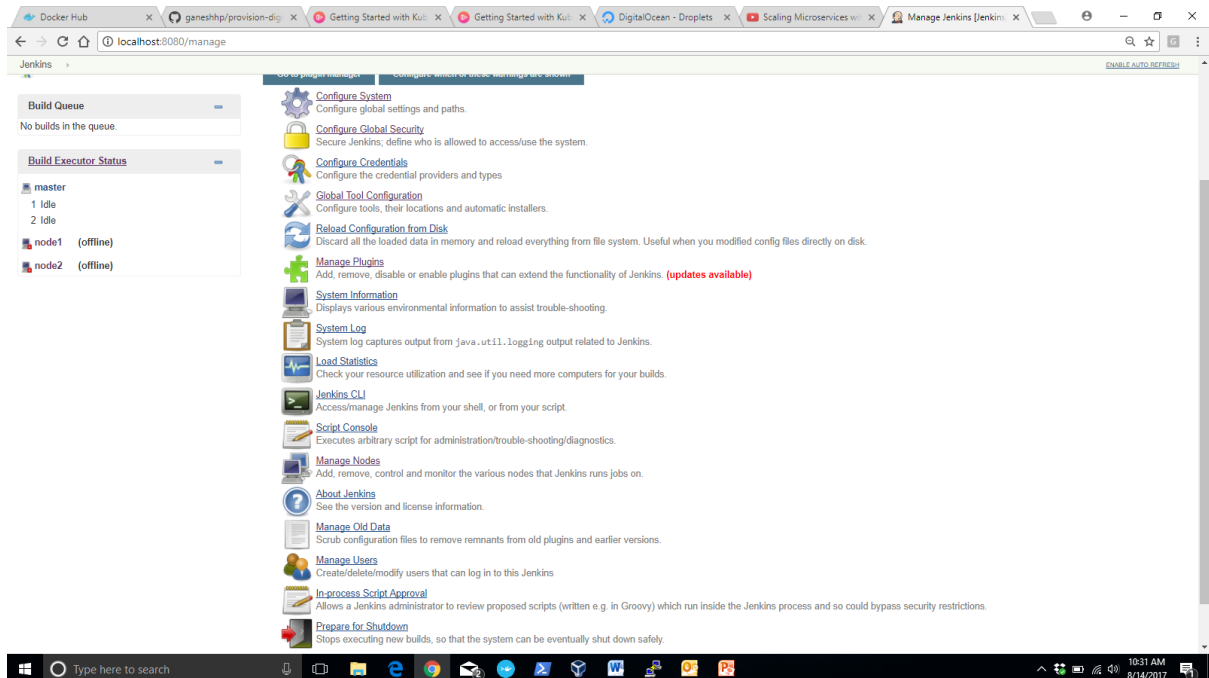
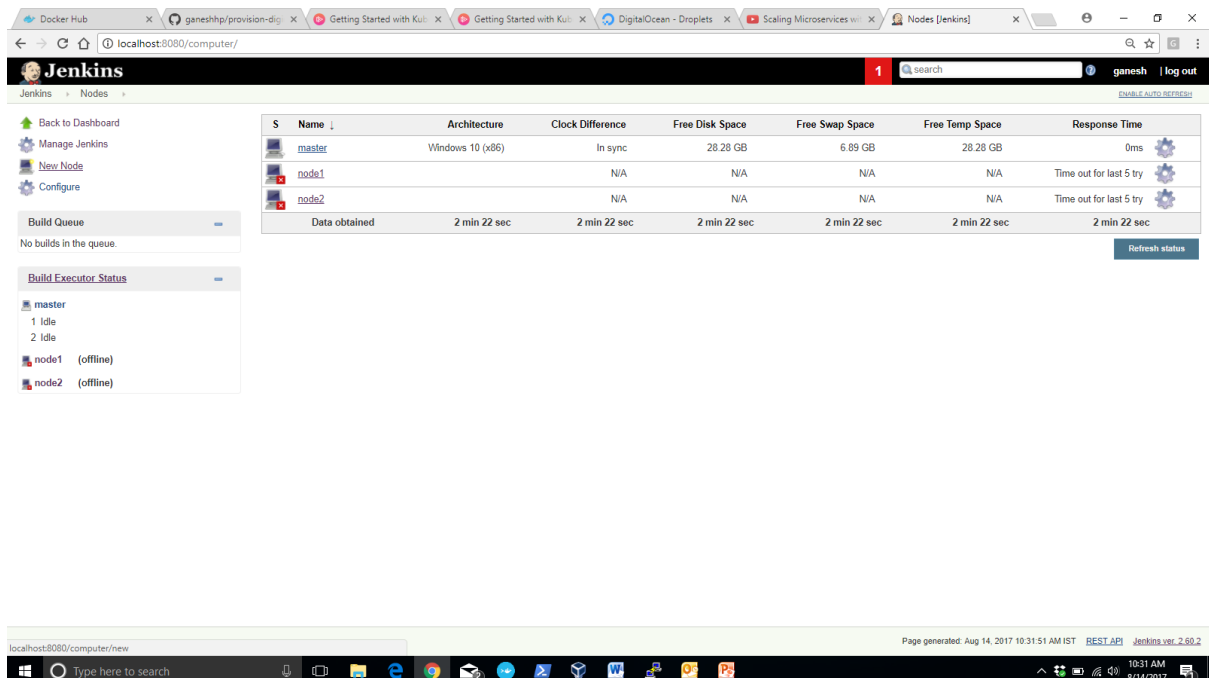


# Adding a Node in Jenkins configuration

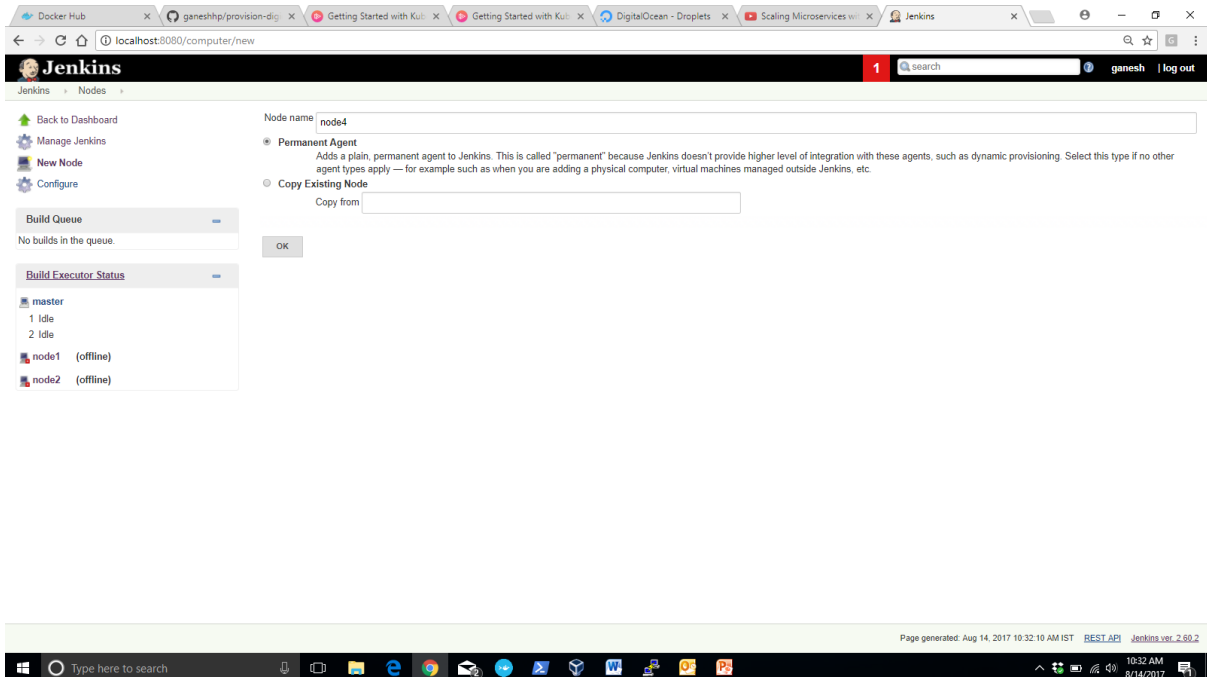
1) While on the Jenkins Console, click on Manage nodes



2) Click on 'new node' on the left hand panel

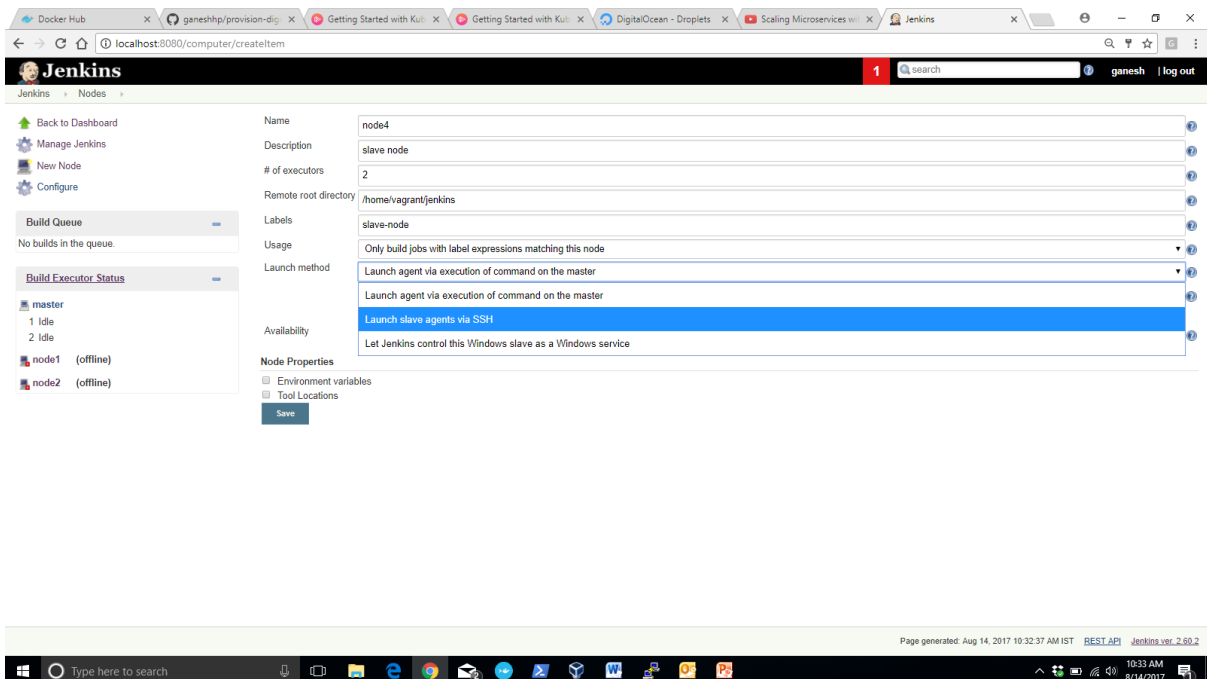


### 3) Give a name to the node that you want to add and select permanent node.



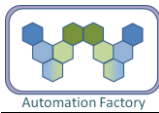
The screenshot shows the Jenkins 'New Node' configuration page. The 'Node name' field is set to 'node4'. The 'Permanent Agent' radio button is selected. The 'Copy Existing Node' option is also visible. The 'Build Queue' shows 'No builds in the queue.' The 'Build Executor Status' shows 'master' with 1 idle and 2 offline executors, and 'node1' and 'node2' both offline.

### 4) Provide inputs for the fields in the node configuration. In launch method select ssh incase your node is a Unix / Linux host.



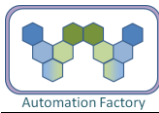
The screenshot shows the Jenkins 'New Node' configuration page. The 'Name' field is set to 'node4'. The 'Description' field is set to 'slave node'. The '# of executors' field is set to '2'. The 'Remote root directory' field is set to '/home/vagrant/jenkins'. The 'Labels' field is set to 'slave-node'. The 'Usage' field is set to 'Only build jobs with label expressions matching this node'. The 'Launch method' dropdown is set to 'Launch slave agents via SSH'. The 'Availability' dropdown is set to 'Let Jenkins control this Windows slave as a Windows service'. The 'Node Properties' section shows 'Environment variables' and 'Tool Locations' checkboxes.

### 5) Provide IPAddress / hostname information and user information for the node that you want to connect as a slave. The user has to be the one on the remote node with enough privileges (sudo) to install a JAR file.



- 6) If you are using this node inside the same subnet you can use 'non verifying workstation strategy' for 'host key verification option'.

- 7) Once updated save the configuration and click on the saved node in the manage node panel.  
8) Click on launch node button and see if any error in connecting the host over ssh. In case of any error related to ssh connection, resolve the same and retry.



- 9) Jenkins Master will try to establish ssh connection with the configured node and install required component on the remote node so as to make the Jenkins node ready to take on job activities.