Jenkins Launch Agent via SSH

The below steps are for Edureka DevOps Lab VMs only.

1. Create a ssh key in master vm from jenkins user

**sudo su**

**su - jenkins**

**ssh-keygen**

Don’t enter any details and just press Enter on every step.

1. Create a Jenkins user in the slave vm. Execute the below commands,

**sudo su**

**useradd jenkins -m -d /var/lib/jenkins -s /bin/bash**

1. Copy the ssh key from master vm to the slave

Execute the below command in the master vm

**cd .ssh/**

**cat id\_rsa.pub**

Switch to the slave vm and execute the below commands,

**su - jenkins**

**mkdir -p /var/lib/jenkins/.ssh**

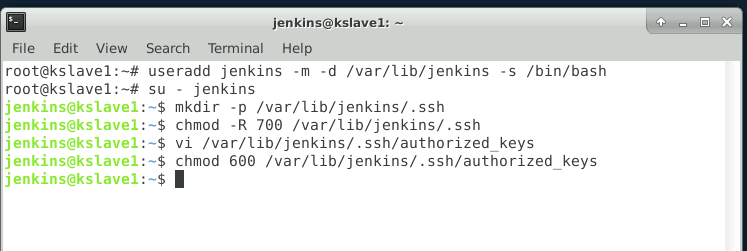
**chmod -R 700 /var/lib/jenkins/.ssh**

**vi /var/lib/jenkins/.ssh/authorized\_keys**

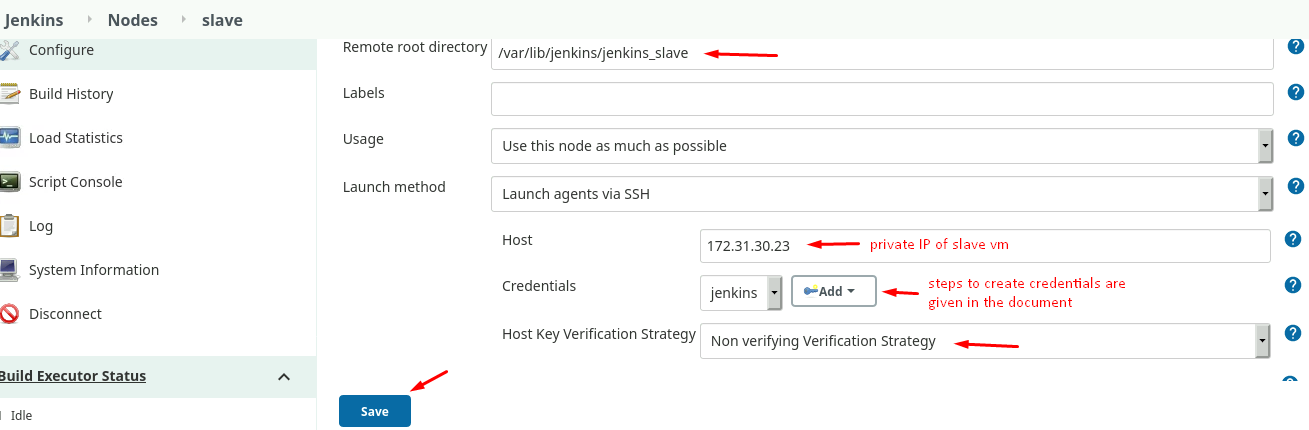
Press i and paste the key you copied from the master vm

Press **esc :wq Enter** to save and exit

**chmod 600 /var/lib/jenkins/.ssh/authorized\_keys**



1. Open jenkins dashboard in master vm and create an agent as below,



1. Create credentials.

In the above screen, click on Add button and create the credentials as below,

Kind: SSH Username with Private key

Username: jenkins

Private key: select Enter directly option and provide the private key.

Execute the below command in the master vm to get the private key

**cat .ssh/id\_rsa**

Copy the complete key and paste it in the credentials screen. The key should look like below,

-----BEGIN RSA PRIVATE KEY-----

...

-----END RSA PRIVATE KEY-----

After filling all the details click on Add

Save the agent.

1. Launch