

CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT LAB

Lab File (2023-2024)

for

5th Semester

Submitted To

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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 curl -s0 http://localhost:8080/jnlpJars/agent.jar

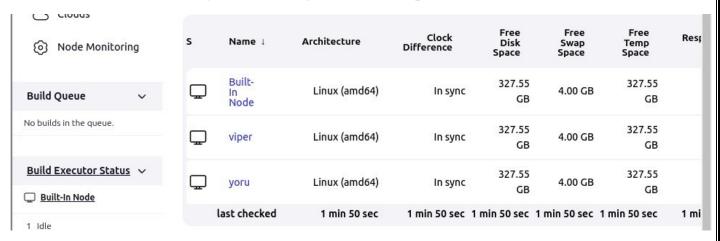
→ viper java -jar agent.jar -jnlpUrl http://localhost:8080/computer/viper/jenkins-agent.jnlp -secret 3c6c8978d103bab6 4fd8ca17e81bf7651d7444ca0cada8fa90c84816aab1aafd -workDir "/home/ayroid/Documents/Work/College/SEM5/CICD/lab/HiteshSir/ exp5/viper"

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 INFO: Connected

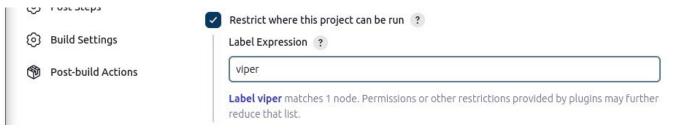
f. Your agent should be up and running



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

