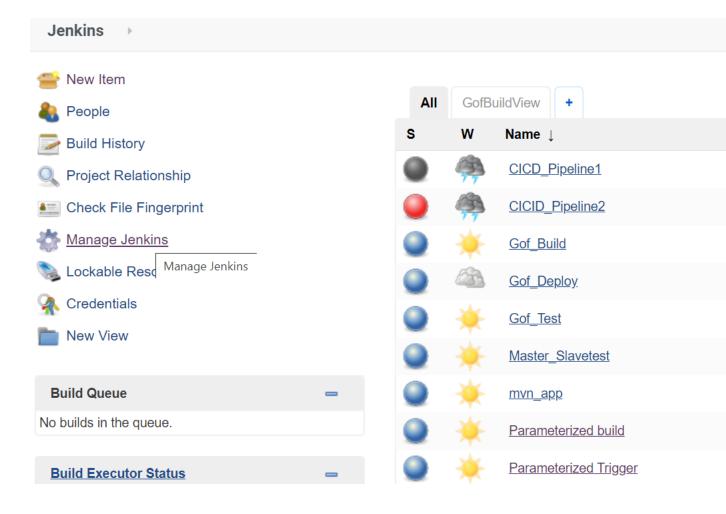
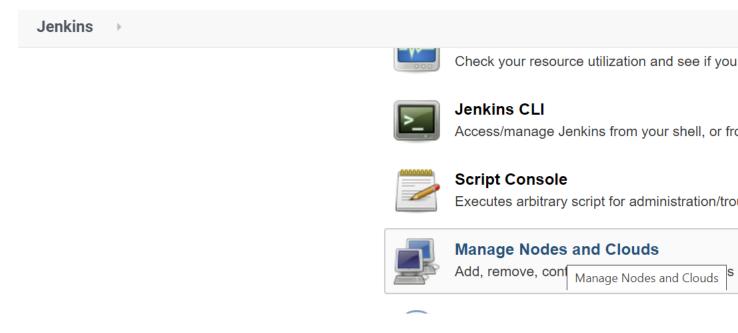
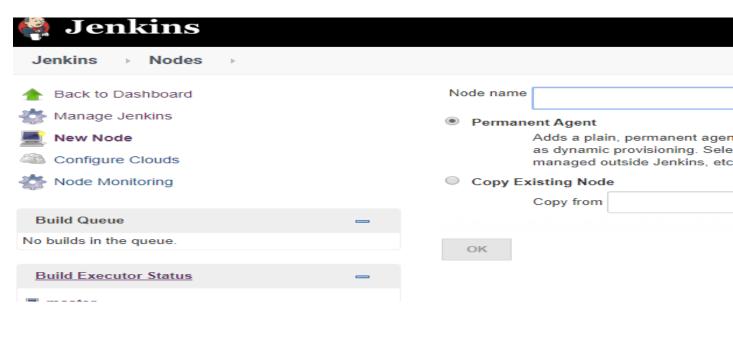
MASTER SLAVE SETUP

- 1. Access Jenkins Console https://serverip:8080
- 2. Under Jenkins Dashboard click on "Manage Jenkins" and in the next screen click on "Manage Nodes"





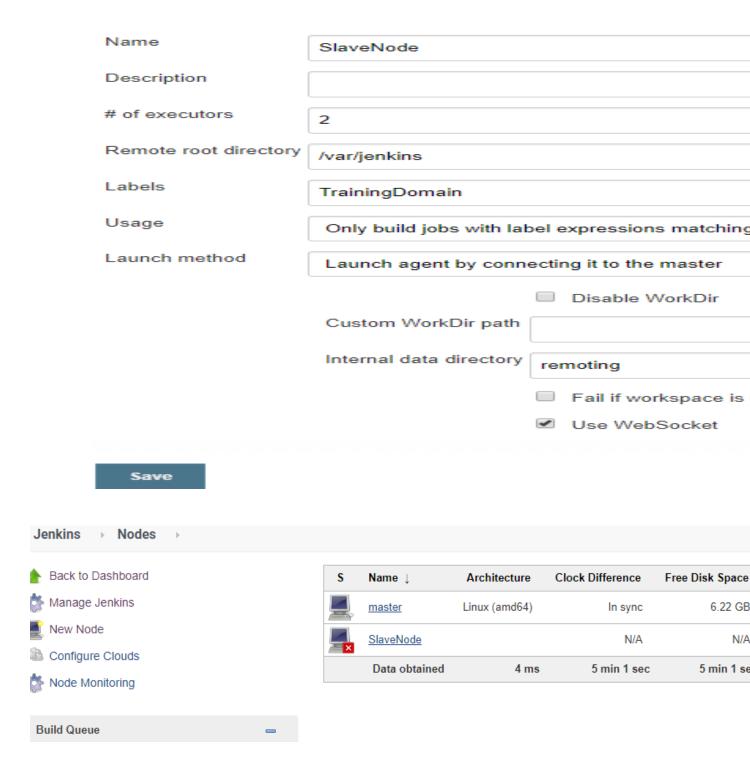
3. Give the Node Name, Select Permanent Agent and perform the below steps as given in the screenshot. Once done, Click Save.



Fill the below details

Remote Directory: Path on the Slave node where the job executes

Labels: It's a grouping of Nodes (Ex: UAT nodes, PROD nodes, Training etc)



4.Click on the SlaveNode and download the agent.jar on your system as shown below and copy into the slave node under Jenkins

Mark this node temporarily offline

```
Agent SlaveNode
```

Connect agent to Jenkins one of these ways

- Launch Launch agent from browser
- · Run from agent command line:

```
java -jar \underline{\mathsf{agent.jar}} -jnlpUrl http://3.84.145.85:8080/computer/SlaveNode/slave-agent.jnlp -secret 5900dd143cd544eddf9a87f19c59d73d3bf5b67897a6f4c064f517b4f91fa75a -workDir "/var/jenkins"
```

Run from agent command line, with the secret stored in a file:

```
echo 5900dd143cd544eddf9a87f19c59d73d3bf5b67897a6f4c064f517b4f91fa75a > secret-file java -jar \underline{agent.jar} -jnlpUrl http://3.84.145.85:8080/computer/SlaveNode/slave-agent.jnlp -secret @secret-file -workDir "/var/jenkins"
```

Labels

TrainingDomain

Projects tied to SlaveNode

None

5. Use wget command to download the file under Jenkins directory

6 Execute below command to establish connection between master and slave node.

```
java -jar agent.jar -jnlpUrl
http://3.84.145.85:8080/computer/SlaveNode/slave-agent.jnlp -workDir
"/var/jenkins"
```

- 7. Now you can see Slave Node is online on the Jenkins Console
- 8. Let us now execute Sample Job on Slave Node as given below

- 1. Under Jenkins Dashboard, Click on New Item
- 2. Name the project as Master_Slave Setup and choose Pipeline as the project type
- Add below script in Pipeline Tab pipeline {

```
agent {label 'TrainingDomain'}

stages {
    stage('Hello') {
        steps {
            sh 'touch hello.txt'
        }
    }
```

- 4. Click on Apply and Build the Job
- 5. You can see the below output which says its executed on Slave Node

```
Started by user unknown or anonymous
Running in Durability level: MAX SURVIVABILITY
[Pipeline] Start of Pipeline
[Pipeline] node
Running on SlaveNode in /var/jenkins/workspace/Master Slavetest
[Pipeline] {
[Pipeline] stage
[Pipeline] { (Hello)
[Pipeline] sh
+ touch hello.txt
[Pipeline] }
[Pipeline] // stage
[Pipeline] }
[Pipeline] // node
[Pipeline] End of Pipeline
Finished: SUCCESS
```