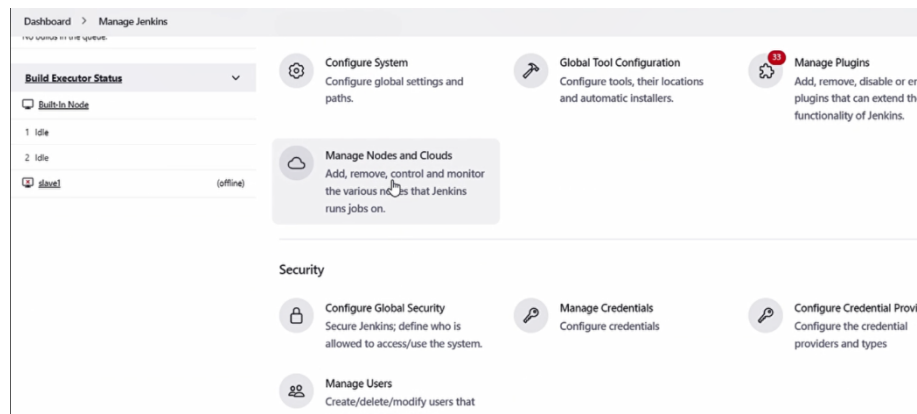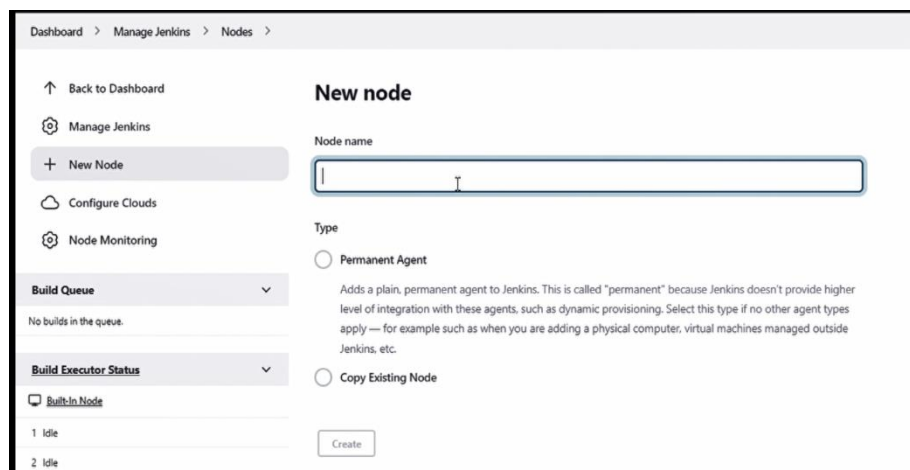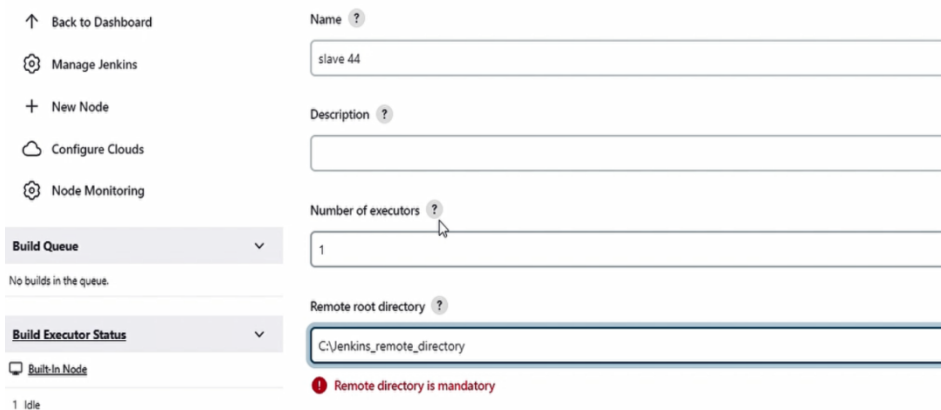**Procedure :**

1. Log in to your Jenkins on the dashboard click manage Jenkins and in that section go to Manage nodes and clouds .

2. After that click on new node and create a new node , name it and select permanent agent .

3. Now in remote root directory , add this path wherever your Jenkins is installed .

4. Also add a label name and keep the rest unchanged and then apply and save it .

5. Now go the main dashboard and click the node we names (slave) and in status section download the jar file in the dialogue code box .

6. Then also the copy this link in first dialogue box ;

7. After that go to the main jenkins dashboard and refresh the page and select a simple maven project (non-pipelined) , like first maven code we discussed .

8. Now select the option ; Restrict where this project can run .. and in the label input add your project nodes slave node .

Configuration

- General
- Source Code Management
- Build Triggers
- Build Environment
- Build Steps
- Post-build Actions

[Plain text] Preview

☐ Discard old builds ?

☐ GitHub project

☐ This project is parameterized ?

☐ Throttle builds ?

☐ Execute concurrent builds if necessary ?

☑ Restrict where this project can be run ?

Label Expression ?

neels_slave

⚠ No agent/cloud matches this label expression. Did you mean 'slave1' instead of 'neel'?

Advanced...

Save   Apply

9. Click on apply and save . then go the dashboard , refresh the page and access the slave on cloud .

Build Executor Status   ∨

🖥 Built-In Node

1 Idle

2 Idle

🖥 slave 44

🗑 Delete Agent

⚙ Configure

▣ Build History   (offline)

〰 Load Statistics
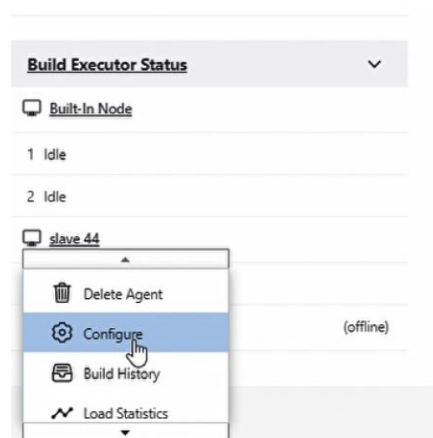
10. Now without changing other vital tools go to the Add tools locations and select Git(default) option , and enter the link of installed Git on your PC . Also add path to java Apply and Save .

11. This is the new status change in slave node :
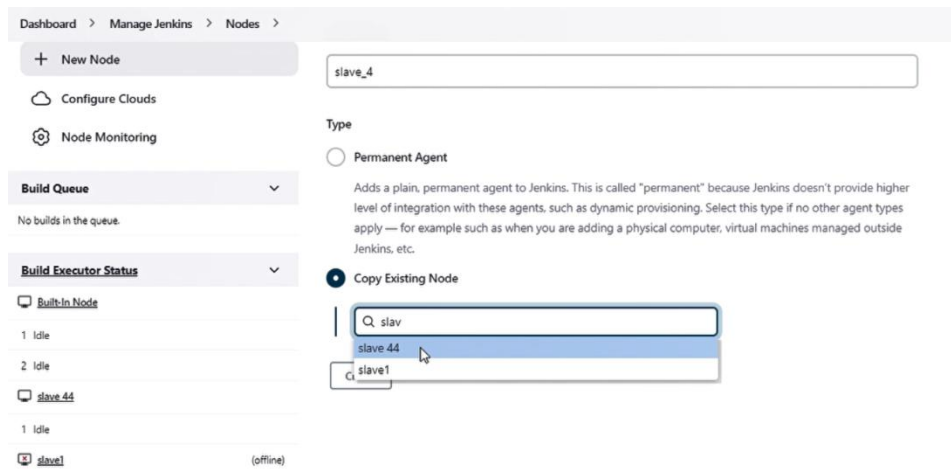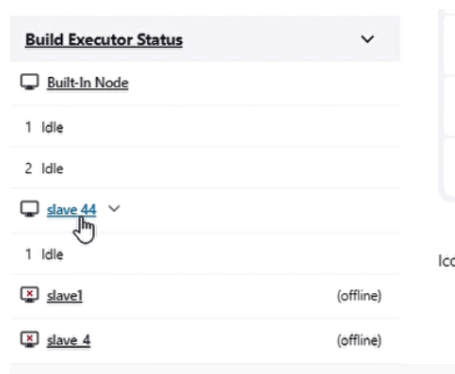

12. Now again go the the dashboard , refresh the page go in manage Jenkins and click nodes .

13. You can also create such slaves by migrating previously created data of a slave :

14. So access nodes from the build execution column

15. On success of slave nodes , here's how the overview of slave node (called by label) appears and the project we scaled using the slave node .