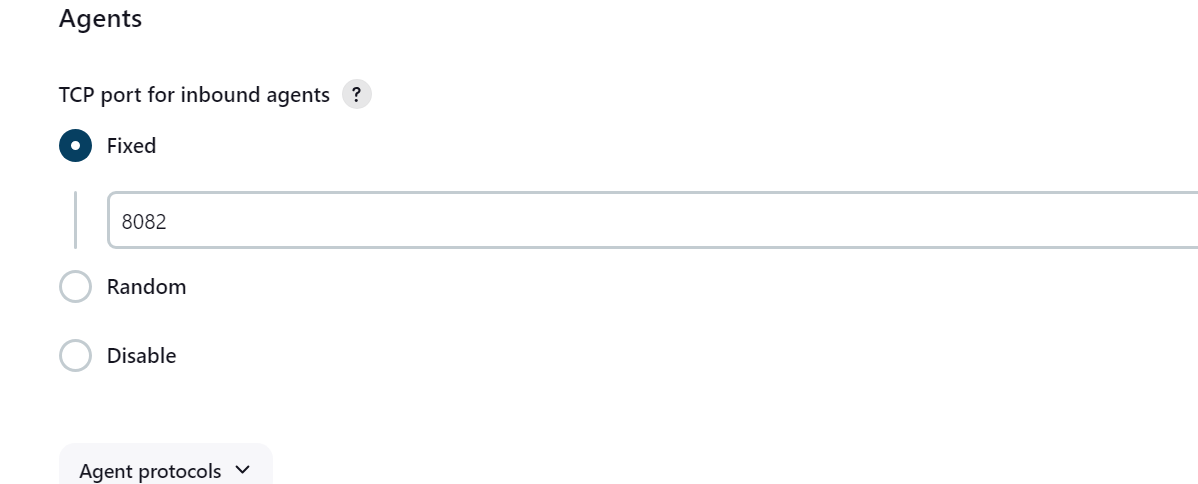


1. Create ec2 instance as Slave
2. Install java and create folder as remote repo



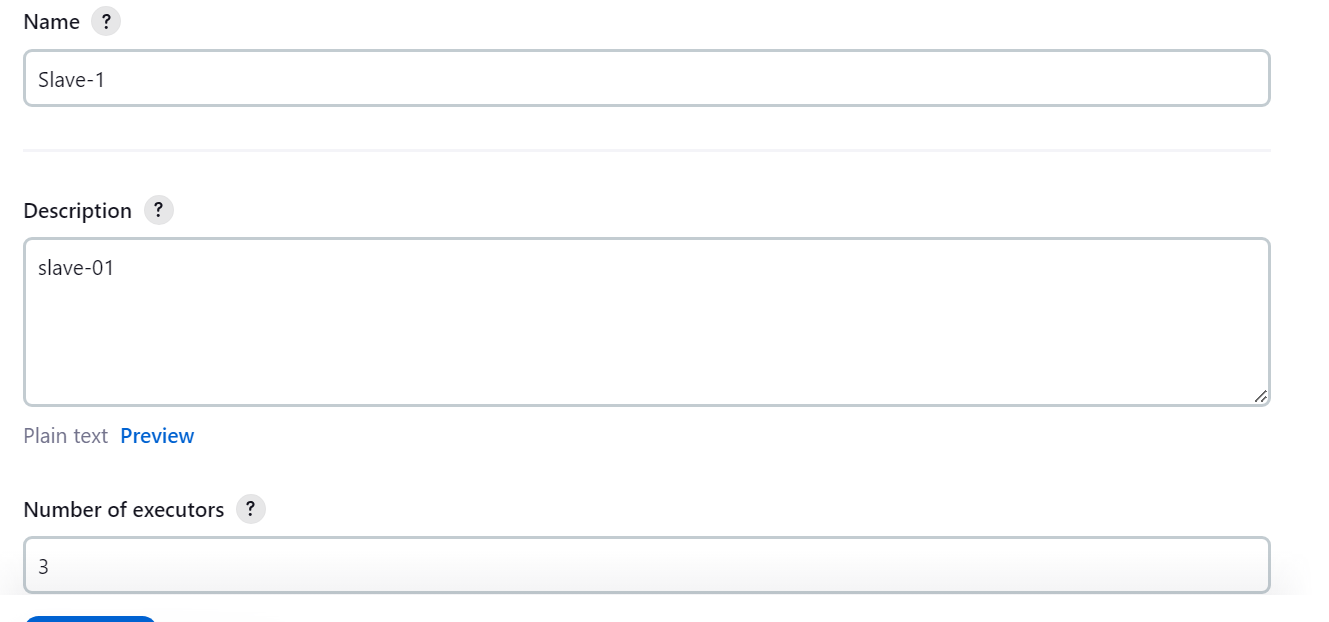
1. JNLP method

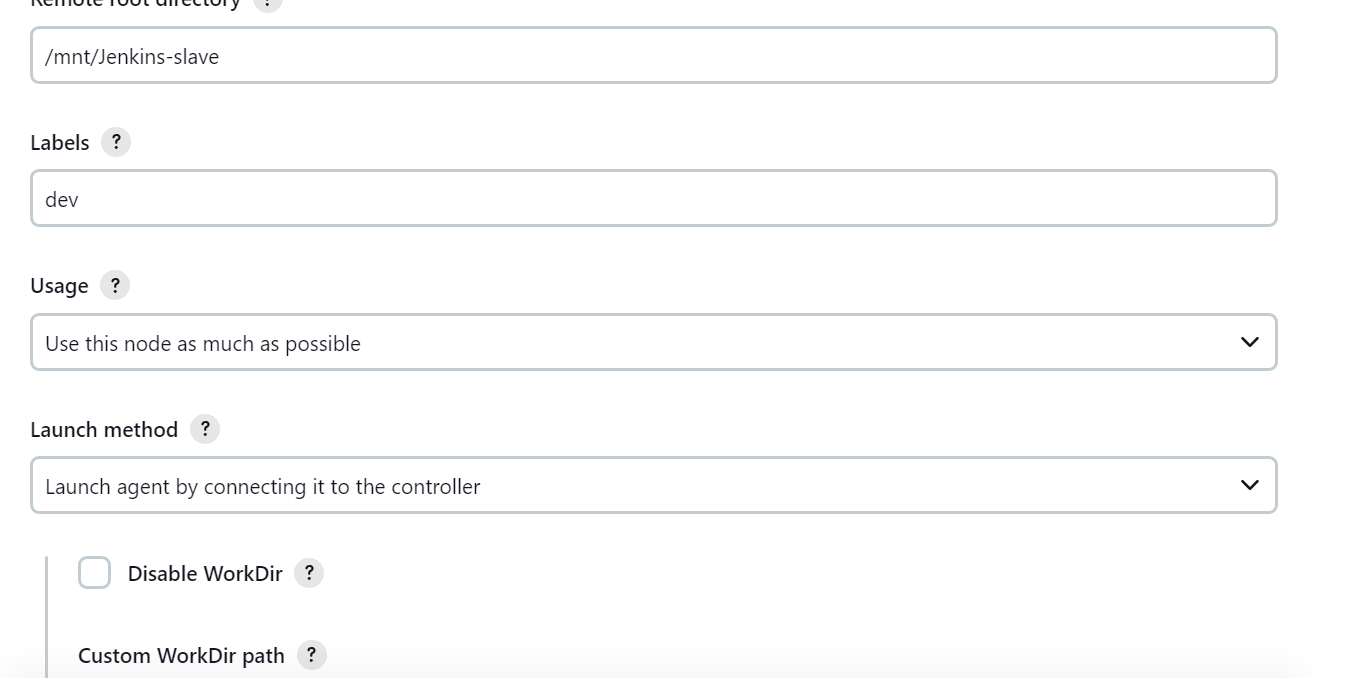
Go to Manage Jenkins → Security → Agents → select TCP port



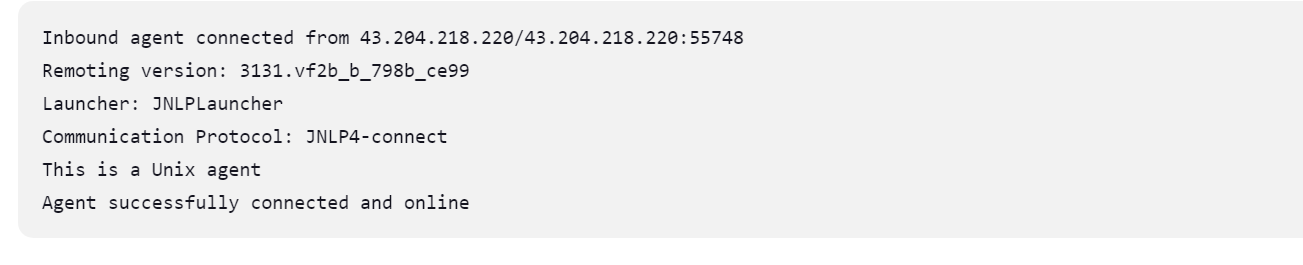
1. Create slave connection

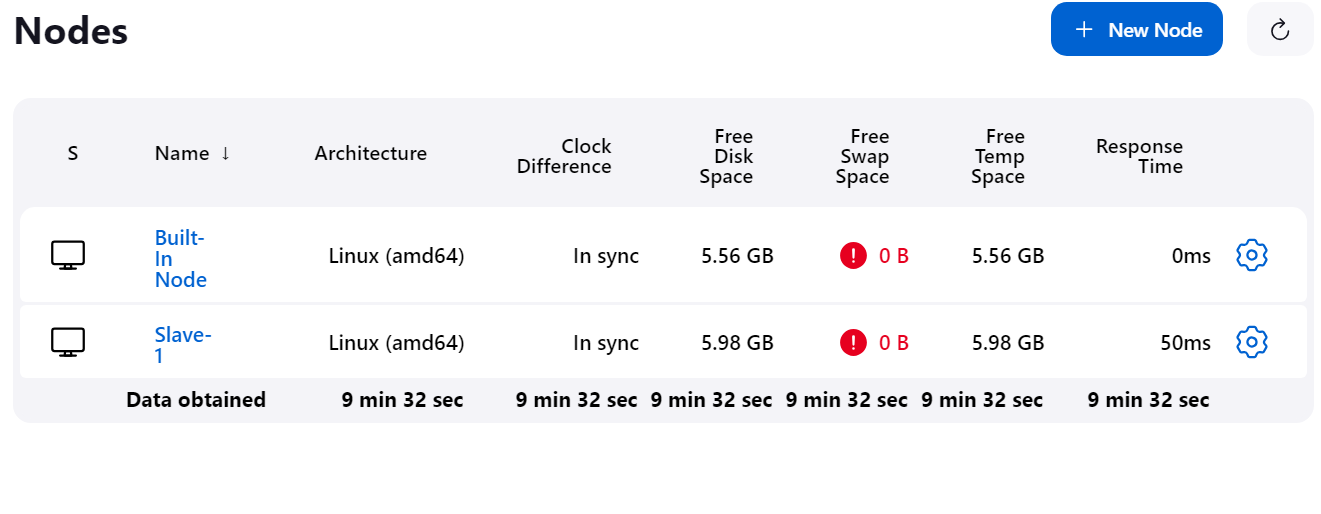
Go to - Dashboard → Manage Jenkins → Nodes



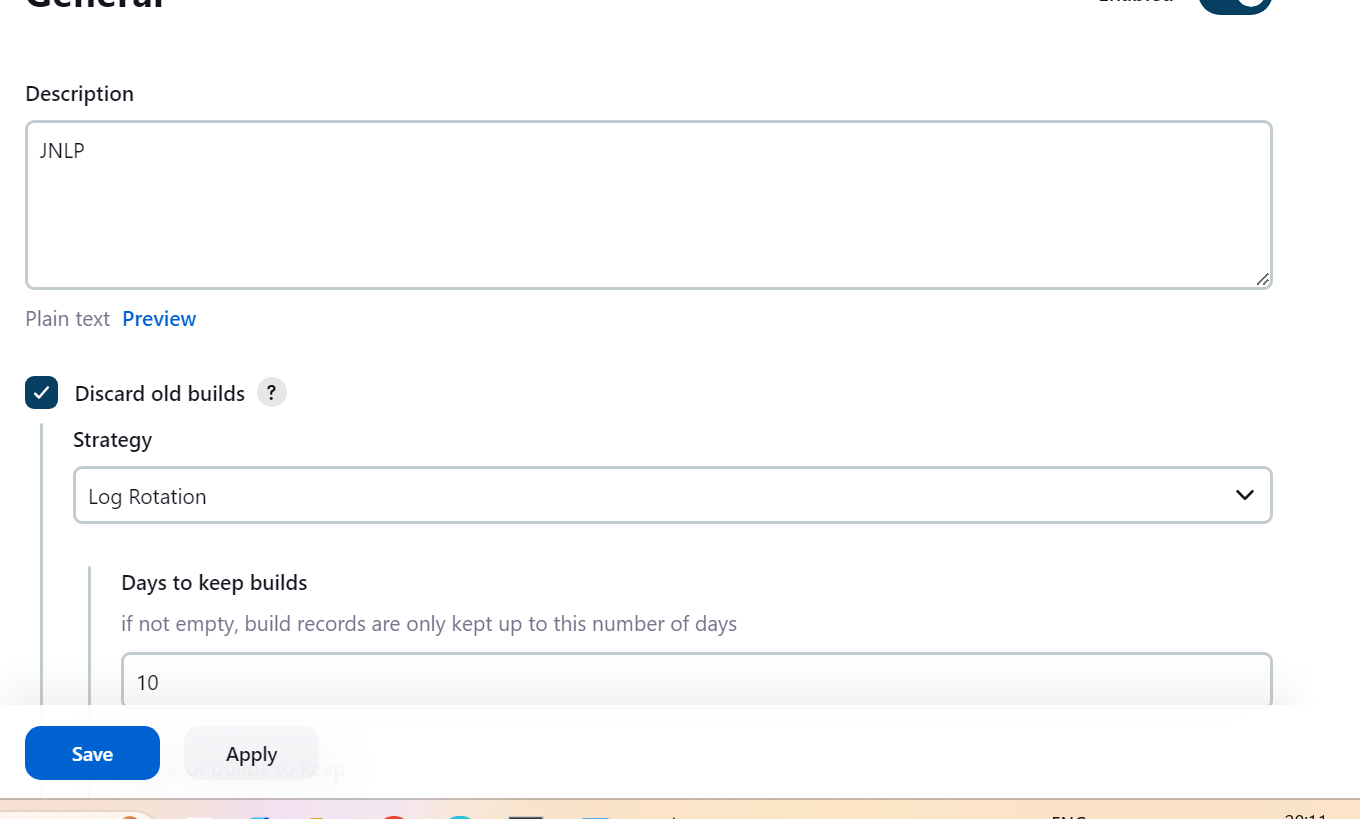


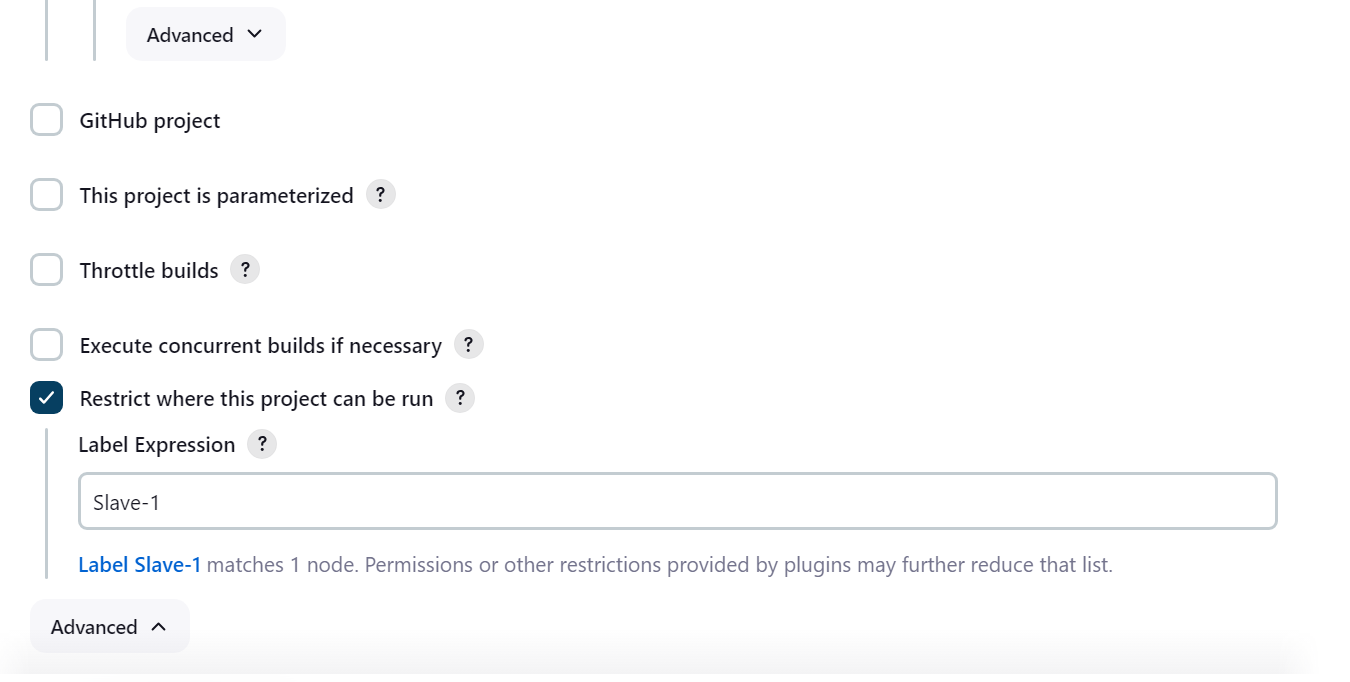
1. Run the command linux command and connect





1. Create build







1. Then build now & check

Started by user [Tushar Chavan](http://13.201.130.191:8080/jenkins/user/412tushar)

Running as SYSTEM

Building remotely on [Slave-1](http://13.201.130.191:8080/jenkins/computer/Slave-1) (dev) in workspace /mnt/Jenkins-slave/workspace/JNLP

[WS-CLEANUP] Deleting project workspace...

[WS-CLEANUP] Deferred wipeout is used...

[WS-CLEANUP] Done

[JNLP] $ /bin/sh -xe /tmp/jenkins5572664835808980290.sh

+ yum install httpd -y

Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd

Resolving Dependencies

--> Running transaction check

---> Package httpd.x86\_64 0:2.4.62-1.amzn2.0.2 will be installed

--> Processing Dependency: httpd-filesystem = 2.4.62-1.amzn2.0.2 for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: httpd-tools = 2.4.62-1.amzn2.0.2 for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: /etc/mime.types for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: httpd-filesystem for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: mod\_http2 for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: system-logos-httpd for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: libapr-1.so.0()(64bit) for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Processing Dependency: libaprutil-1.so.0()(64bit) for package: httpd-2.4.62-1.amzn2.0.2.x86\_64

--> Running transaction check

---> Package apr.x86\_64 0:1.7.2-1.amzn2 will be installed

---> Package apr-util.x86\_64 0:1.6.3-1.amzn2.0.1 will be installed

--> Processing Dependency: apr-util-bdb(x86-64) = 1.6.3-1.amzn2.0.1 for package: apr-util-1.6.3-1.amzn2.0.1.x86\_64

---> Package generic-logos-httpd.noarch 0:18.0.0-4.amzn2 will be installed

---> Package httpd-filesystem.noarch 0:2.4.62-1.amzn2.0.2 will be installed

---> Package httpd-tools.x86\_64 0:2.4.62-1.amzn2.0.2 will be installed

---> Package mailcap.noarch 0:2.1.41-2.amzn2 will be installed

---> Package mod\_http2.x86\_64 0:1.15.19-1.amzn2.0.2 will be installed

--> Running transaction check

---> Package apr-util-bdb.x86\_64 0:1.6.3-1.amzn2.0.1 will be installed

--> Finished Dependency Resolution

Dependencies Resolved

================================================================================

Package Arch Version Repository Size

================================================================================

Installing:

httpd x86\_64 2.4.62-1.amzn2.0.2 amzn2-core 1.4 M

Installing for dependencies:

apr x86\_64 1.7.2-1.amzn2 amzn2-core 130 k

apr-util x86\_64 1.6.3-1.amzn2.0.1 amzn2-core 101 k

apr-util-bdb x86\_64 1.6.3-1.amzn2.0.1 amzn2-core 22 k

generic-logos-httpd noarch 18.0.0-4.amzn2 amzn2-core 19 k

httpd-filesystem noarch 2.4.62-1.amzn2.0.2 amzn2-core 25 k

httpd-tools x86\_64 2.4.62-1.amzn2.0.2 amzn2-core 89 k

mailcap noarch 2.1.41-2.amzn2 amzn2-core 31 k

mod\_http2 x86\_64 1.15.19-1.amzn2.0.2 amzn2-core 149 k

Transaction Summary

================================================================================

Install 1 Package (+8 Dependent packages)

Total download size: 1.9 M

Installed size: 5.3 M

Downloading packages:

--------------------------------------------------------------------------------

Total 7.9 MB/s | 1.9 MB 00:00

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : apr-1.7.2-1.amzn2.x86\_64 1/9

Installing : apr-util-1.6.3-1.amzn2.0.1.x86\_64 2/9

Installing : apr-util-bdb-1.6.3-1.amzn2.0.1.x86\_64 3/9

Installing : httpd-tools-2.4.62-1.amzn2.0.2.x86\_64 4/9

Installing : httpd-filesystem-2.4.62-1.amzn2.0.2.noarch 5/9

Installing : generic-logos-httpd-18.0.0-4.amzn2.noarch 6/9

Installing : mailcap-2.1.41-2.amzn2.noarch 7/9

Installing : mod\_http2-1.15.19-1.amzn2.0.2.x86\_64 8/9

Installing : httpd-2.4.62-1.amzn2.0.2.x86\_64 9/9

Verifying : apr-util-bdb-1.6.3-1.amzn2.0.1.x86\_64 1/9

Verifying : httpd-2.4.62-1.amzn2.0.2.x86\_64 2/9

Verifying : apr-1.7.2-1.amzn2.x86\_64 3/9

Verifying : mod\_http2-1.15.19-1.amzn2.0.2.x86\_64 4/9

Verifying : apr-util-1.6.3-1.amzn2.0.1.x86\_64 5/9

Verifying : mailcap-2.1.41-2.amzn2.noarch 6/9

Verifying : generic-logos-httpd-18.0.0-4.amzn2.noarch 7/9

Verifying : httpd-tools-2.4.62-1.amzn2.0.2.x86\_64 8/9

Verifying : httpd-filesystem-2.4.62-1.amzn2.0.2.noarch 9/9

Installed:

httpd.x86\_64 0:2.4.62-1.amzn2.0.2

Dependency Installed:

apr.x86\_64 0:1.7.2-1.amzn2

apr-util.x86\_64 0:1.6.3-1.amzn2.0.1

apr-util-bdb.x86\_64 0:1.6.3-1.amzn2.0.1

generic-logos-httpd.noarch 0:18.0.0-4.amzn2

httpd-filesystem.noarch 0:2.4.62-1.amzn2.0.2

httpd-tools.x86\_64 0:2.4.62-1.amzn2.0.2

mailcap.noarch 0:2.1.41-2.amzn2

mod\_http2.x86\_64 0:1.15.19-1.amzn2.0.2

Complete!

+ echo “Job run on slave-1”

+ chmod -R 777 /var/www/html/

+ systemctl start httpd

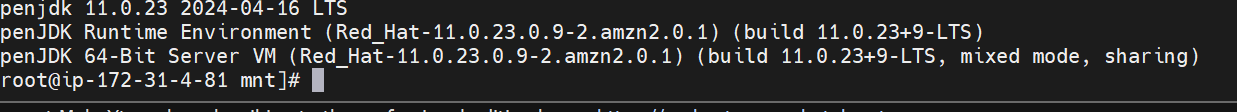
Finished: SUCCESS

1. Hit IP address of slave-1

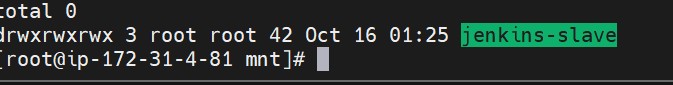


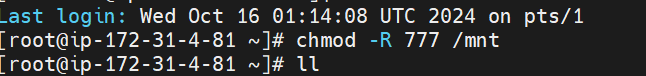
Slave configuration using SSH

1. Create ec2 instances
2. Install java



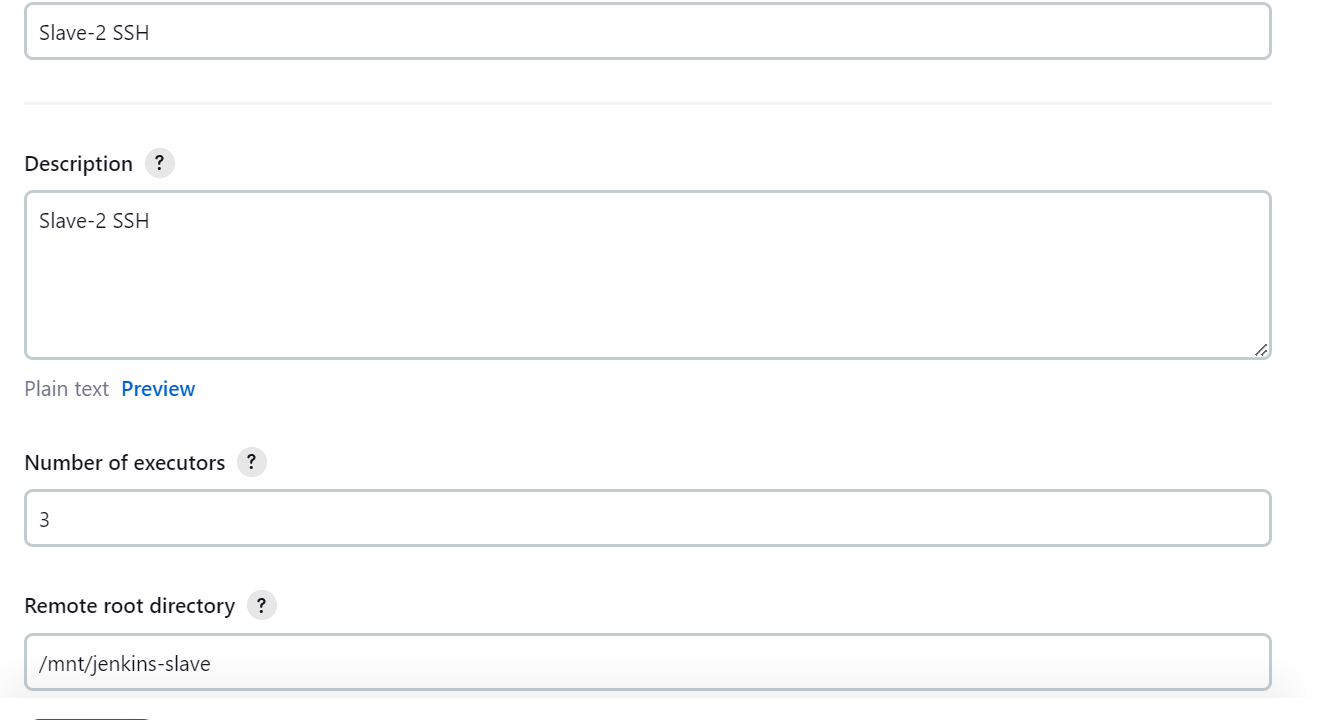
1. Create folder in /mnt and give permission to that folder

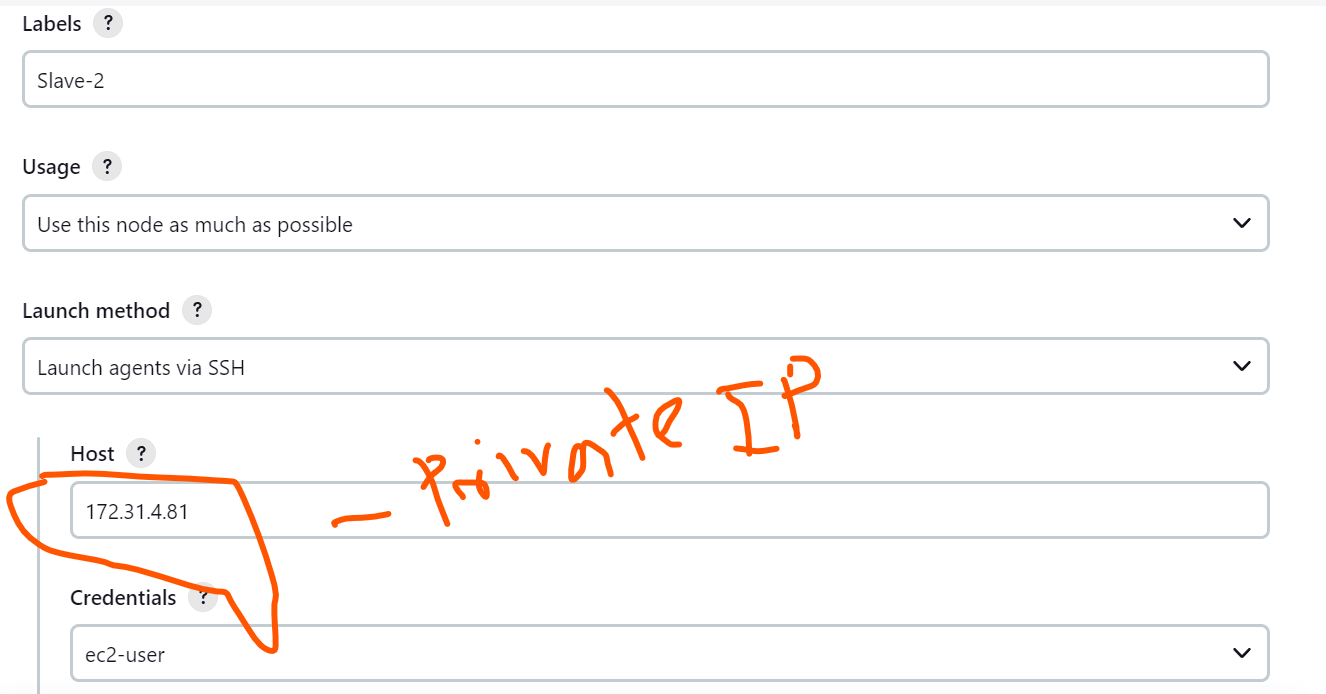




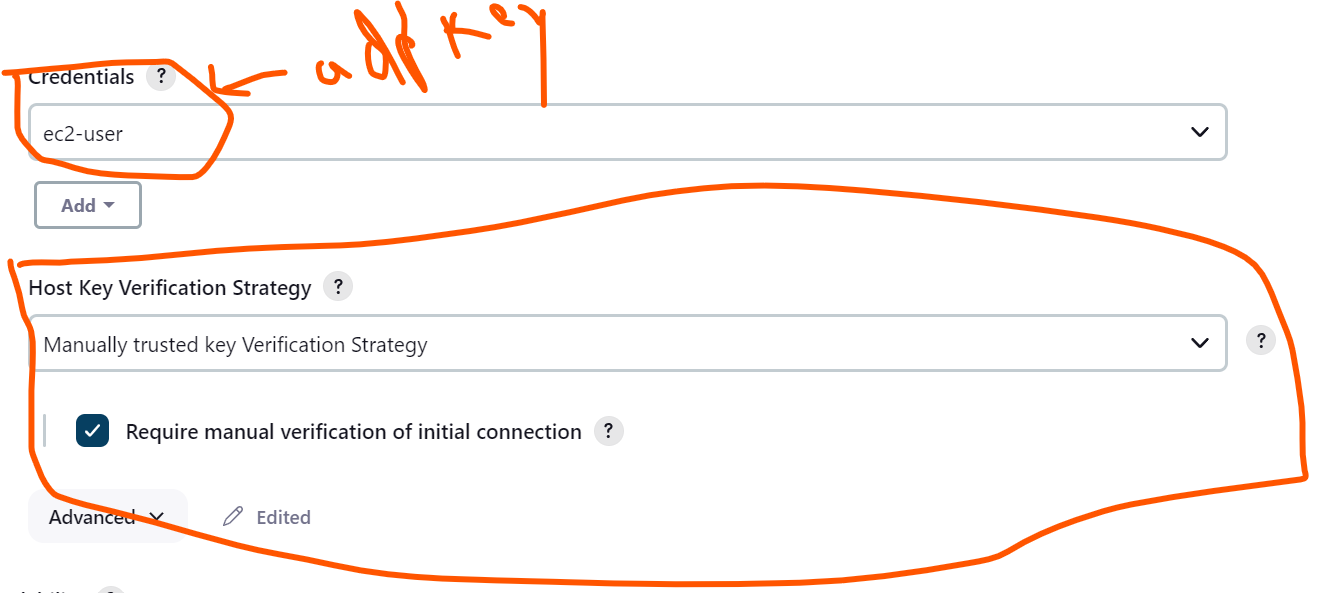
1. Setup Jenkins

Dashboard🡪mange Jenkins🡪 node 🡪 new node

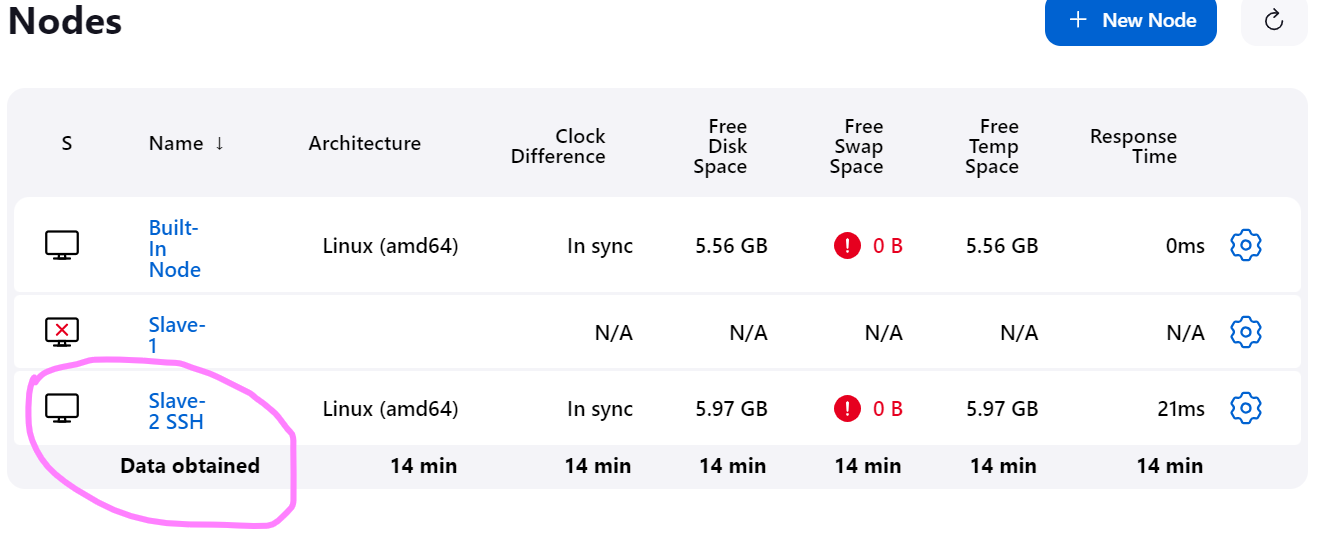




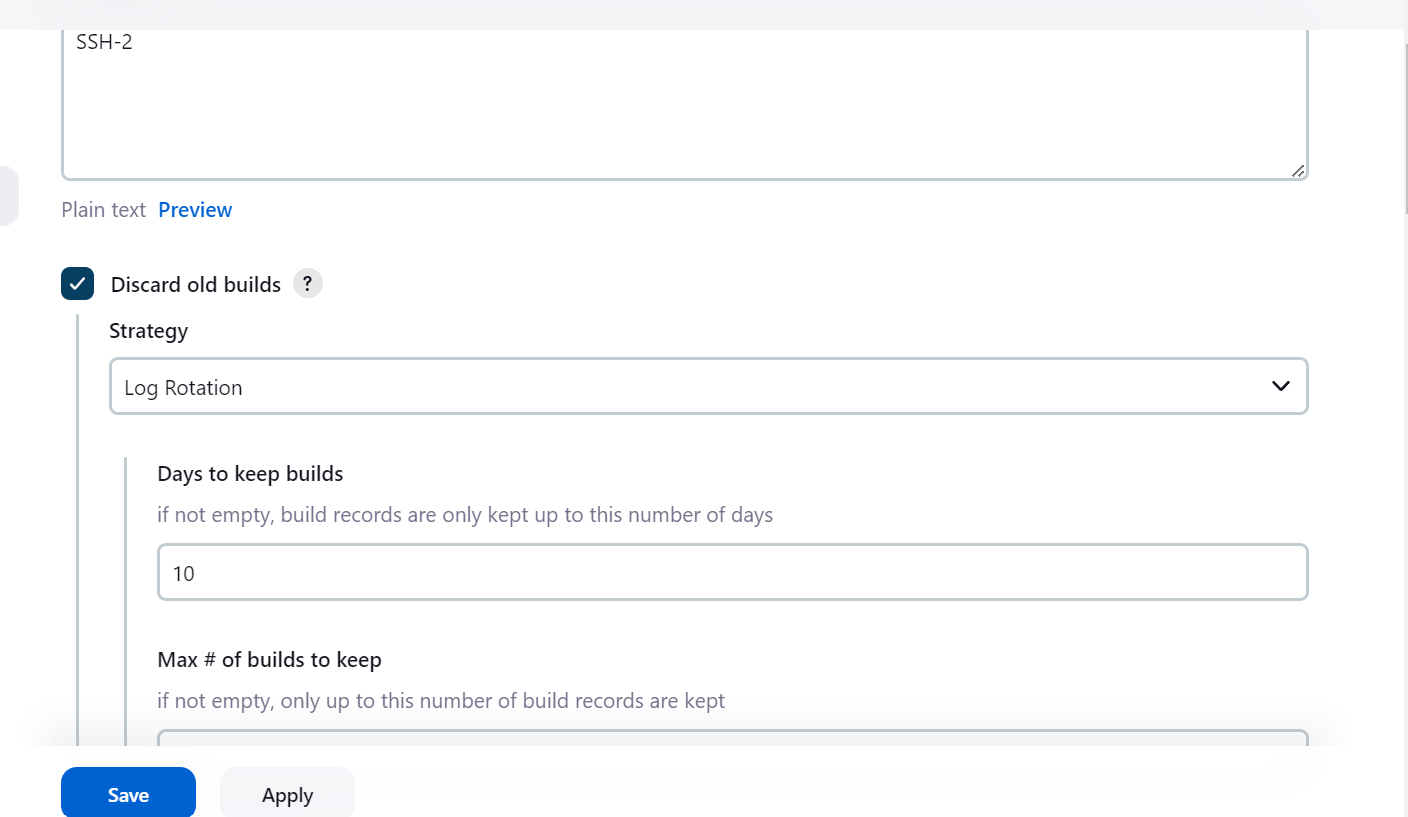
Then add credential 🡪 kind🡪 SSH username with private key 🡪 ID (ssh-key) 🡪 add username (ec2-user) 🡪Private key enter key copy .pem file and paste 🡪 add

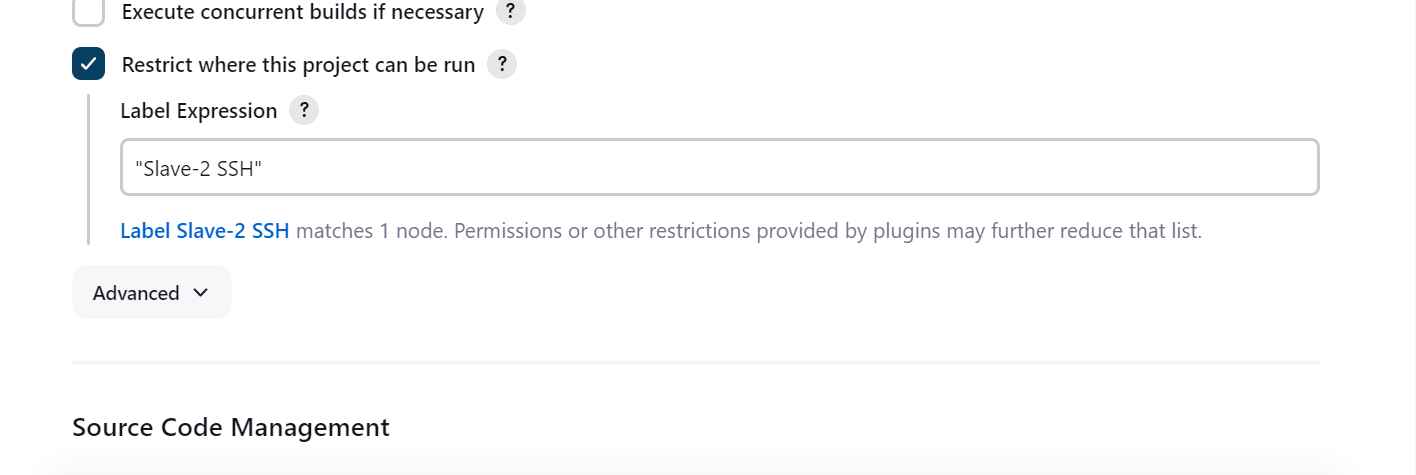


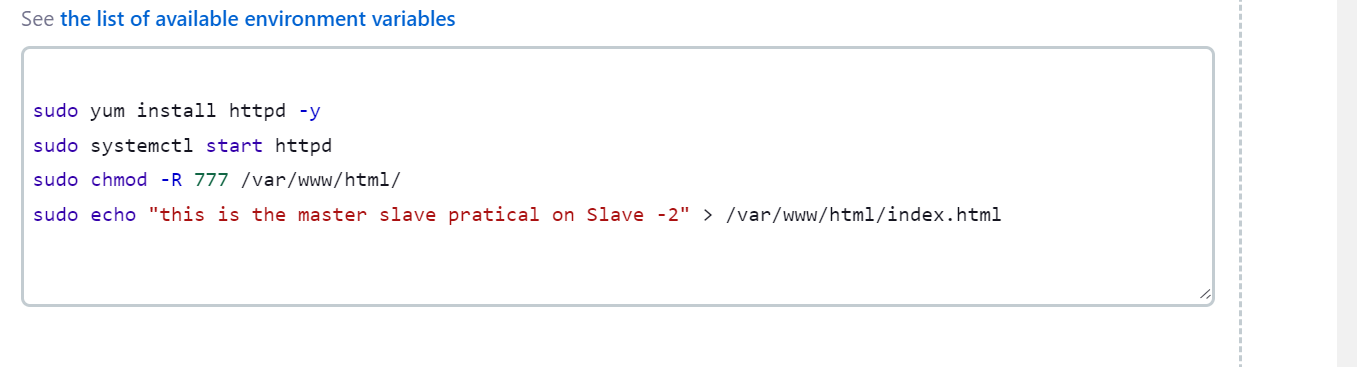
1. Open slave node 🡪 click on Trush SSH host key 🡪 click on Yes
2. Slave is connected now



1. Create one project in freesyle







1. Then build now and check output
2. tarted by user [Tushar Chavan](http://15.206.209.112:8080/jenkins/user/412tushar)
3. Running as SYSTEM
4. Building remotely on [Slave-2 SSH](http://15.206.209.112:8080/jenkins/computer/Slave-2%20SSH) (Slave-2) in workspace /mnt/jenkins-slave/workspace/SSH
5. [SSH] $ /bin/sh -xe /tmp/jenkins5043584090790574327.sh
6. + sudo yum install httpd -y
7. Loaded plugins: extras\_suggestions, langpacks, priorities, update-motd
8. Package httpd-2.4.62-1.amzn2.0.2.x86\_64 already installed and latest version
9. Nothing to do
10. + sudo systemctl start httpd
11. + sudo chmod -R 777 /var/www/html/
12. + sudo echo 'this is the master slave pratical on Slave -2'
13. Finished: SUCCESS
14. Hit Slave -2 Ip address

