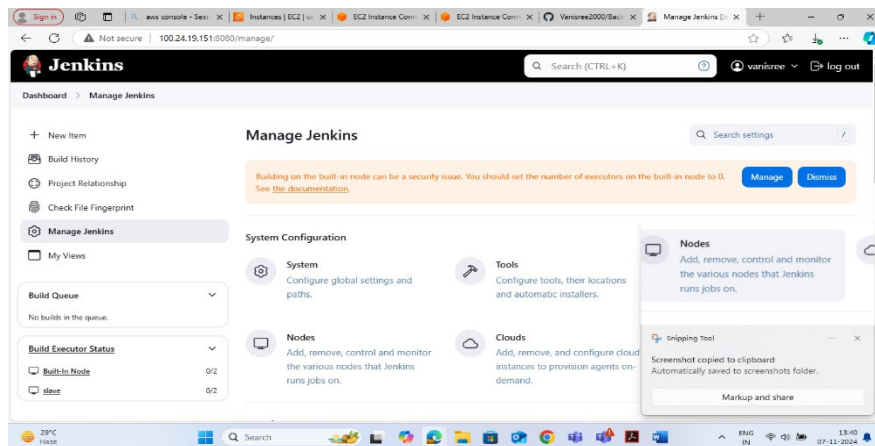
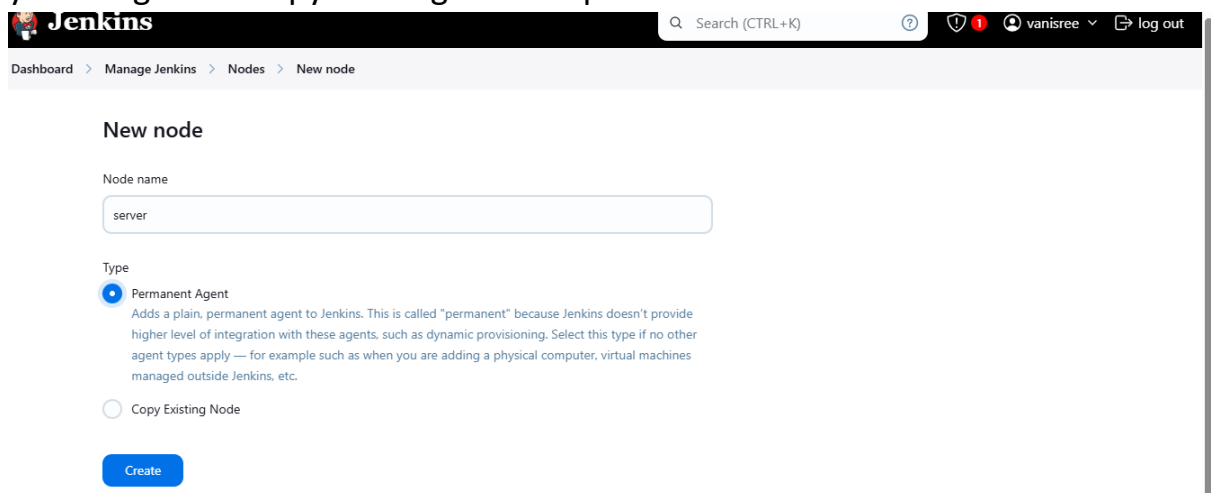


# How to configure Jenkins Master and slave Nodes

1. Click on Manage Jenkins in the left corner on the Jenkins dashboard.
2. Click on nodes.



3. select new node and enter the name of the node in the node name field.
4. select permanent Agent and click the ok button. Initially, you will get only one option, "Permanent Agent." Once you have one or more slaves you will get the "Copy Existing Node" option.



5. Enter the required Information.

Dashboard / Manage Jenkins / Nodes

Name ?

server

Description ?

server-node

Plain text [Preview](#)

Number of executors ?

2

Remote root directory ?

/home/ubuntu/jenkins

Dashboard / Manage Jenkins / Nodes

Labels ?

server-node

Usage ?

Only build jobs with label expressions matching this node

Launch method ?

Launch agents via SSH

Host ?

3.89.183.195

❗ The Host must be specified

6. Enter the hostname in the field.

7. Select the Add button to add credentials and click Jenkins.

8. Enter Username, Password, ID, and Description.

#### Jenkins Credentials Provider: Jenkins

SSH Username with private key

Scope ?

Global (Jenkins, nodes, items, all child items, etc)

ID ?

ubuntu

Description ?

ubuntuserver

Username

ubuntu

☐ Treat username as secret ?

8. Enable the private key will paste it. click on add.

#### Jenkins Credentials Provider: Jenkins

☐ Treat username as secret ?

Private Key

☒ Enter directly

Key

Enter New Secret Below

```
KWAAAAATZCZgTCZWQYN1UXUQAAACBZSq8azm1UOKDCUHEB886CP0bZZyuhg13MKMYSUTf3WUQ
AAAEQdeMK/YNZgKAKcx/5JujkrVWaYv6/z9nKxRgR3B7C3m3ZKrxpmaJShFtwMcQF3pw+h
vNnK4eBPeyozJJ50Xda5AAAAF3VidW50dUBpcC0xNzItMzEtOTUtMTkxAQIDBAUG
-----END OPENSsh PRIVATE KEY-----
```

Passphrase




CancelAdd

9. Select the next dropdown to add the Host key Verification Strategy under Non verifying Verification Strategy.

10. Select "KEEP this agent online as much as possible" in the availability field.

11. Click the save button.

12. Node will be online.

	slave	Linux (amd64)	In sync	4.93 GiB	 0 B	4.93 GiB	43ms	
Data obtained	9.1 sec	9.1 sec	9.1 sec	9.1 sec	9.1 sec	9.1 sec	9.1 sec	

## Creating a Freestyle Project and Running on the slave Machine.





1. Click on Save and it will redirect to job's view page.

2. On the left pane, click the Build now button to execute your pipeline.

3. We can verify the history of the executed build the Build history by clicking the build number.

4. Click on the build number and select console output. Here you can see the executed job in the remote host and output.

&lt;/&gt; Changes

 Console Output Edit Build Information Delete build '#1' Timings Git Build Data

→ Next Build

```
Started by user vanisree
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/job
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/Vanisree2000/jenkins.git
> git init /var/lib/jenkins/workspace/job # timeout=10
Fetching upstream changes from https://github.com/Vanisree2000/jenkins.git
> git --version # timeout=10
> git --version # 'git version 2.43.0'
> git fetch --tags --force --progress -- https://github.com/Vanisree2000/jenkins.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/Vanisree2000/jenkins.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/main^{commit} # timeout=10
Checking out Revision ee1418f51a5098d4a7857664c1edbb302030ee5f (refs/remotes/origin/main)
> git config core.sparsecheckout # timeout=10
> git checkout -f ee1418f51a5098d4a7857664c1edbb302030ee5f # timeout=10
Commit message: "Delete AWS QNA 1.pdf"
First time build. Skipping changelog.
Finished: SUCCESS
```