

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

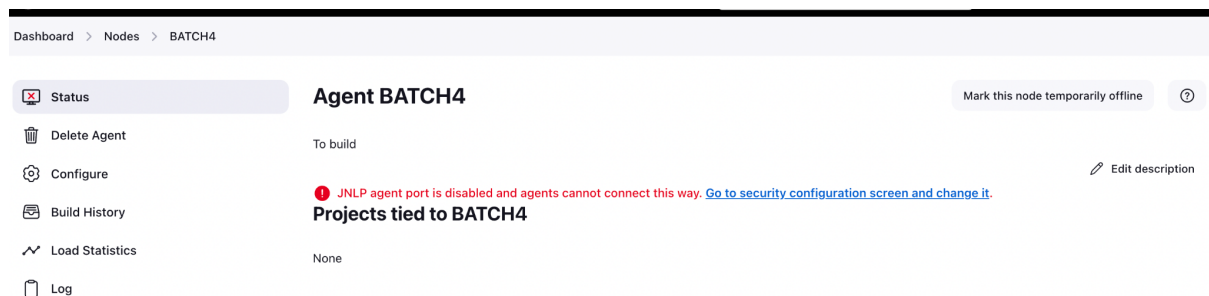
Name - Name of Node

Install/ Working Directory - /opt/

Rest all data keep same

Step 5 - Once you save you will see this screen

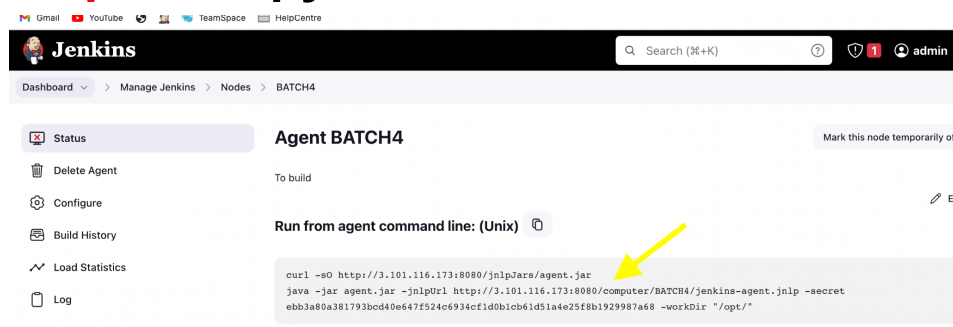
Click on Go to Security as shown in below screenshot



Step 6 - Enable the PORT from DISABLE state to TCP
Then
Click Dashboard -> Nodes -> NodeName -> Status



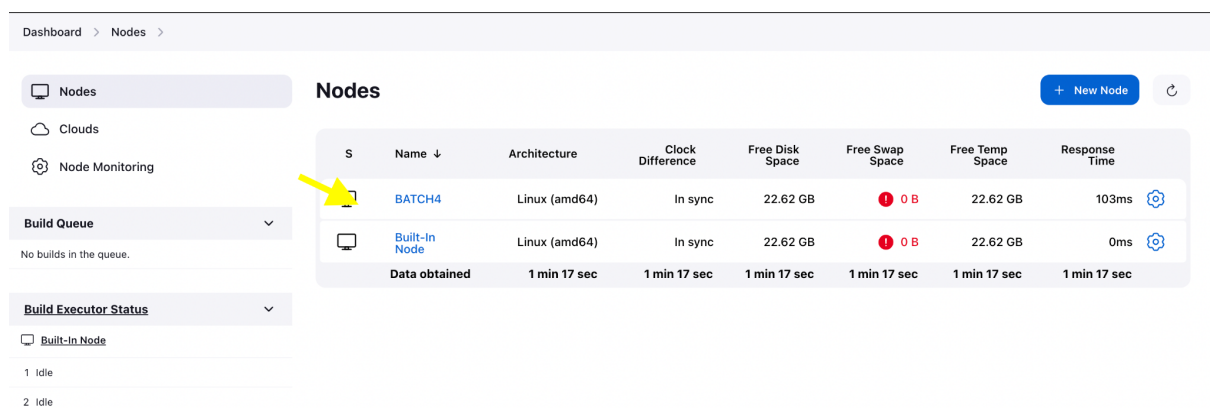
Step 7 - Copy the command like the below





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 displays the Jenkins Nodes Dashboard. On the left sidebar, the 'Nodes' section is active, showing a list of nodes: 'BATCH4' and 'Built-In Node'. The 'Built-In Node' is currently selected. The main panel shows the details for the 'Built-In Node', which is in a 'connected' state (indicated by a green status icon). The table below provides detailed metrics for both nodes.

| 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 |


SINGAM