## **Experiment 5**

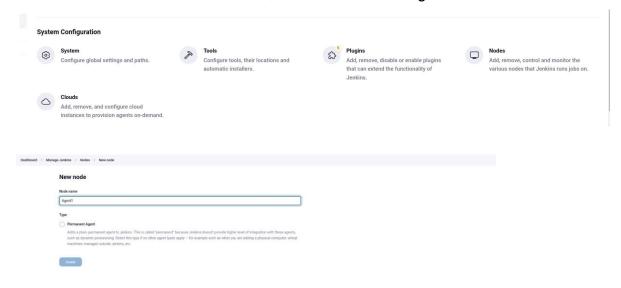
## **Jenkins Master-Slave**

## Aim

To understand the Master-Slave methodology of Jenkins

## **Steps**

- 1. Create a Slave Node on Jenkins
  - 1.a. Go to Dashboard > Manage Jenkins > Nodes > New Node
  - 1.b. Give a name to the node, select Permanent Agent & click Create



- Set as permanent agent
- Label it as Agent1
- Set remote root repo path of your local system :



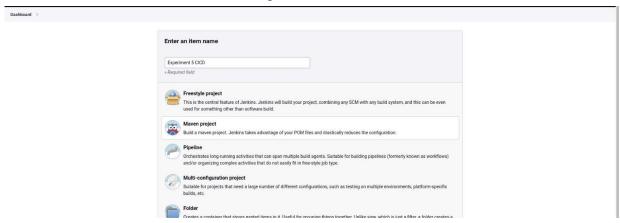




Then save it 1. Go to your cmd of slave1 and run these commands

```
insoli Gavo It 1. Go to your office of Stave 1. 3 Java - Jar agent Jar - Jn]purl http://localhost:8888/computvivioli r/home/uki33/UPE5/Sem 4/cid/experiment 5/Agenti;
t 83, 2023 9:39:40 AM dorg.jenkinsci.remoting.engine.WorkDilManager initializeworkDir
f80: Using /home/roinirUPE5/Sem 4/cid/experiment 5/Agenti/zenoting as zemoting work directory
t 83, 2023 9:39:40 AM hudson.remoting.engine.WorkDilManager setuplogging
F80: Both error and output logs will be printed to /home/roinirUPE5/Sem 4/cid/experiment 5/Agenti/zemoting
t 83, 2023 9:39:40 AM hudson.remoting.Engine startEngine
F80: Setting up agent: Agent
t 83, 2023 9:39:40 AM hudson.remoting.Engine startEngine
F80: Using Remoting version: 3148. 9323 2-9715ee3
t 83, 2023 9:39:40 AM hudson.remoting.engine.WorkDirManager initializeworkDir
F80: Using /home/roinirUPE5/Sem 4/cid/experiment 5/Agenti/zemoting as a remoting work directory
t 83, 2023 9:39:40 AM hudson.remoting.jn]n.Main&culisitener status
F80: Locating server accept http://localhost.8888/]
t 83, 2023 9:39:40 AM hudson.remoting.jn]n.Main&culisitener status
F80: Remoting server accepts the following protocols: [JMLP4-connect, Ping]
f80: Agent discovery successive the following protocols: [JMLP4-connect, Ping]
f80: Agent discovery successive the following protocols: [JMLP4-connect, Ping]
f80: Agent discovery successive f80: Agent discovery successi
    t 83, 2023 9:39:40 AM hudson.remoting.jnlp.MainSculiistener status
FO: Handshably no localhost:39985
t 83, 2023 9:39:40 AM hudson.remoting.jnlp.MainSculiistener status
FO: Connecting to localhost:39985
t 83, 2023 9:39:40 AM hudson.remoting.jnlp.MainSculiistener status
FO: Trying protocol: JuBEP-Aconnect
t 83, 2023 9:39:41 AM org.jenkinsci.remoting.protocol.impl.BIONetworkLayer$Reader run
FO: Wakiling for ProtocolStack to statt.
t 83, 2023 9:39:41 AM hudson.remoting.jnlp.MainSculiistener status
FO: Remote Identity confirmed: 2f:16:b7:ee:74:20:2d:33:8e:83:d9:b2:83:fb:92:99
t 83, 2023 9:39:41 AM hudson.remoting.jnlp.MainScullistener status
FO: Connected
```

This slave is connected and now using this slave we'll make a build-



Make a new maven project and connect it to github project for making automatic build(cicd-lab-5)





