

JENKINS MASTER SLAVE CONFIGURATION

Step 1 - Install Jenkins on UBUNTU Ec2 instance with 8 GB T2.Micro

https://github.com/praveen1994dec/tools_installation_scripts/blob/main/jenkins.sh

Step 2 - Make EC2 Security group open

Step 3 - Hit the url in browser

http://<EC2IP>:8080/

Step 4 - Go to DASHBOARD -> NODES -> Create Node

Give the below details

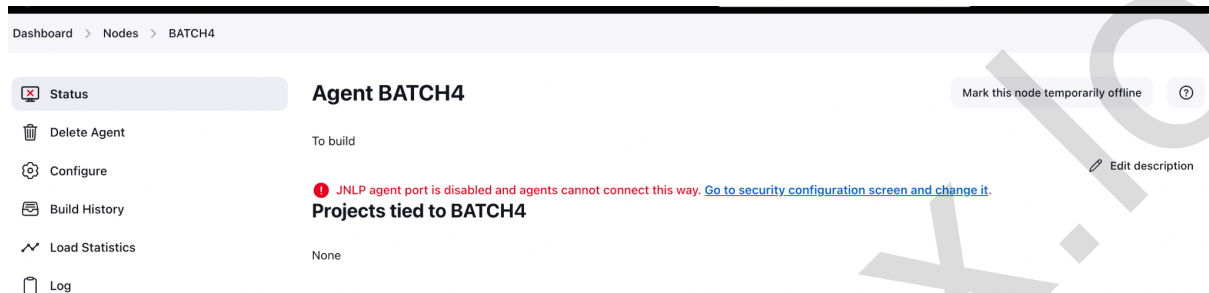
Name - Name of Node

Install/ Working Directory - /opt/

Rest all data keep same

Step 5 - Once you save you will see this screen

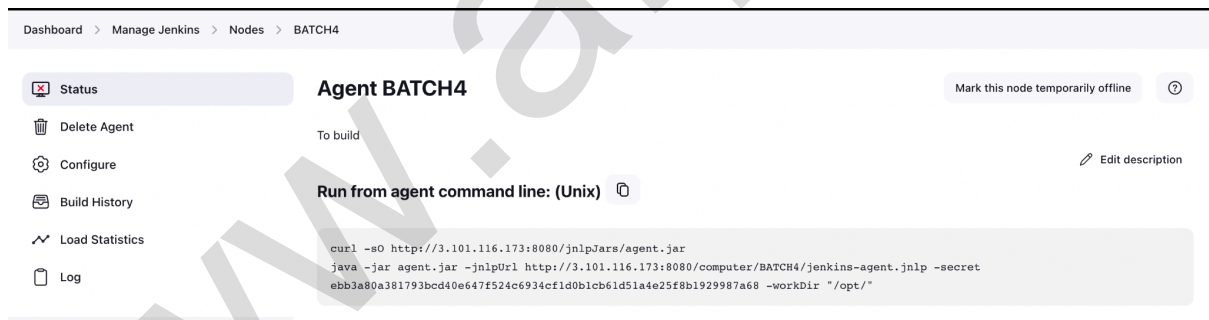
Click on Go to Security as shown in below screenshot



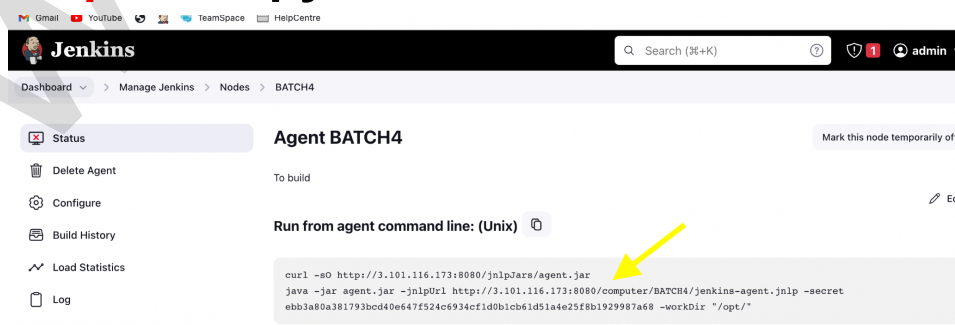
Step 6 - Enable the PORT from DISABLE state to TCP

Then

Click Dashboard -> Nodes -> NodeName -> Status



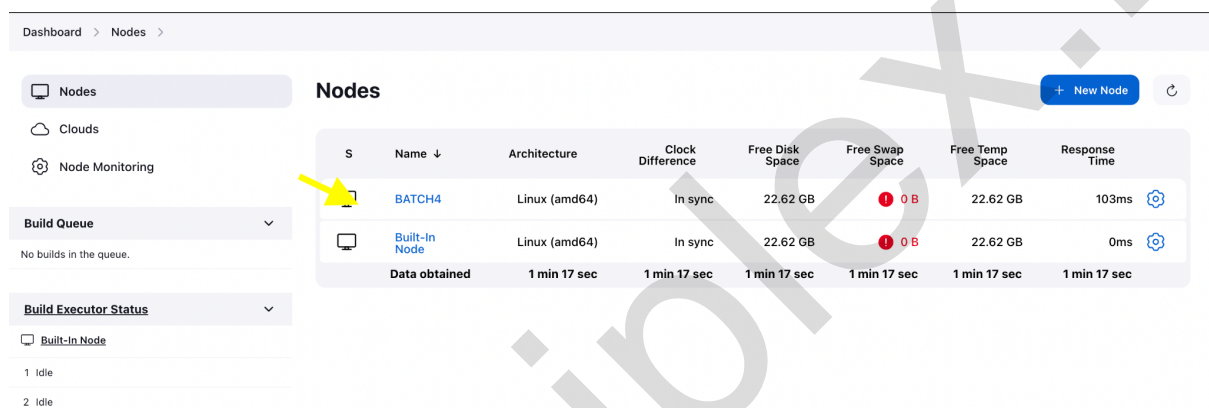
Step 7 - Copy the command like the below







Step 8 - Go to OPT folder in EC2 and hit the above command

You will see the Status as connected in EC2

Step9 - Come to Jenkins Nodes Dashboard and it will be up and running



The screenshot shows the Jenkins Nodes Dashboard. On the left, there is a sidebar with navigation links: Nodes (selected), Clouds, and Node Monitoring. Below these are sections for 'Build Queue' (showing 'No builds in the queue.') and 'Build Executor Status' (showing '1 Idle' and '2 Idle' for the 'Built-In Node'). The main area is titled 'Nodes' and contains a table with the following data:

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	BATCH4	Linux (amd64)	In sync	22.62 GB	 0 B	22.62 GB	103ms
	Built-In Node	Linux (amd64)	In sync	22.62 GB	 0 B	22.62 GB	0ms
Data obtained		1 min 17 sec	1 min 17 sec	1 min 17 sec	1 min 17 sec	1 min 17 sec	1 min 17 sec

A yellow arrow points to the 'BATCH4' node's status icon. A green arrow points to the 'Built-In Node' row. A large watermark 'SINGAM' is visible across the bottom of the image.