# Experiment 5 Jenkins Master-Slave

### **Aim**

To understand the Master-Slave methodology of Jenkins

## **Steps**

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

#### New node



c. Provide the root directory path & label



d. Provide Custom WorkDir path



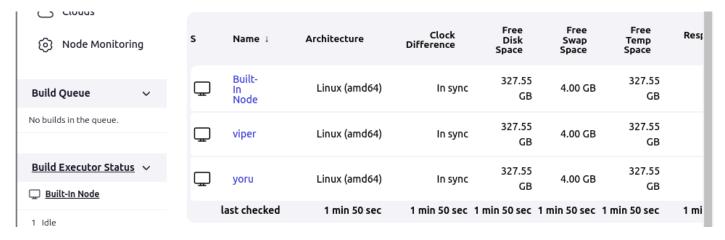
e. Run the following commands at the location of root directory

Oct 06, 2023 5:01:18 PM hudson.remoting.jnlp.Main\$CuiListener status INFO: Remote identity confirmed: 12:f1:a0:a1:1c:4f:86:84:fc:d6:c6:36:bb:99:5c:2d Oct 06, 2023 5:01:18 PM hudson.remoting.jnlp.Main\$CuiListener status I

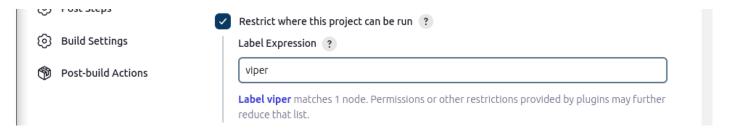
#### f. Your agent should be up and running



#### 2. Create another agent following the above steps



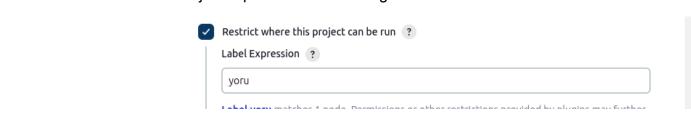
#### 3. Create a Maven Project Pipeline and restrict it to run on one of the agents



#### 4. Run a build to verify the pipeline



#### 5. Create another Maven Project Pipeline on the 2nd agent



## 6. Run a build to verify both the agents

