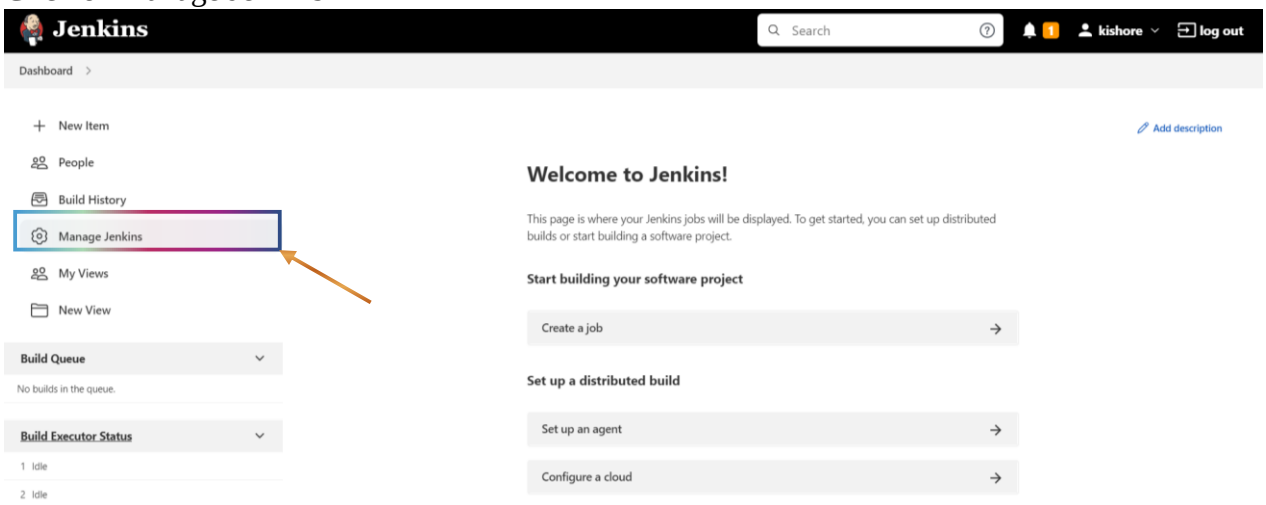
MASTER-SLAVE CONFIGURATION

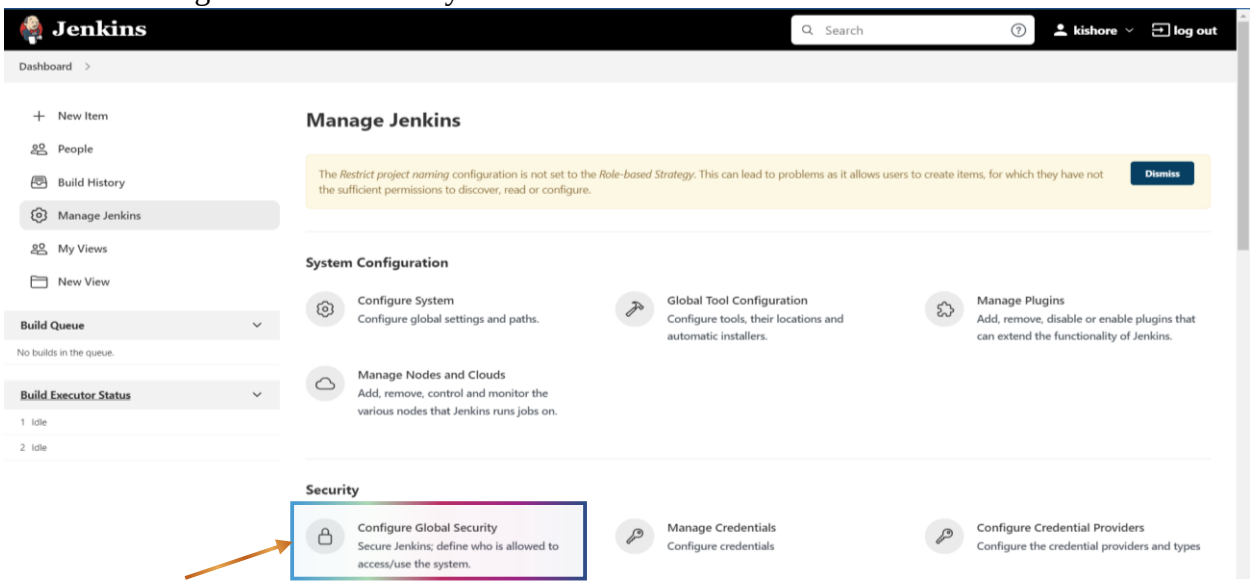
1. Creating slave node:

i) Open and Sign-in to Jenkins

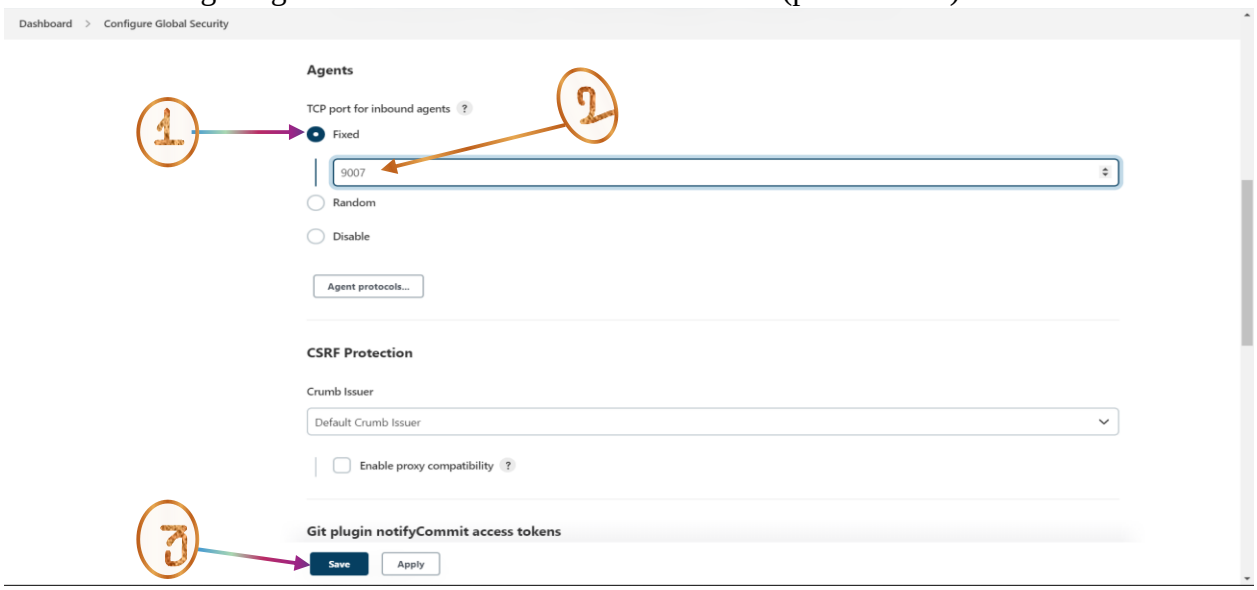
ii) Click on manage Jenkins



iii) Click on Configure Global Security

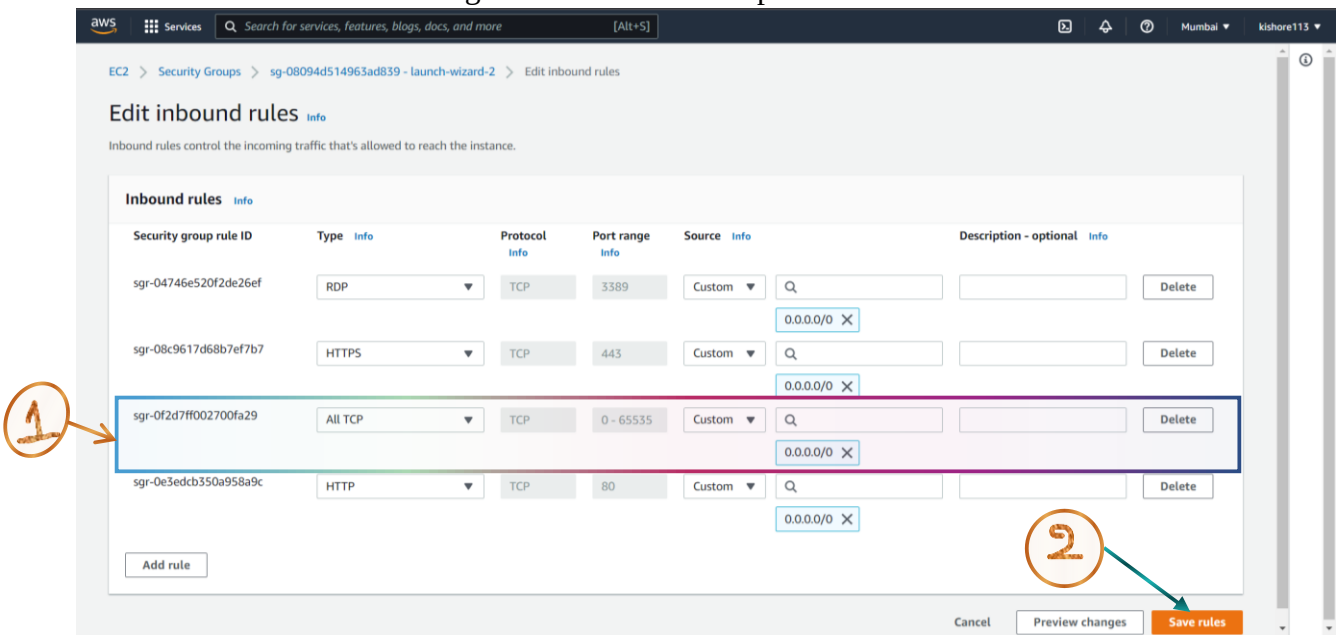


iv) Scroll down to get Agents and click on Fixed and enter 9007(port number) and click on save

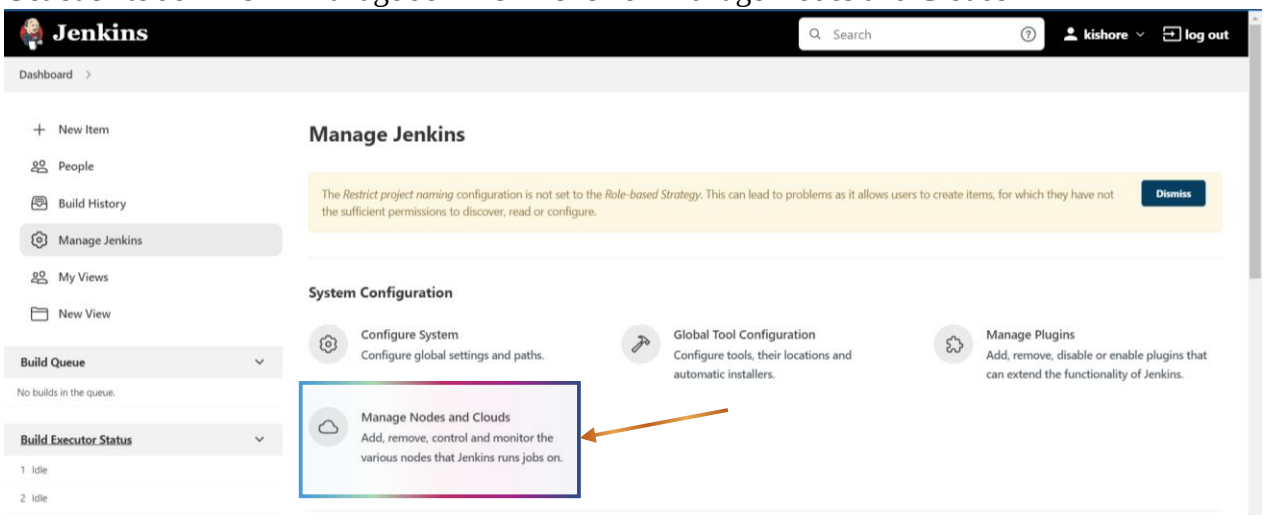


v) Goto AWS -> EC2 instances and open security group assigned to your instance

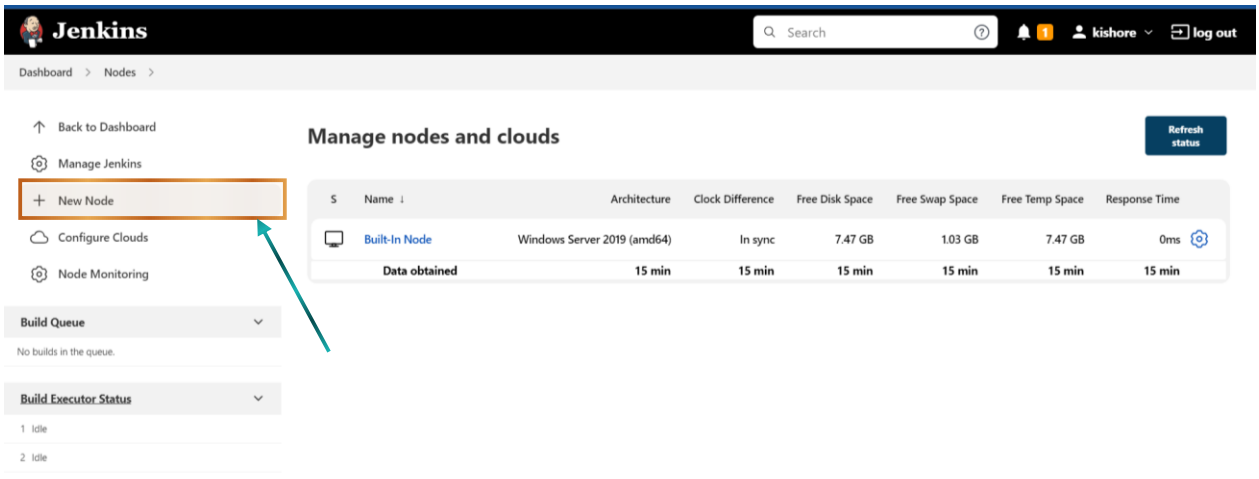
- edit the inbound rules and give access to all TCP ports and click on save rules.



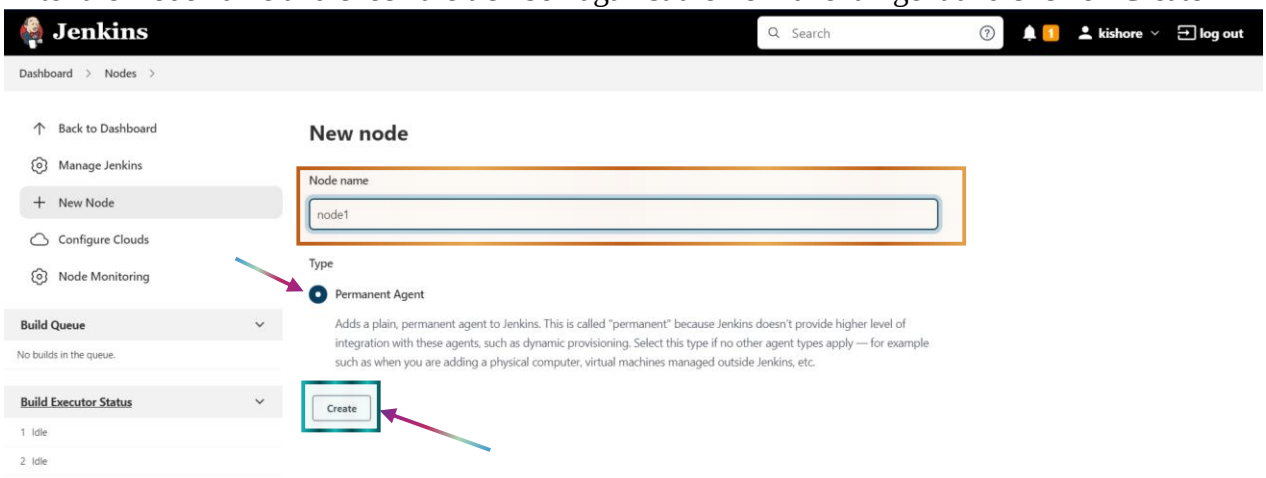
vi) Get back to Jenkins -> Manage Jenkins -> click on Manage Nodes and Clouds



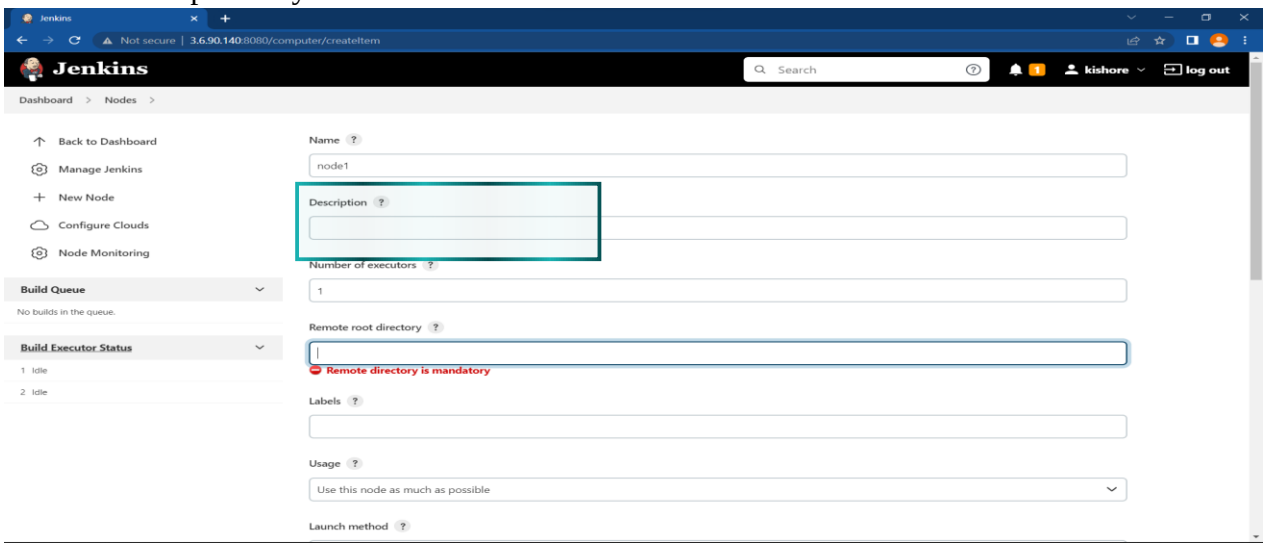
vii) Click on New Node



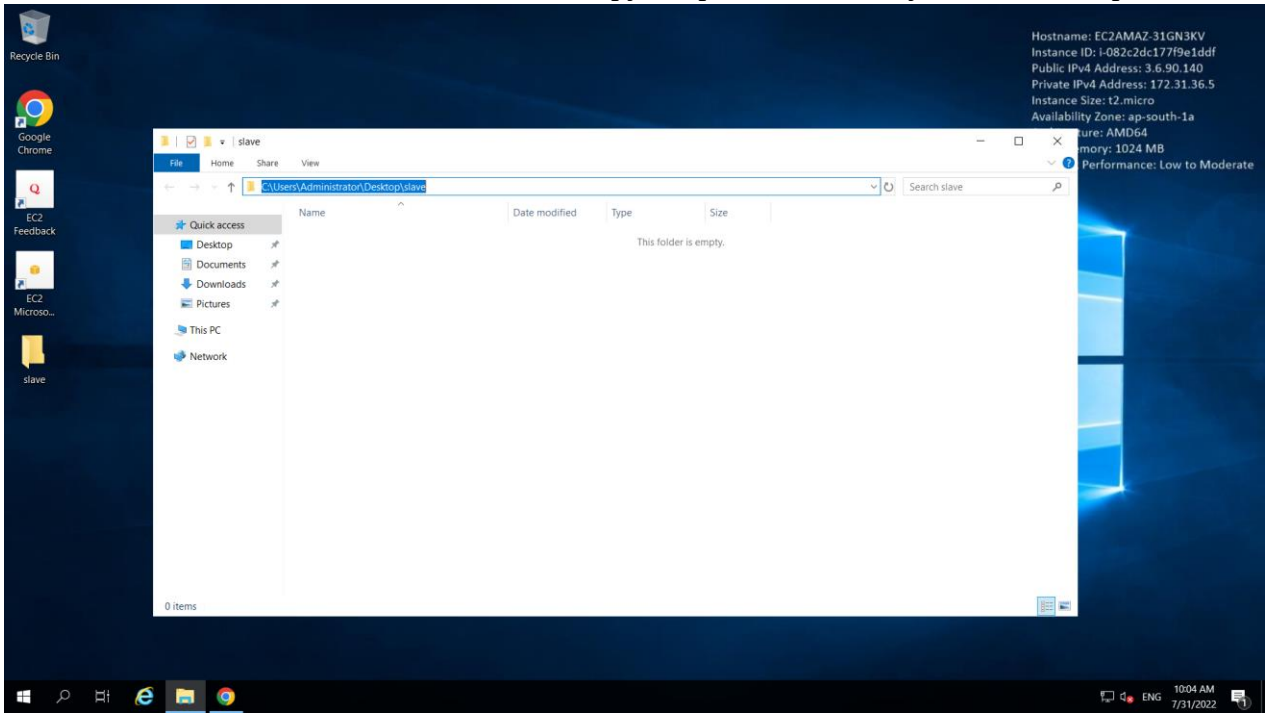
viii) Enter the Node name and check the tick box against the Permanent Agent and click on Create



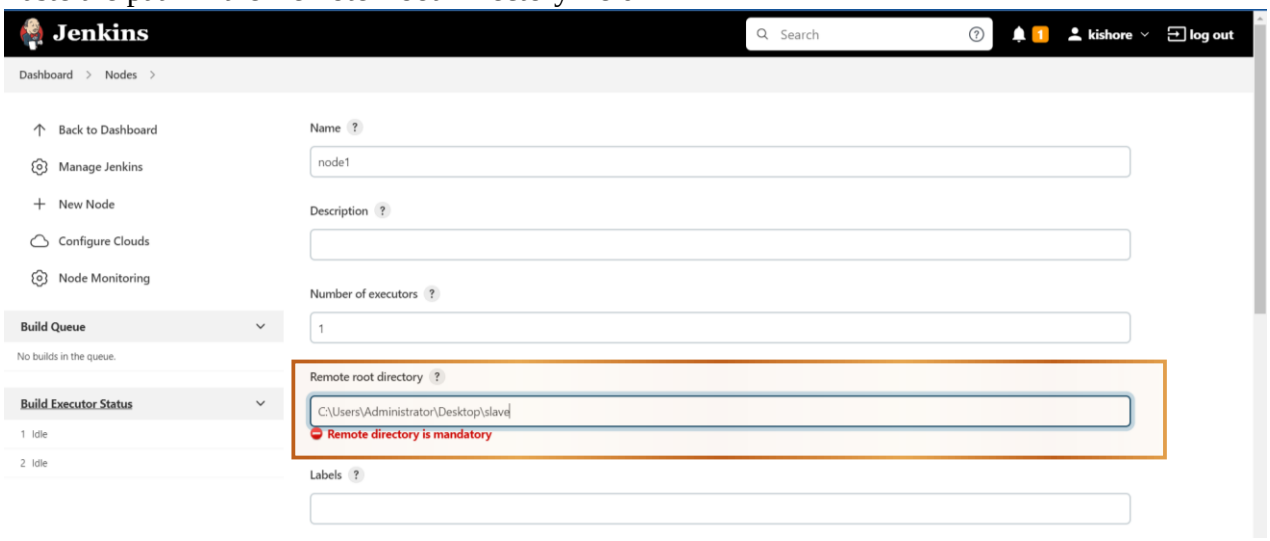
ix) Add the description if you wanna add it



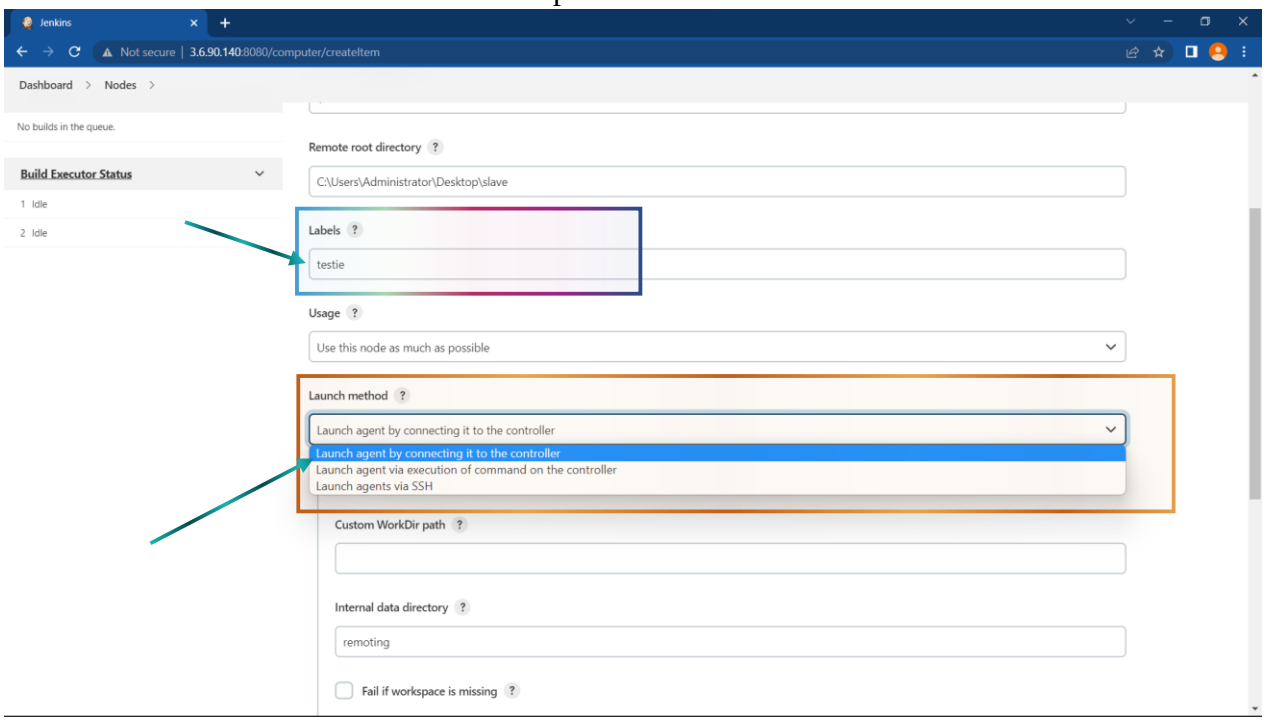
x) Next create a folder in the EC2 machine and copy the path of it where you want to keep the slave



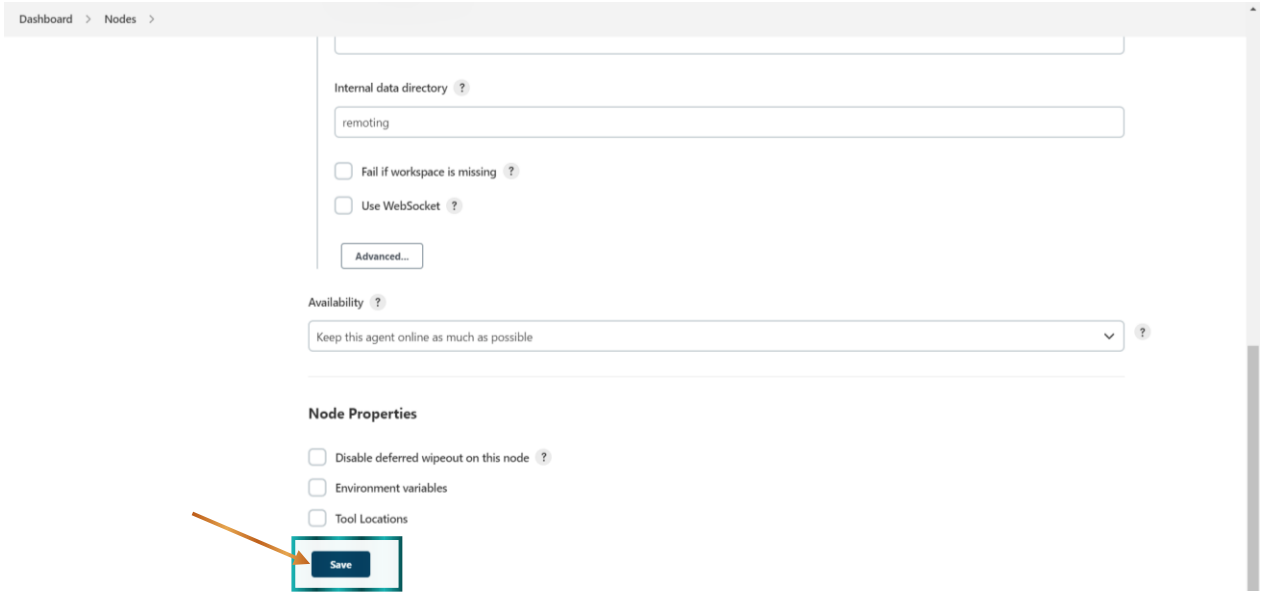
xi) Paste the path in the Remote Root Directory field



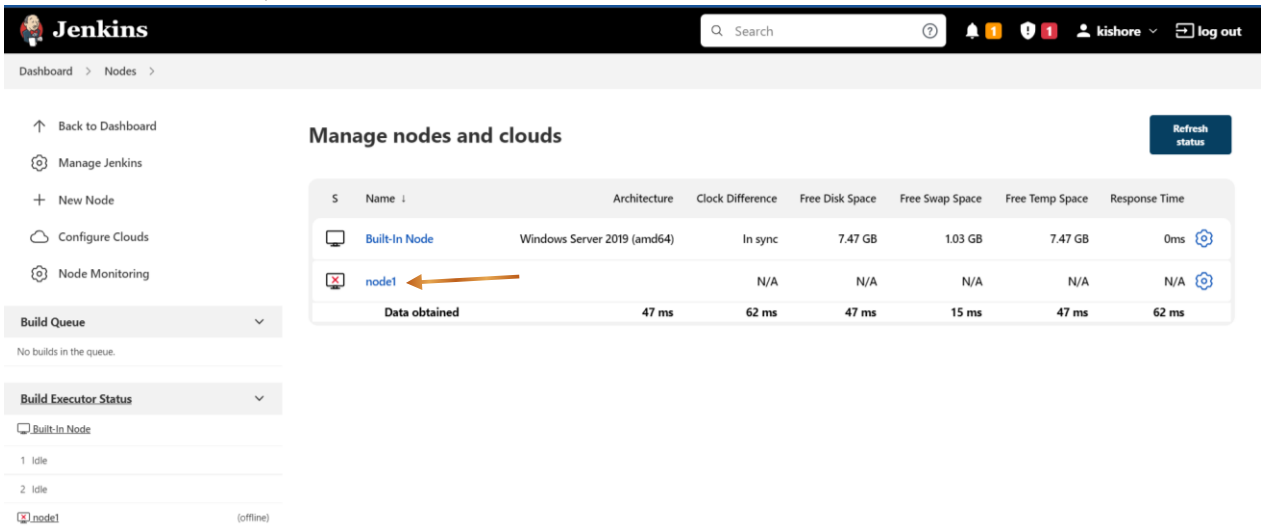
xii) Give the label name and select the below option for Launch method



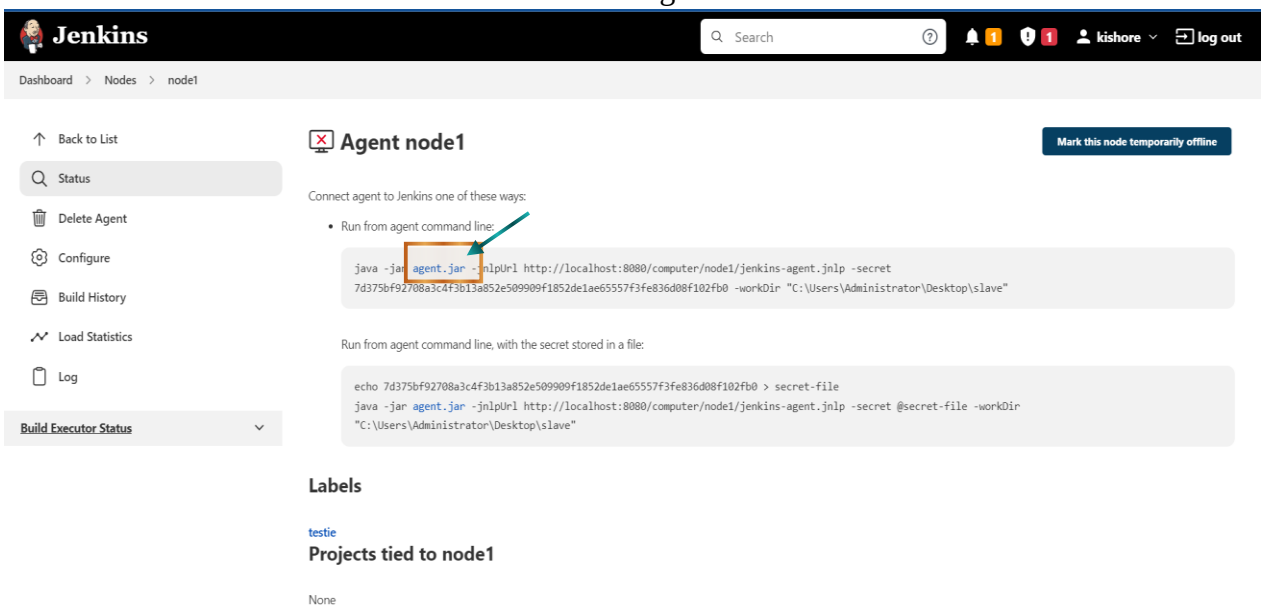
xiii) Scroll down and click on save



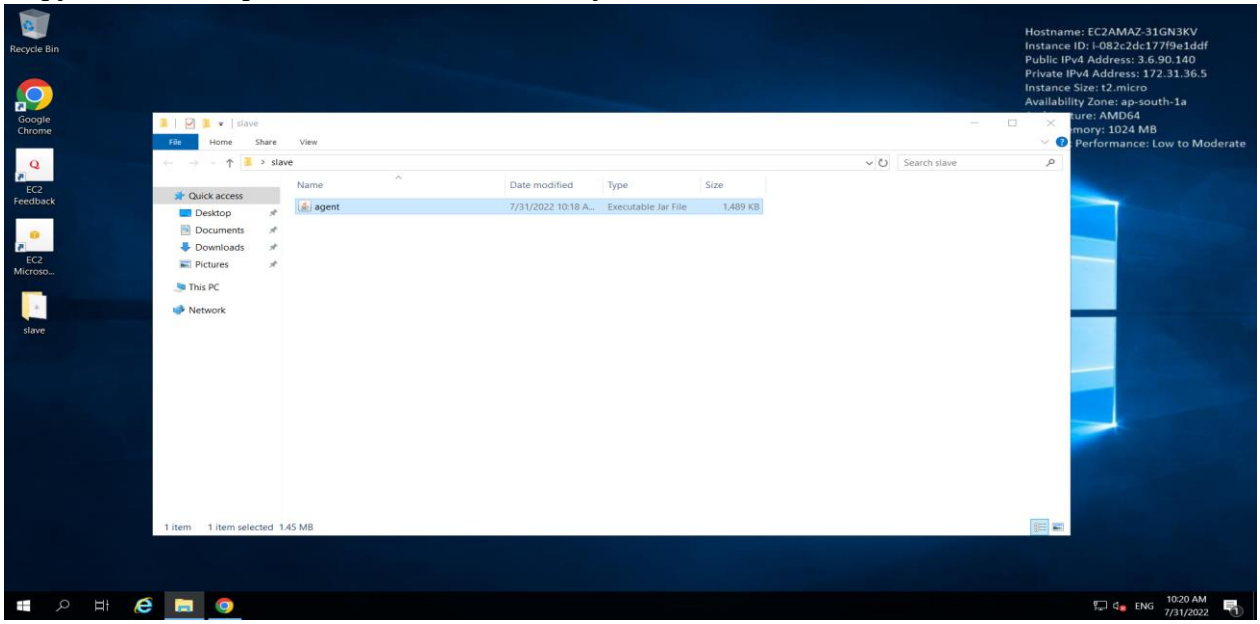
xiv) To activate the node, click on the node1



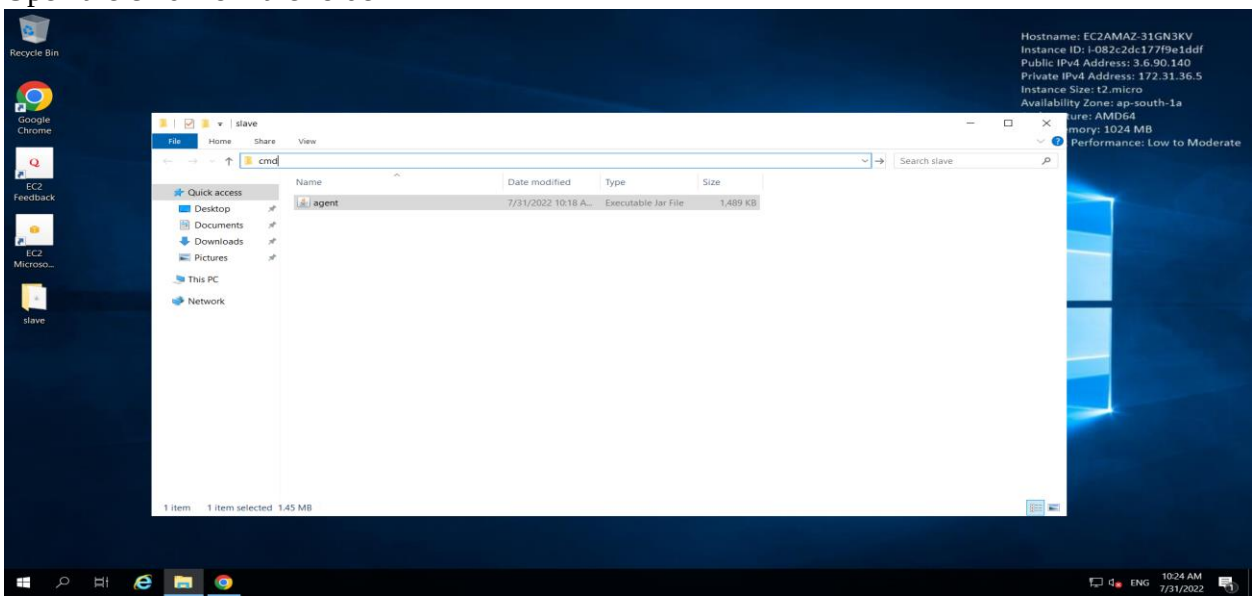
xv) Click on the Link and Jar file will start downloading



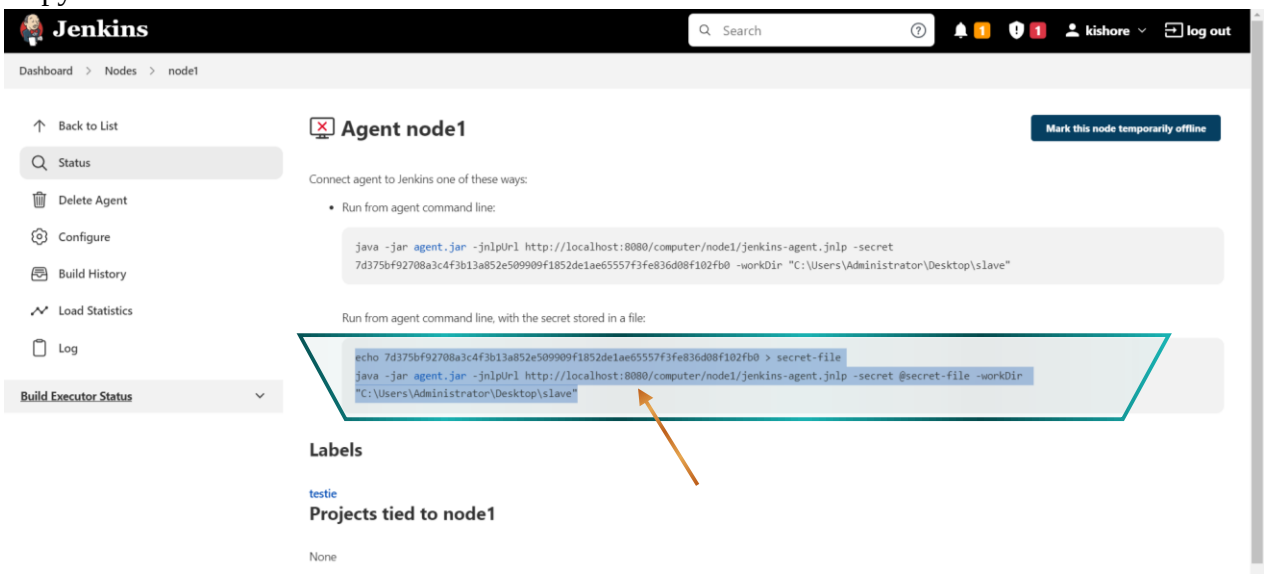
xvi) Copy that file and paste it in the folder which you have created earlier.



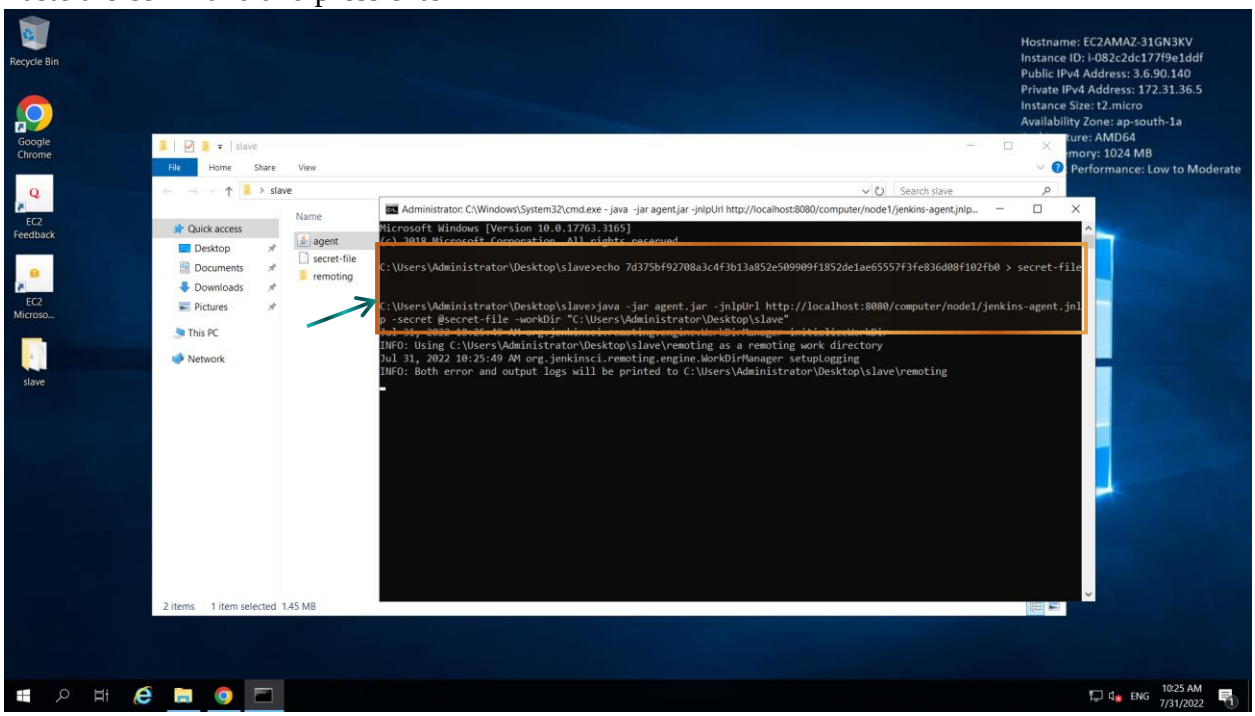
xvii) Open the cmd from the folder

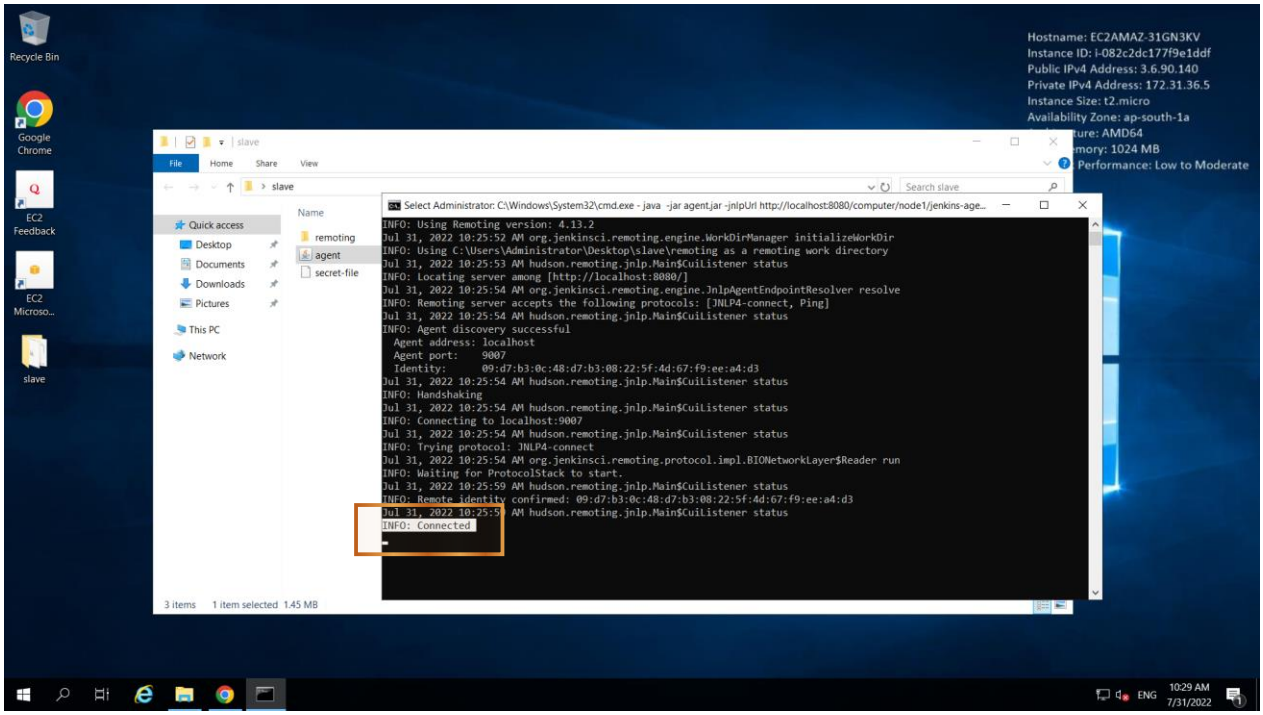


xviii) Copy the command

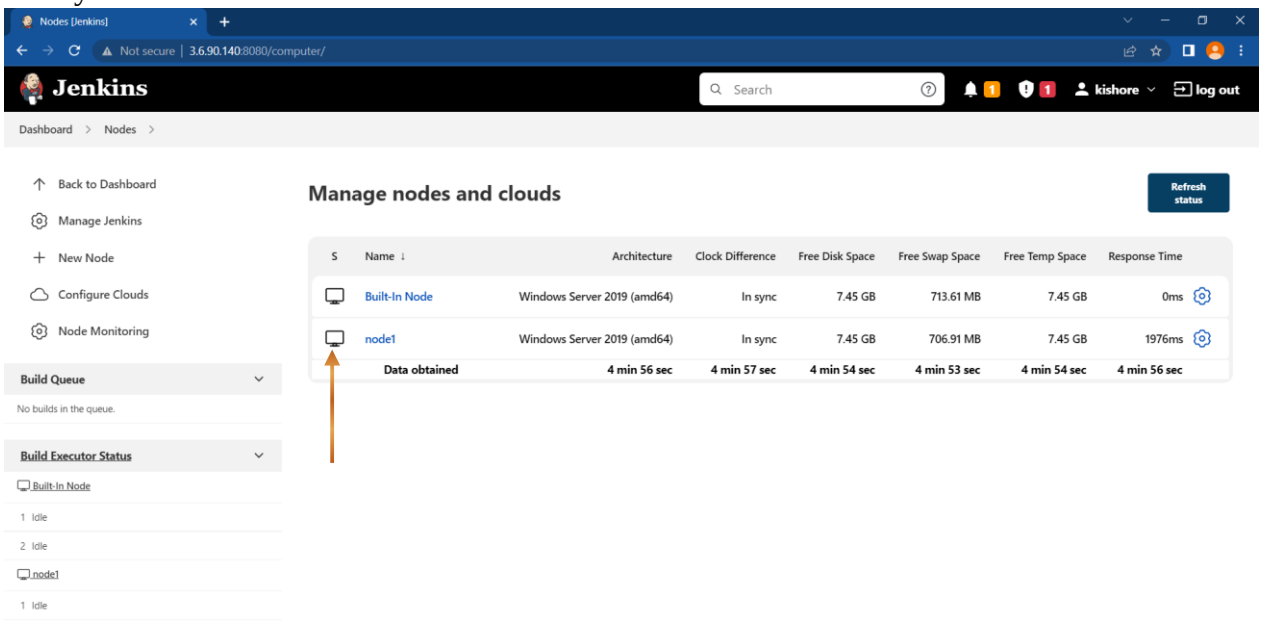


xix) Paste the command and press enter



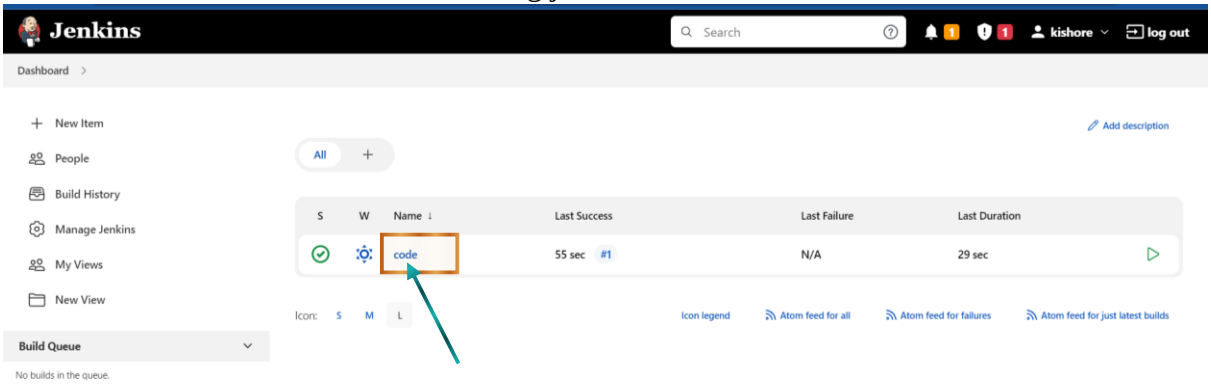


xx) Now you can the see the node will be activated

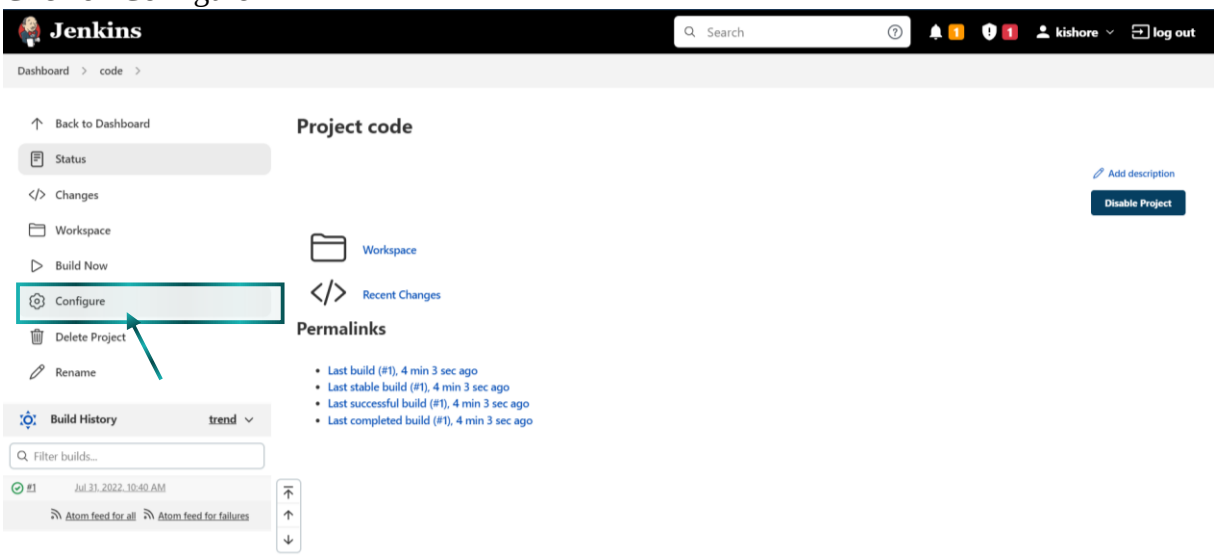


2. Assigning the existing job to the created slave node:

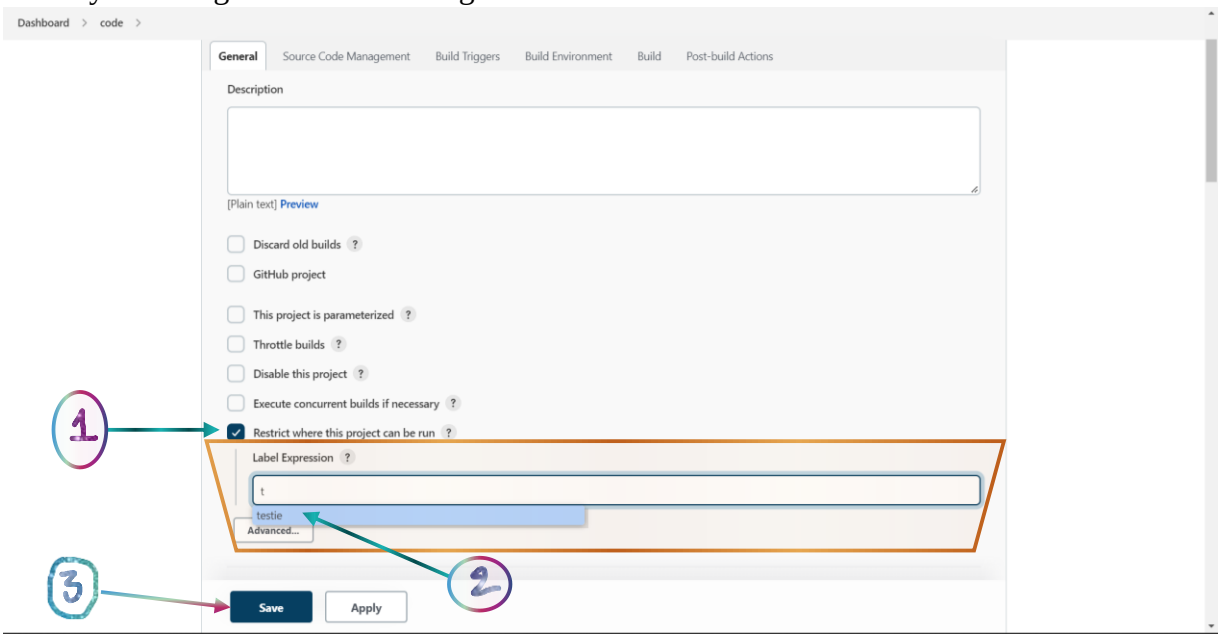
i. Go to Dashboard and click on the existing job



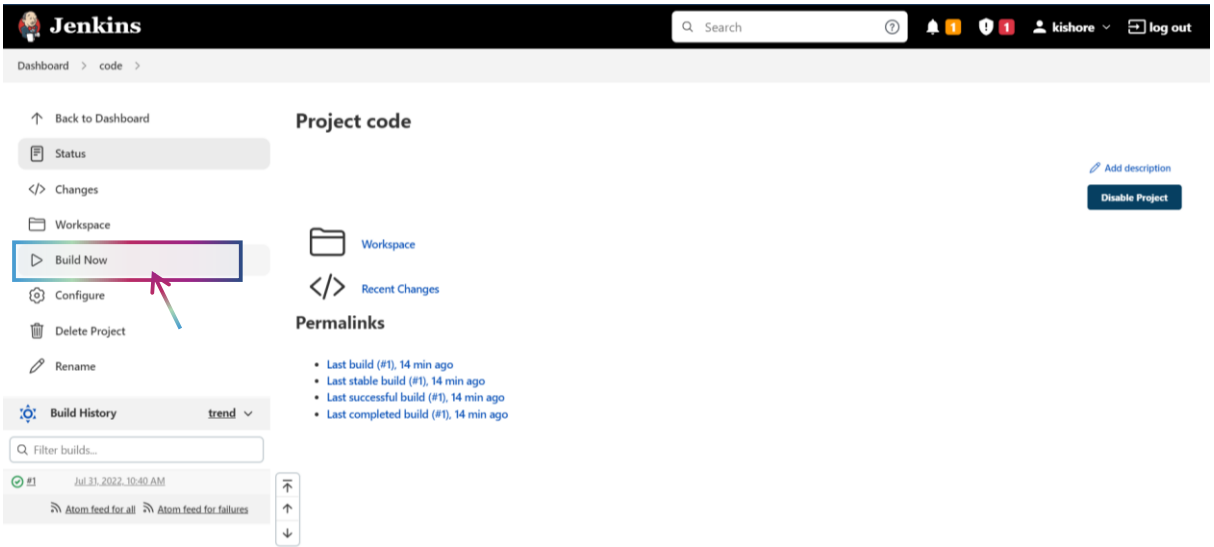
ii. Click on Configure



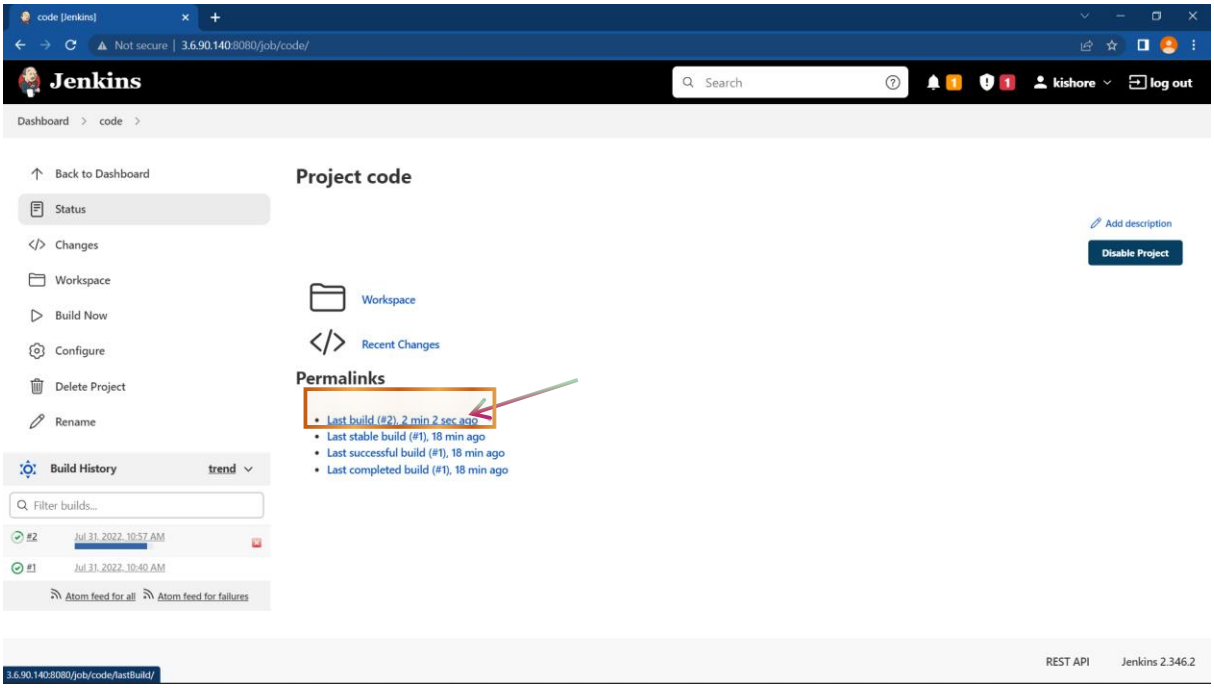
iii. Check the tickbox against 'Restrict where this project can be run' next give the label name which you have given while creating the slave node and click on Save.



iv. Click on Build Now



v. Click on the link



- Here we can see this is build by the node1 which we are created earlier.