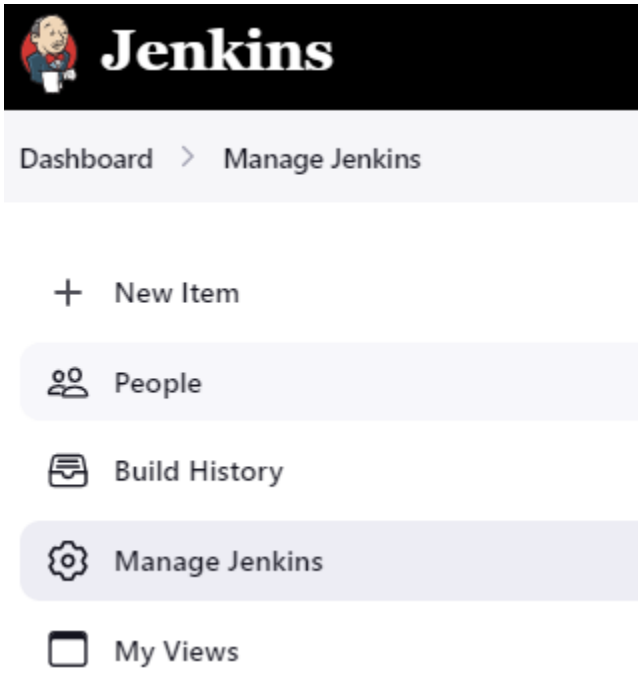
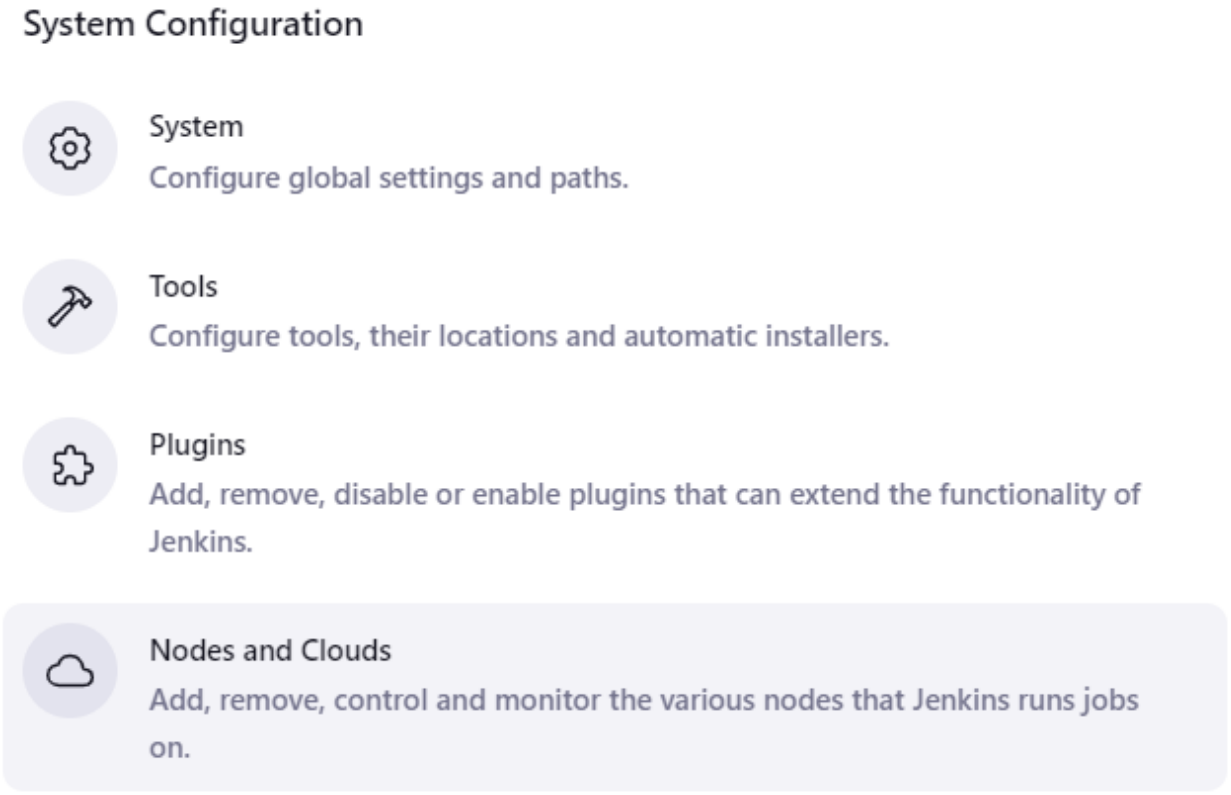
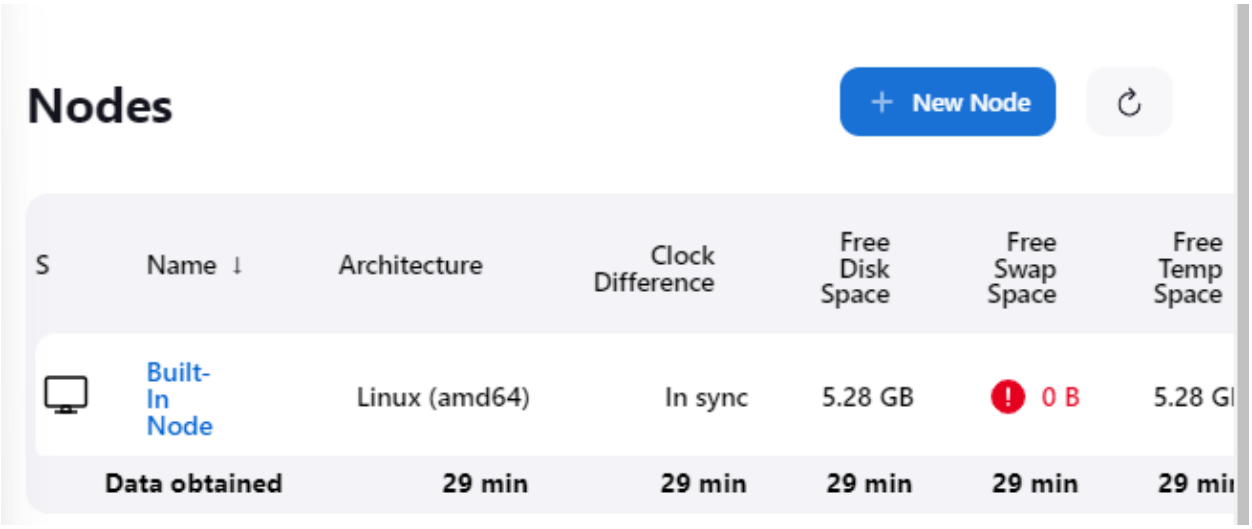
1. Open Jenkins through AWS EC2. In the Dashboard, click on **"Manage Jenkins"**



2. Here click on **"Nodes and Clouds"**

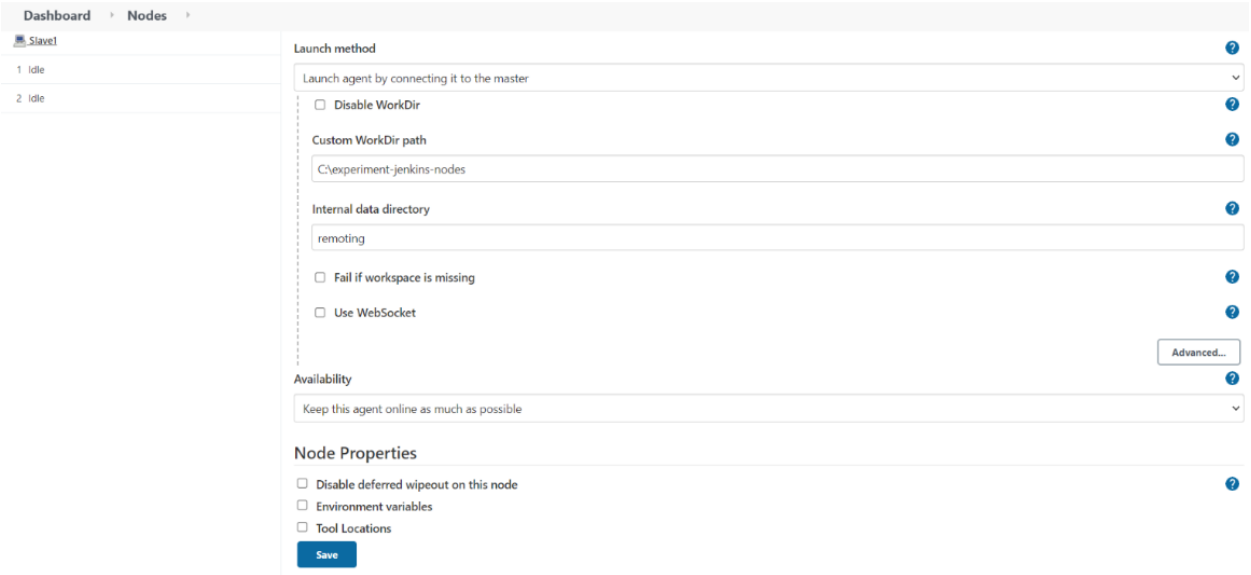


3. Click on **"+New Node"** in order to add a new node.

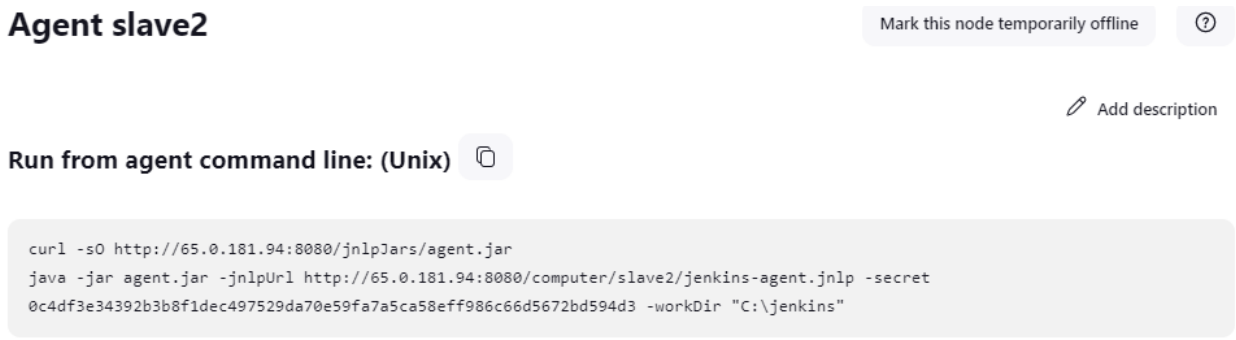


4. Configure the New Node as following:

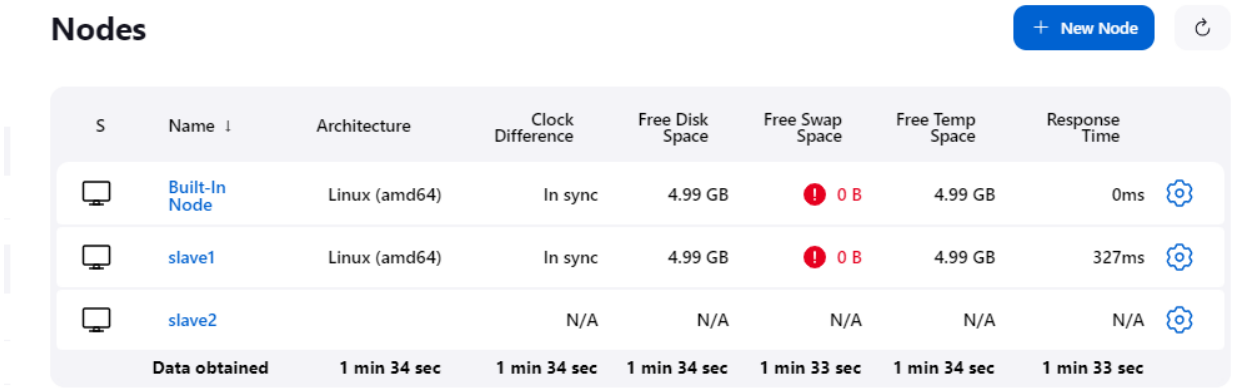
Enable "Use Websocket"



6. The new slave node will be offline for a while, and if all configuration are correct it may start on its own. Otherwise, use the following command in the Ubuntu terminal to connect it to the master node.



7. We have setup the slave nodes, and they are online now.



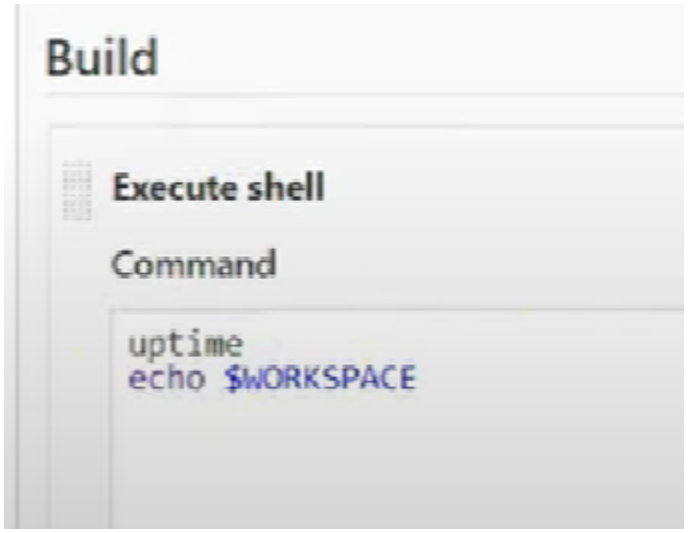
S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space	Response Time
	Built-In Node	Linux (amd64)	In sync	4.99 GB	0 B	4.99 GB	0ms
	slave1	Linux (amd64)	In sync	4.99 GB	0 B	4.99 GB	327ms
	slave2		N/A	N/A	N/A	N/A	N/A
	Data obtained	**1 min 34 sec**	**1 min 34 sec**	**1 min 34 sec**	**1 min 33 sec**	**1 min 34 sec**	**1 min 33 sec**

8. Go back to the Jenkins Dashboard, and click on **"New Item"** and create a new **"Freestyle Project".**

Give a name and description to it.

Configure the following and restrict it to slave1.

9. Write the following shell commands to be executed on the build.



10. Type uptime on the console

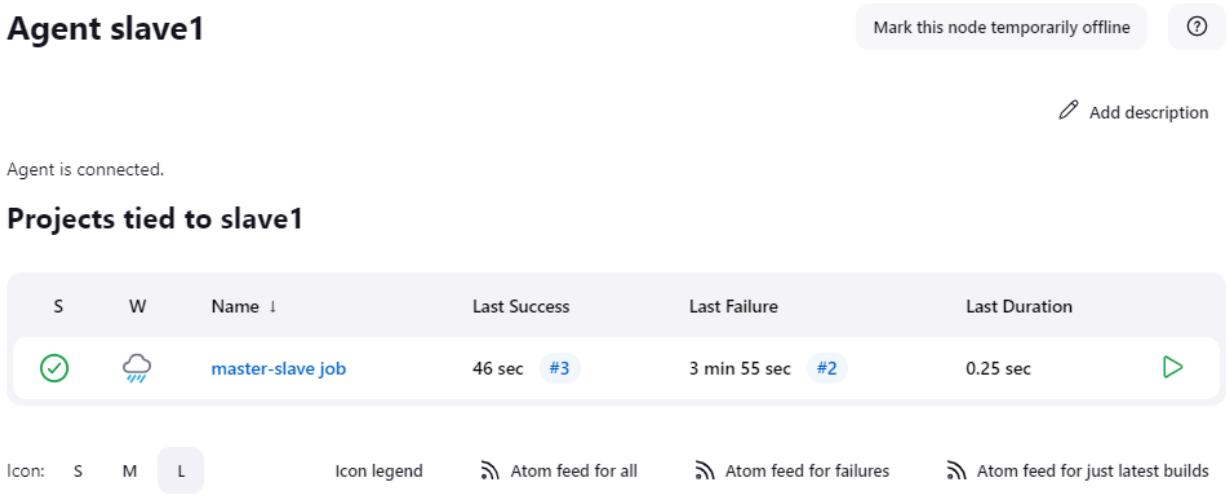
```
ubuntu@ip-172-31-3-241:~$ uptime
 06:40:31 up  1:04,  1 user,  load average: 0.04, 0.12, 0.06
ubuntu@ip-172-31-3-241:~$
```

11. Click on **"Build Now".** If everything's fine, then the **"Console Output"** should display Success.

Console Output

```
Started by user Subrato
Running as SYSTEM
Building remotely on slave1 in workspace C:\jenkins\workspace\master-slave job
[master-slave job] $ /bin/sh -xe /tmp/jenkins6874054486730794371.sh
+ uptime
 06:50:34 up  1:14,  1 user,  load average: 0.06, 0.08, 0.04
+ echo C:\jenkins\workspace\master-slave job
C:\jenkins\workspace\master-slave job
Finished: SUCCESS
```

12. Check on slave1.



13. Click on **"Build History"** to check the following.