

CONTINUOUS INTEGRATION AND CONTINUOUS DEPLOYMENT LAB

**Lab File (2023-2024)**

**for**

**5th Semester**

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**Submitted To:**

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Experiment 5

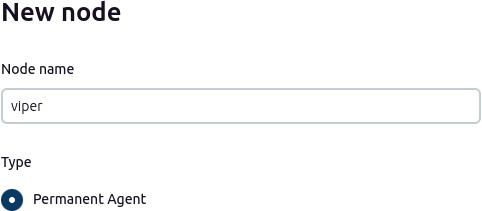
**Jenkins Master-Slave**

# Aim

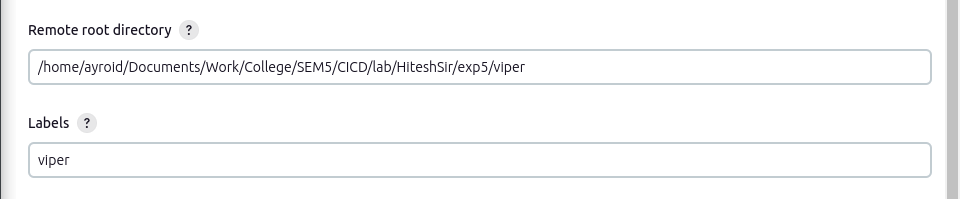
To understand the Master-Slave methodology of Jenkins

# Steps

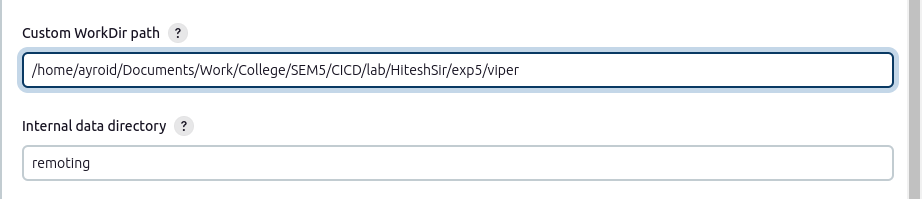
1. Create a Slave Node on Jenkins
   1. Go to Dashboard > Manage Jenkins > Nodes > New Node
   2. Give a name to the node, select Permanent Agent & click Create



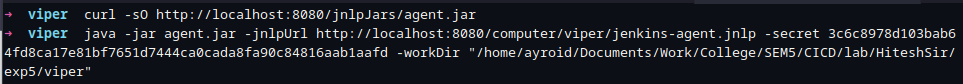
* 1. Provide the root directory path & label

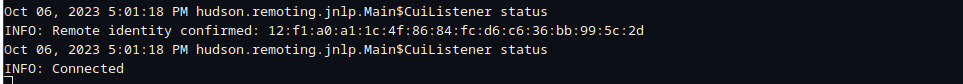


* 1. Provide Custom WorkDir path

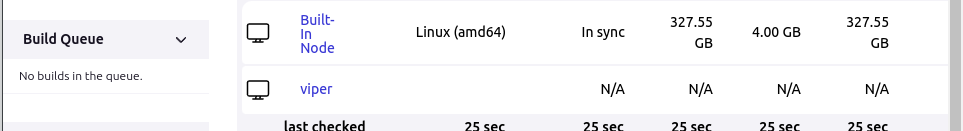


* 1. Run the following commands at the location of root directory

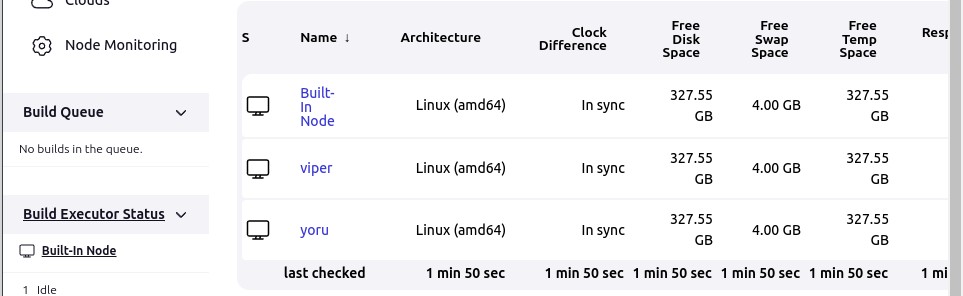




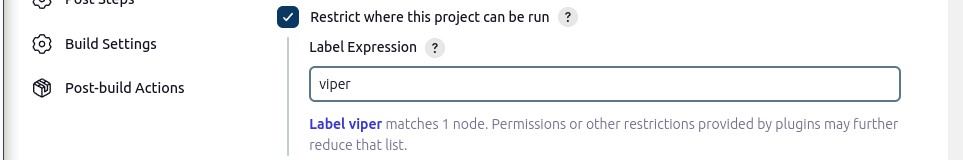
* 1. Your agent should be up and running



1. Create another agent following the above steps



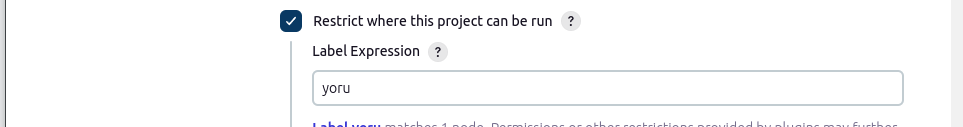
1. Create a Maven Project Pipeline and restrict it to run on one of the agents



1. Run a build to verify the pipeline



1. Create another Maven Project Pipeline on the 2nd agent



1. Run a build to verify both the agents

