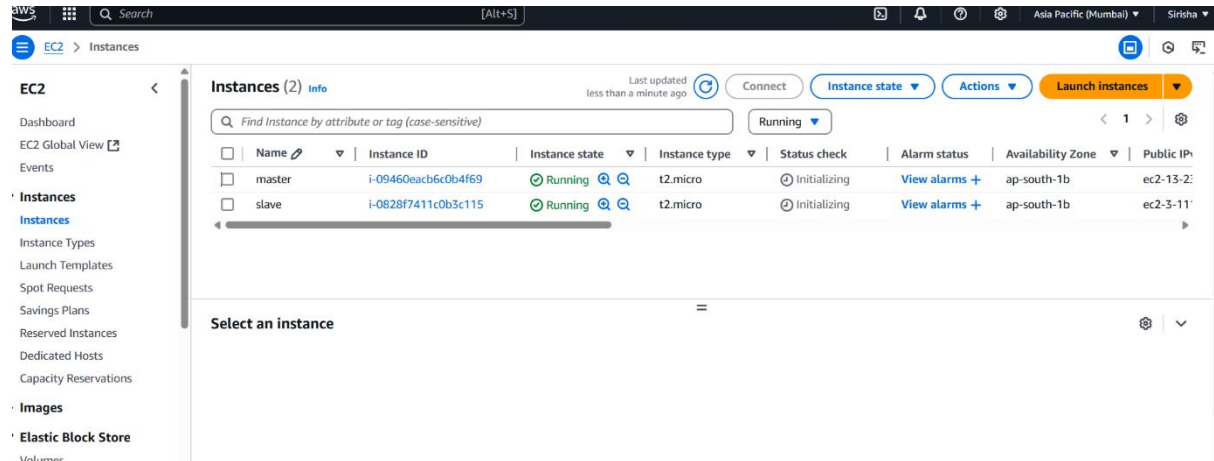


## How to add slave nodes to the master node:



Create EC2 Instances: Launch two EC2 instances, one for the master node and one for the slave node.

2. Master Node Setup: On the master node instance:

- Install Java.
- Install Jenkins, which will act as the master.

3. Slave Node Setup: On the slave node instance:

- Install Java.

Dashboard > Manage Jenkins > Security

Plain text

Shows descriptions mostly as written. HTML unsafe characters like < and & are escaped to their respective character entities, and line breaks are converted to the

---

**Agents**

TCP port for inbound agents ?

☒ Fixed

50000

☐ Random

☐ Disable

---

**CSRF Protection**

Crumb Issuer

Default Crumb Issuer

4. Configure Master Node:

- Enable JNLP (Java Network Launch Protocol) on the master node by going to Manage Jenkins > Configure Global Security and enabling TCP port for JNLP agents (typically port 50000).

Dashboard > Manage Jenkins > Nodes > New node

## New node

Node name

Type

☐ Permanent Agent

Adds a plain, permanent agent to Jenkins. This is called "permanent" because Jenkins doesn't provide higher level of integration with these agents, such as dynamic provisioning. Select this type if no other agent types apply — for example such as when you are adding a physical computer, virtual machines managed outside Jenkins, etc.

Create

Go to Manage Jenkins > Manage Nodes and Clouds.

- Click New Node and select Permanent Agent.

- Configure the slave node with a label and specify the remote root directory.

Dashboard > Manage Jenkins > Nodes >

PROBLY HERE! [PREVIEW](#)

Number of executors ?

1

Remote root directory ?

/home/salve

Labels ?

proa

Usage ?

Only build jobs with label expressions matching this node

Launch method ?

Launch agent by connecting it to the controller

Availability ?

Keep this agent online as much as possible

Create

Dashboard > Manage Jenkins > Nodes >

Nodes

Clouds

Build Queue

No builds in the queue.

Build Executor Status

Built-In Node

0/2

slave

(offline)

Nodes

+ New Node

Configure Monitors

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	3.92 GiB	<span style="color: red;">1 0 B</span>	3.92 GiB	0ms
	slave		N/A	N/A	N/A	N/A	N/A
	Data obtained	4 ms	3 ms	3 ms	2 ms	1 ms	11 min

Icon: S M

Leger

6. Launch Slave Agent:

- By default, the slave node will be offline.

- To bring it online, launch the slave agent using the command provided in the Jenkins UI or by running the following command on the slave node:

Dashboard > Nodes > slave

### Agent slave

[Add description](#) [Mark this node temporarily offline](#) ⓘ

Run from agent command line: (Unix) ⓘ

```
curl -sO http://15.207.114.25:8080/jnlpJars/agent.jar
java -jar agent.jar -url http://15.207.114.25:8080/ -secret dd0ed3b5d30130a3dae83271bf7cf35fb08b1c0a1e7dbe4d26ed55d4e630b450 -name slave -webSocket -workDir "/home/salve"
```

Run from agent command line: (Windows) ⓘ

```
curl.exe -sO http://15.207.114.25:8080/jnlpJars/agent.jar
java -jar agent.jar -url http://15.207.114.25:8080/ -secret dd0ed3b5d30130a3dae83271bf7cf35fb08b1c0a1e7dbe4d26ed55d4e630b450 -name slave -webSocket -workDir "/home/salve"
```

Or run from agent command line, with the secret stored in a file: (Unix) ⓘ

```
jenkins@172-31-10-82:~$ cd /usr/bin/
slave@x:1001:1001:~$ cd /home/salve/bin/
root@ip-172-31-10-82:~$ curl -sO http://15.207.114.25:8080/jnlpJars/agent.jar
root@ip-172-31-10-82:~$ "Cva -jar agent.jar -url http://15.207.114.25:8080/ -secret dd0ed3b5d30130a3dae83271bf7cf35fb08b1c0a1e7dbe4d26ed55d4e630b450 -name slave -webSocket -workDir "/home/salve"
root@ip-172-31-10-82:~$ ls
agent.jar  snap
root@ip-172-31-10-82:~$ nohup java -jar agent.jar -url http://15.207.114.25:8080/ -secret dd0ed3b5d30130a3dae83271bf7cf35fb08b1c0a1e7dbe4d26ed55d4e630b450 -name slave -webSocket -workDir "/home/salve" &
[1] 4594
root@ip-172-31-10-82:~$ nohup: ignoring input and appending output to 'nohup.out'
```

### Nodes

[+ New Node](#) [Configure Monitors](#) ⓘ

S	Name	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	3.78 GiB	0 B	3.78 GiB	0ms ⓘ
	slave	Linux (amd64)	In sync	3.78 GiB	0 B	3.78 GiB	178ms ⓘ
Data obtained		1 min 12 sec	1 min 12 sec	1 min 12 sec	1 min 12 sec	1 min 12 sec	1 min 12 sec

Icon: S M L Legend

Definition

Pipeline script

Script ?

```
1 pipeline {  
2   agent {label 'proa'}  
3  
4   stages {  
5     stage('Hello') {  
6       steps {  
7         echo 'Hello World'  
8       }  
9     }  
10  }  
11 }  
12
```

Hello World

☒ Use Groovy Sandbox ?

Save

Apply

</> Changes

▶ Build Now

⚙️ Configure

🗑️ Delete Pipeline

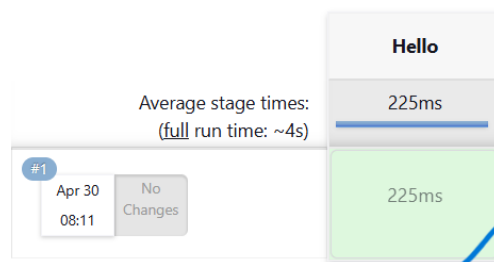
🔍 Full Stage View

📁 Stages

✎️ Rename

❓ Pipeline Syntax

## Stage View



## Permalinks

3 builds

No builds


today





#1 2:41 AM


 Status


 Changes

 Console Output


 Edit Build Information

 Delete build '#1'


 Timings


 Pipeline Overview

 Pipeline Console

 Restart from Stage

 Replay

 Pipeline Steps


 Workspaces

## Console Output

Started by user [Admin](#)

[Pipeline] Start of Pipeline

[Pipeline] node

Running on [slave](#) in /home/salve/workspace/slave\_pro 

[Pipeline] {

[Pipeline] stage

[Pipeline] { (Hello)

[Pipeline] echo

Hello World

[Pipeline] }

[Pipeline] // stage

[Pipeline] }

[Pipeline] // node

[Pipeline] End of Pipeline

Finished: SUCCESS