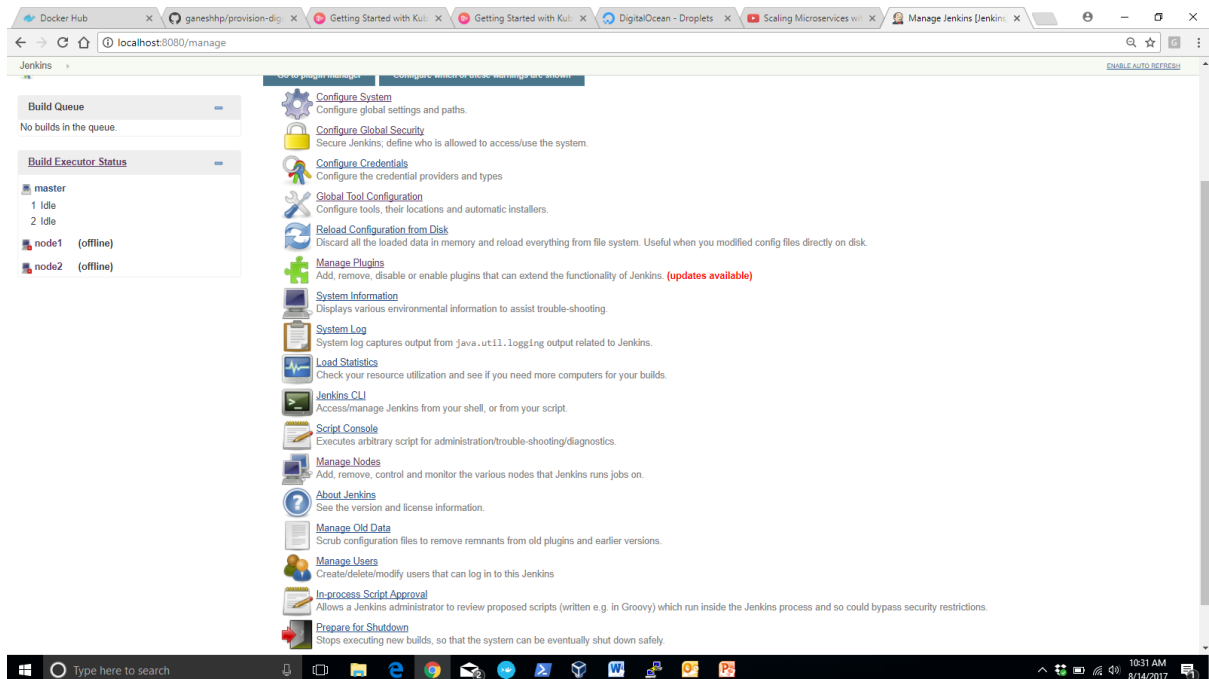
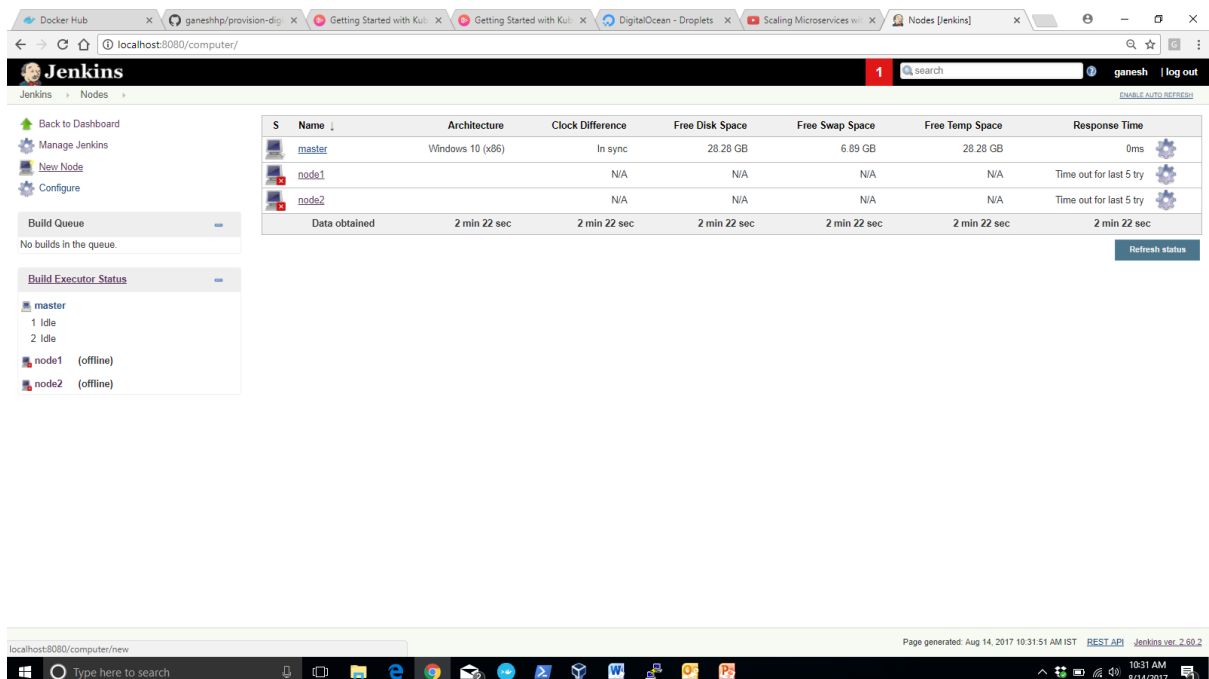


Adding a Node in Jenkins configuration

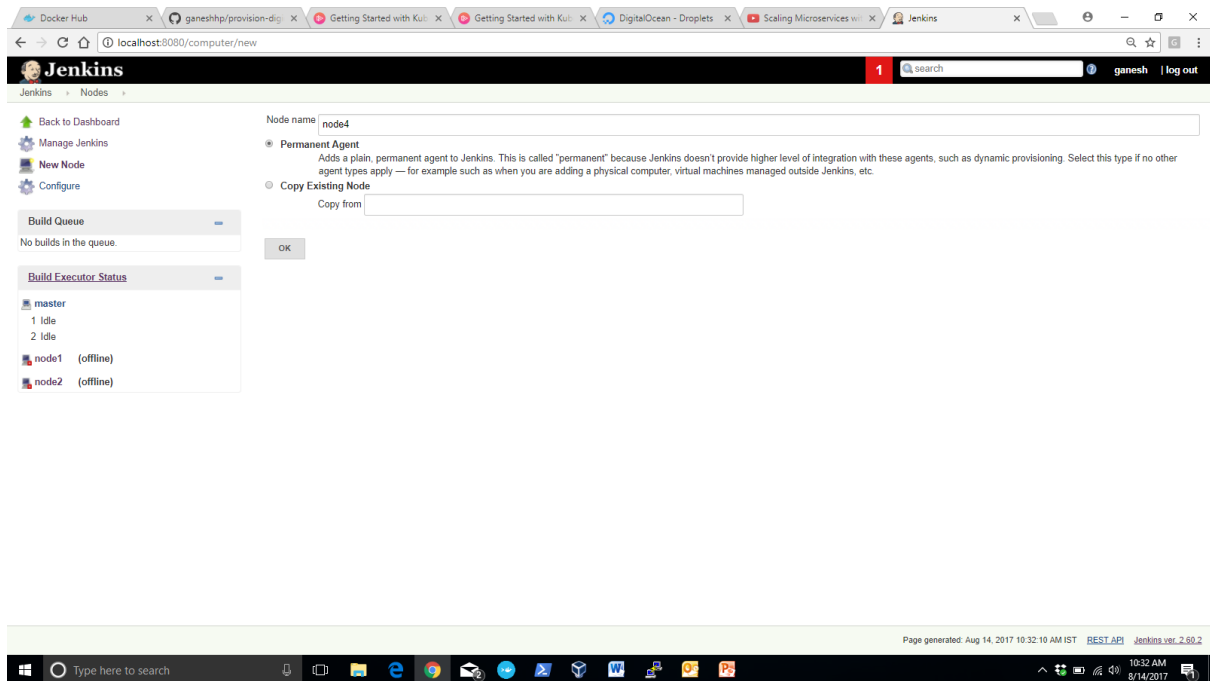
1) While on the Jenkins Console, click on Manage nodes



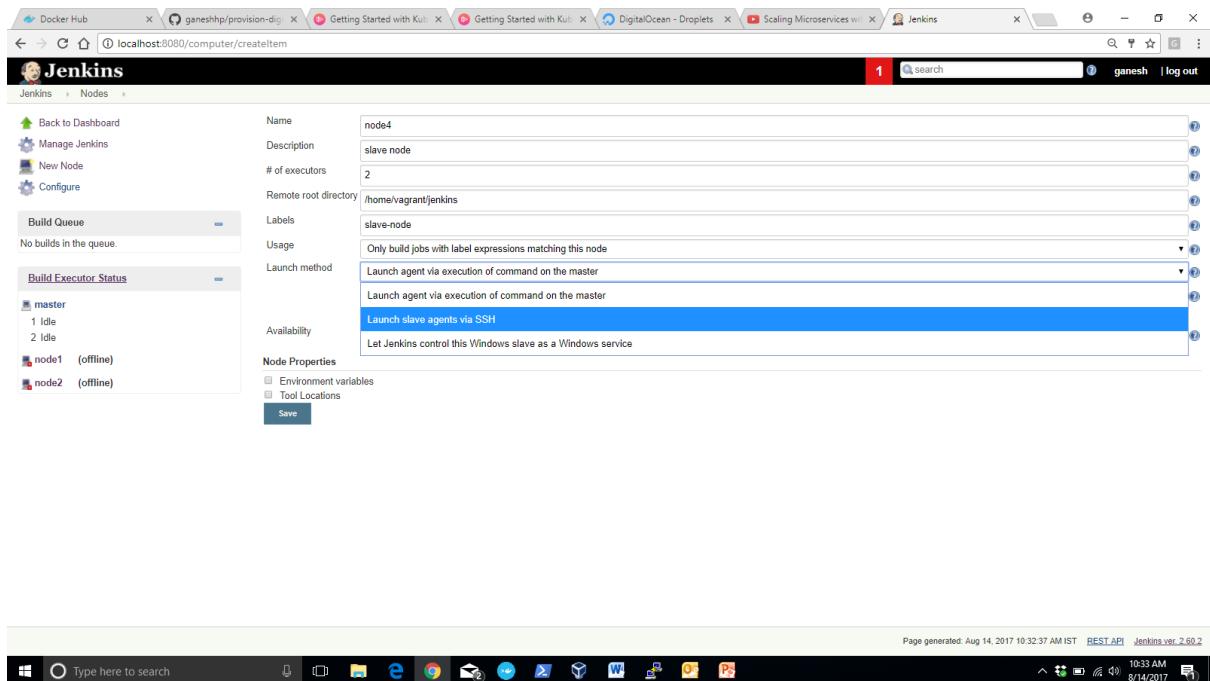
2) Click on 'new node' on the left hand panel



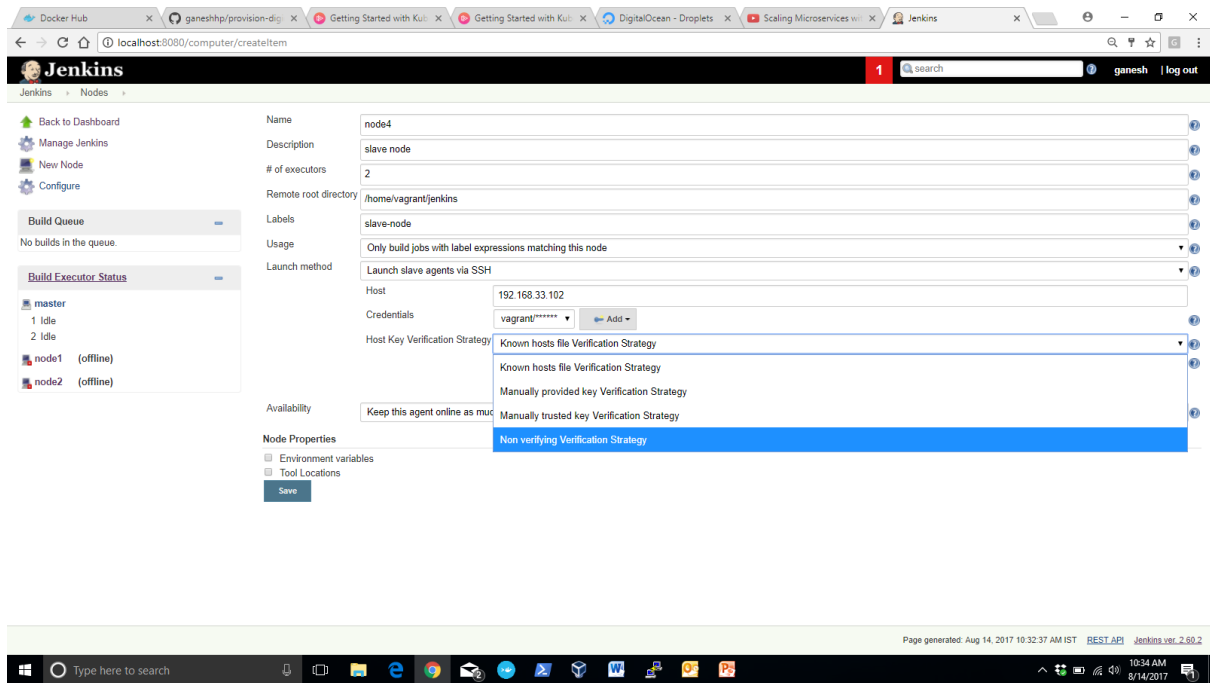
3) Give a name to the node that you want to add and select permanent node.



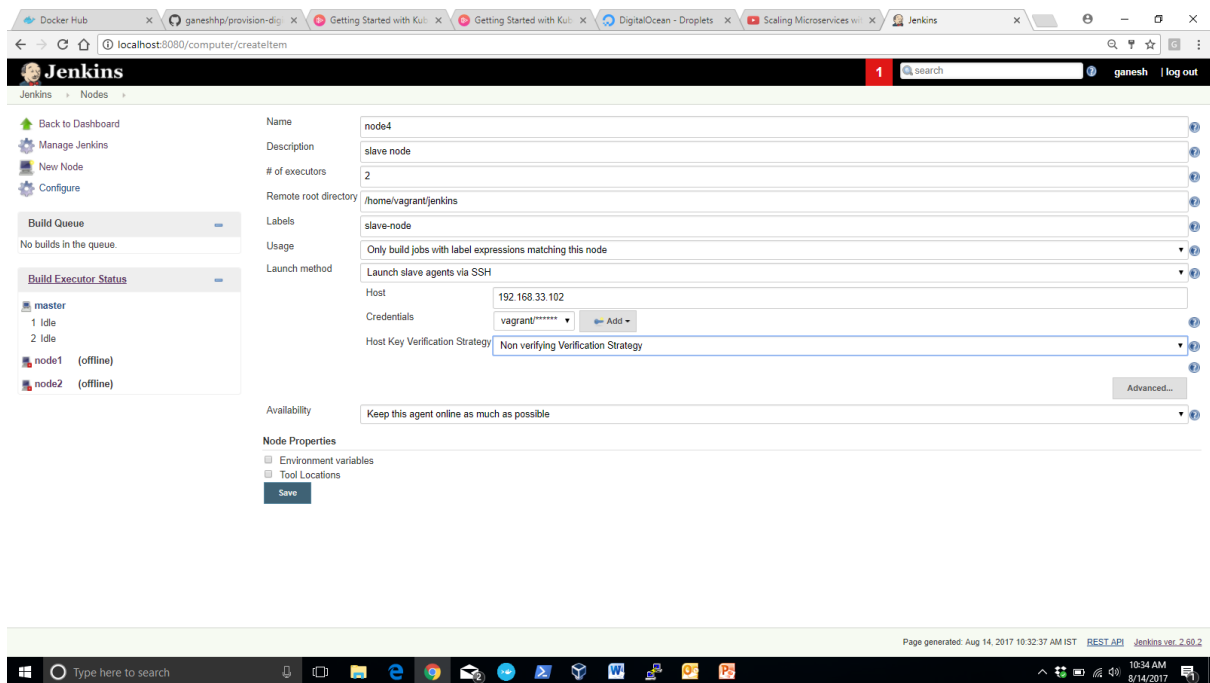
- 4) Provide inputs for the fields in the node configuration. In launch method select ssh incase your node is a Unix / Linux host.



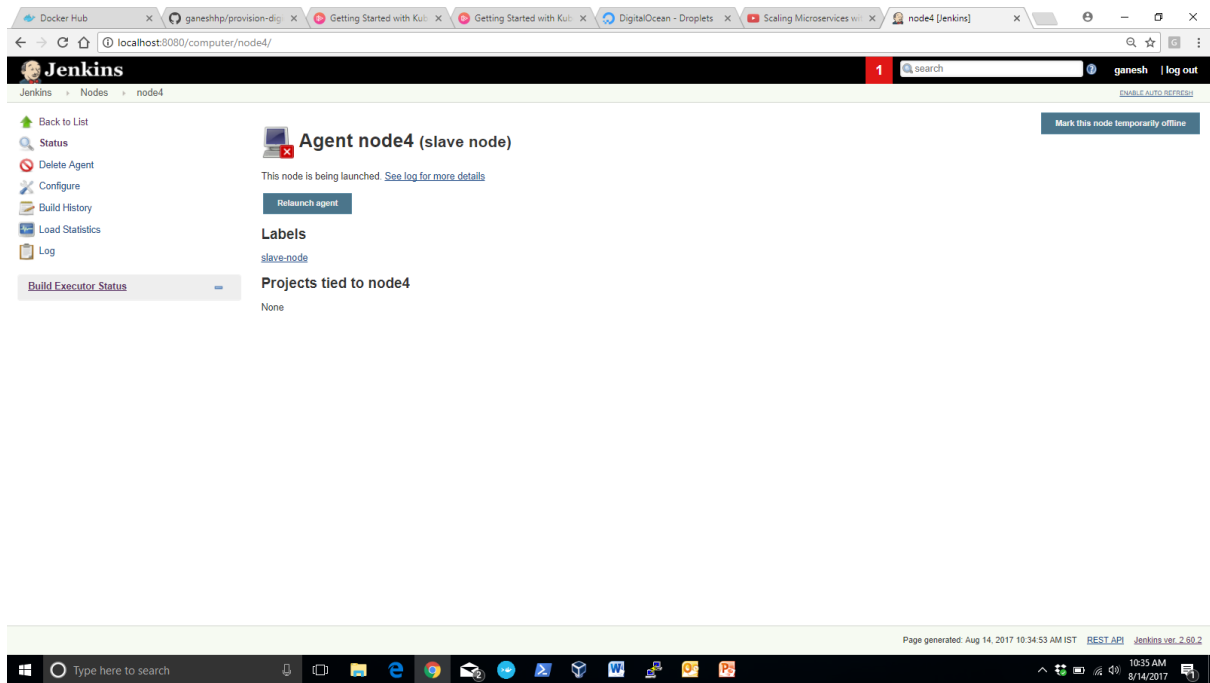
- 5) Provide IPAddress / hostname information and user information for the node that you want to connect as a slave. The user has to be the one on the remote node with enough privileges (sudo) to install a JAR file.



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

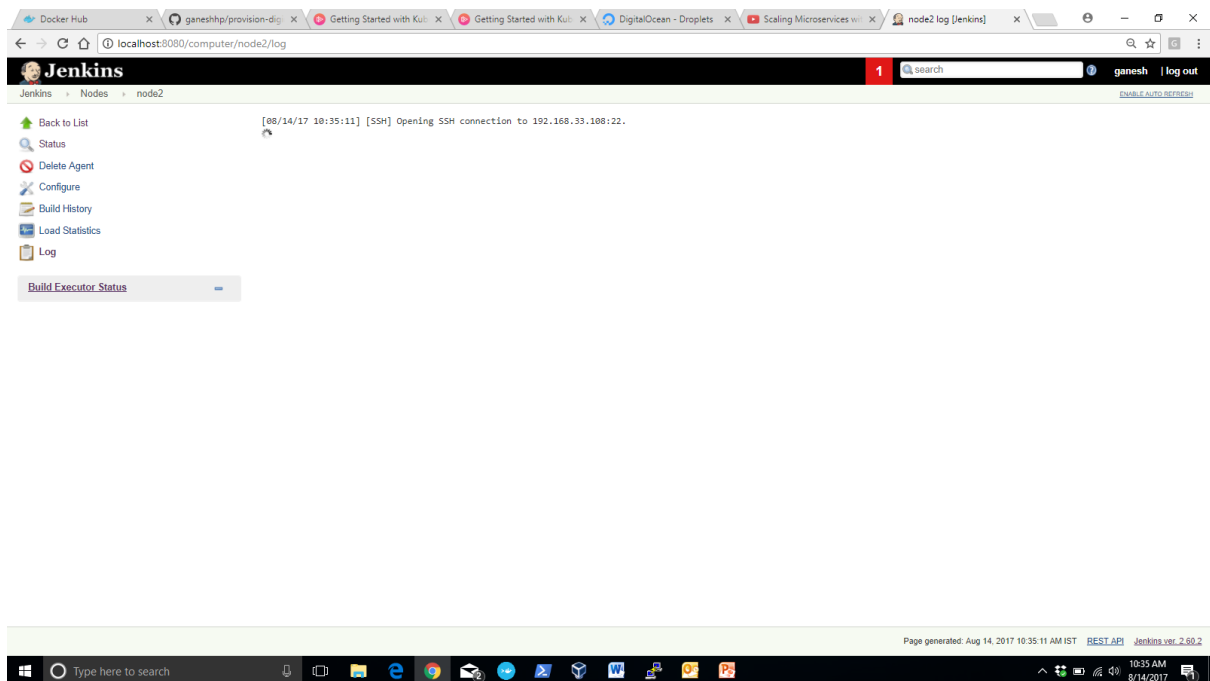


- 7) Once updated save the configuration and click on the saved node in the manage node panel.
 8) Click on launch node button and see if any error in connecting the host over ssh. In case of any error related to ssh connection, resolve the same and retry.



The screenshot shows the Jenkins Master console for node4. The browser tabs include Docker Hub, ganeshhp/provision-dig, Getting Started with Kuli, DigitalOcean - Droplets, Scaling Microservices, and node4 [Jenkins]. The URL is localhost:8080/computer/node4/. The Jenkins header shows the user 'ganesh' and a 'log out' button. The left sidebar has links: Back to List, Status, Delete Agent, Configure, Build History, Load Statistics, and Log. The main content area shows 'Agent node4 (slave node)' with a status of 'This node is being launched. See log for more details.' and a 'Relaunch agent' button. Below this, the 'Labels' section shows 'slave-node' and the 'Projects tied to node4' section shows 'None'. A 'Mark this node temporarily offline' button is in the top right. The footer indicates the page was generated on Aug 14, 2017, at 10:34:53 AM IST, with a 'REST API' link and 'Jenkins ver. 2.60.2'.

- 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.



The screenshot shows the Jenkins Master console for node2. The browser tabs include Docker Hub, ganeshhp/provision-dig, Getting Started with Kuli, DigitalOcean - Droplets, Scaling Microservices, and node2 log [Jenkins]. The URL is localhost:8080/computer/node2/log. The Jenkins header shows the user 'ganesh' and a 'log out' button. The left sidebar has links: Back to List, Status, Delete Agent, Configure, Build History, Load Statistics, and Log. The main content area shows the log entry: '[08/14/17 10:35:11] [SSH] Opening SSH connection to 192.168.33.108:22.' and a 'Build Executor Status' button. The footer indicates the page was generated on Aug 14, 2017, at 10:35:11 AM IST, with a 'REST API' link and 'Jenkins ver. 2.60.2'.