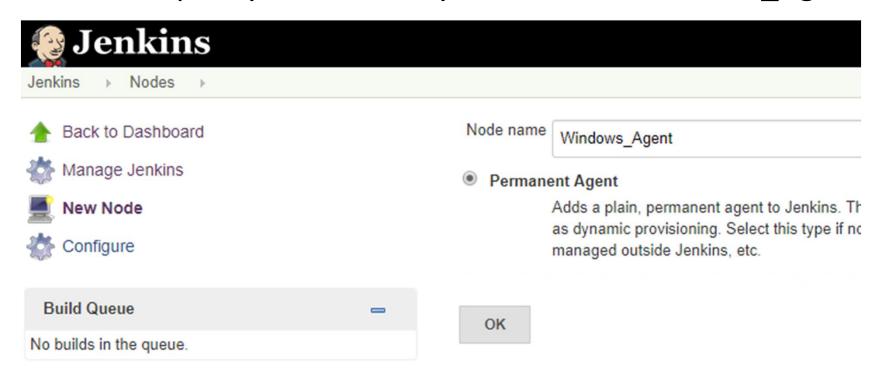
# Jenkins – Master Agent Set up On Windows

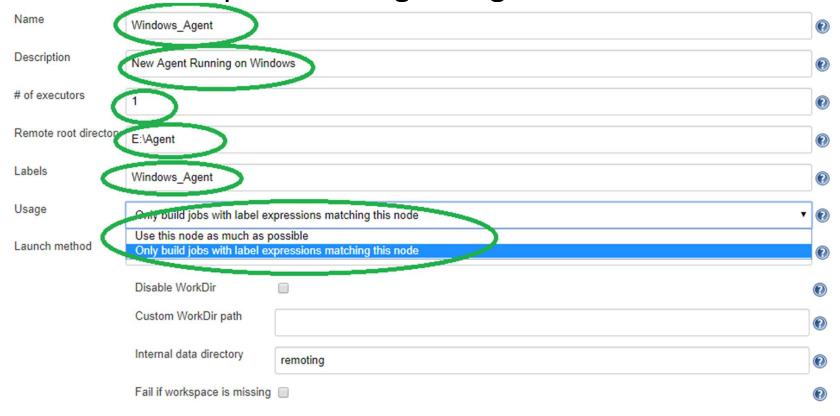
Manage Jenkins > Manage Nodes



New Node > Specify a Name for your Node >"Windows\_Agent"



Provision Node as per following configuration



Click on the New Windows\_Agent

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space
	master	Windows 10 (x86)	In sync	511.12 GB	4.01 GB	511.12 GB
×	Windows_Agent ▼		N/A	N/A	N/A	N/A
	Bata obtained	44 sec	44 sec	44 sec	44 sec	44 sec

• Save 'agent.jar' and the command for launching New Agent



Agent Windows\_Agent (New Agent Running on Windows)

Connect agent to Jenkins one of these ways:

- Launch agent from browser
- Run from agent command line:

java -jar agent.jar -j lpUrl http://localhost:8080/computer/Windows\_Agent/slave-agent.jnlp -secret
48ba30f47a\_27d6dc2d2ac778ce2e898ab426f03af7f013935f1ea9b12c1b43d -workDir "E:\Agent"

#### Projects tied to Windows\_Agent

S	W	Name ↓	Last Success	Last Failure	La:
	*	Agent_Job	7 days 13 hr - <u>#1</u>	N/A	5.7

- Copy 'agent.jar' in the Agent Home Directory
- Open a command prompt in Agent Home Directory

```
🚾 C:\Windows\System32\cmd.exe - java -jar agent.jar -jnlpUrl http://localhost:8080/computer/Windows_Agent/slave-agent.jnlp -secret 48ba30f478d27d6dc2d16c778ce2e898ab426f03af7f013935f1ea9b12c1b43d -workDir "E:...
Microsoft Windows [Version 10.0.17134.950]
(c) 2018 Microsoft Corporation. All rights reserved.
E:\Agent>java -jar agent.jar -jnlpUrl http://localhost:8080/computer/Windows Agent/slave-agent.jnlp -secret 48ba30f478d2
7d6dc2d16c778ce2e898ab426f03af7f013935f1ea9b12c1b43d -workDir "E:\Agent"
Sep 04, 2019 11:48:56 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using E:\Agent\remoting as a remoting work directory
Both error and output logs will be printed to E:\Agent\remoting
Sep 04, 2019 11:48:59 AM hudson.remoting.jnlp.Main createEngine
INFO: Setting up agent: Windows Agent
Sep 04, 2019 11:48:59 AM hudson.remoting.jnlp.Main$CuiListener <init>
INFO: Jenkins agent is running in headless mode.
Sep 04, 2019 11:48:59 AM hudson.remoting.Engine startEngine
INFO: Using Remoting version: 3.29
Sep 04, 2019 11:48:59 AM org.jenkinsci.remoting.engine.WorkDirManager initializeWorkDir
INFO: Using E:\Agent\remoting as a remoting work directory
```

# **Check New Node Status**

S	Name ↓	Architecture	Clock Difference	Free Disk Space	Free Swap Space	Free Temp Space
	master	Windows 10 (x86)	In sync	511.12 GB	3.48 GB	511.12 GB
	Windows_Agent	Windows 10 (amd64)	In sync	264.71 GB	3.48 GB	511.12 GB
	Data obtained	1 min 25 sec	1 min 25 sec	1 min 25 sec	1 min 24 sec	1 min 25 sec