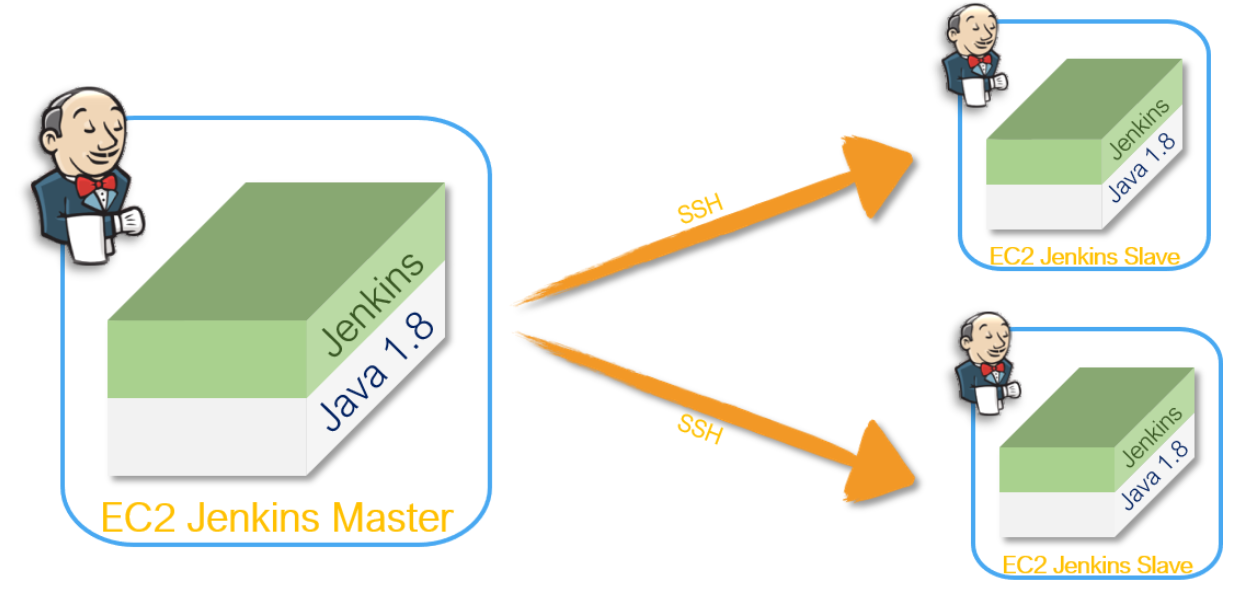
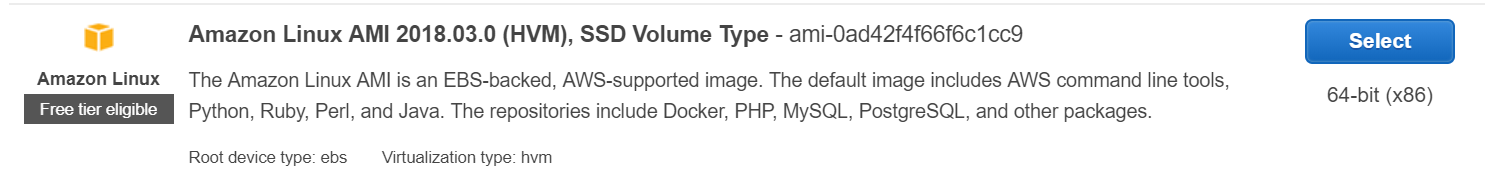
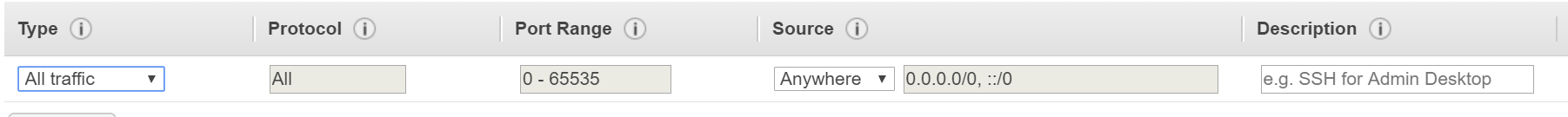
**Adding Jenkins Slave**



Step 1: Crete A EC2 as Jenkins Slave



Allow All traffic for this EC2 instance.



Step 2: Install Java Maven Git on Jenkins Slave node as well .

yum update -y

yum install git -y

sudo dnf install java-17-amazon-corretto

sudo dnf install java-17-amazon-corretto-devel

cd /opt

sudo wget https://dlcdn.apache.org/maven/maven-3/3.9.4/binaries/apache-maven-3.9.4-bin.tar.gz

sudo tar xvf apache-maven-3.9.4-bin.tar.gz

ls -ltr

cd

echo "export M2\_HOME=/opt/apache-maven-3.9.4" >> .bash\_profile

echo "export M2=$M2\_HOME/bin" >> .bash\_profile

echo "export PATH=$M2:$PATH" >> .bash\_profile

source ~/.bash\_profile

echo $M2\_HOME

Step 3 : Login to Jenkins EC2 Slave machine



Run below command on Jenkins Slave

Create user and add the user to wheel group

#useradd jenkins-slave-01

# Create SSH Keys

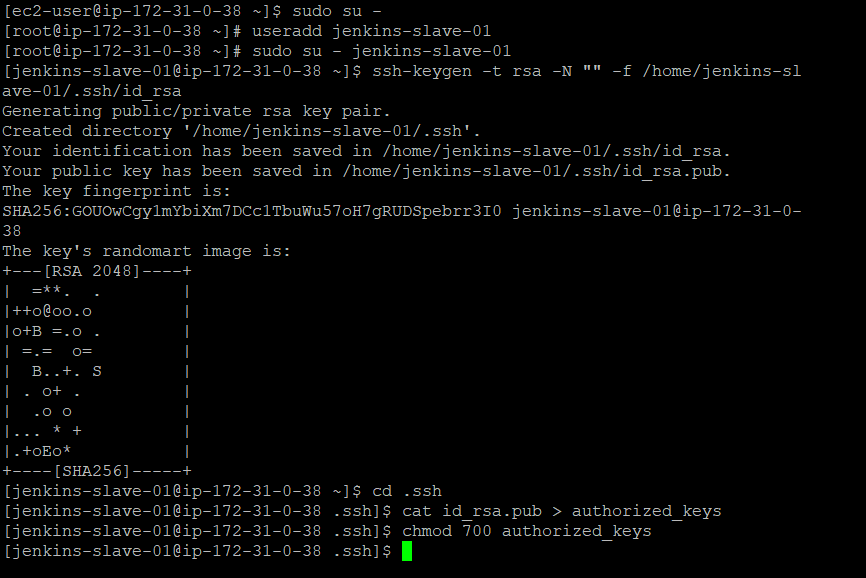
#sudo su - jenkins-slave-01

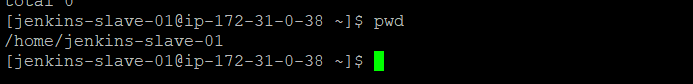
#ssh-keygen -t rsa -N "" -f /home/jenkins-slave-01/.ssh/id\_rsa

cd .ssh

cat id\_rsa.pub > authorized\_keys

chmod 700 authorized\_keys





Step 5: Login to Jenkinsmaster and scan the key for jenkinsS

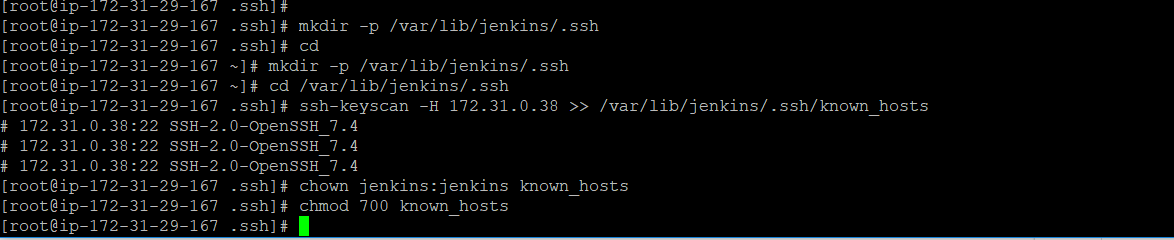
mkdir -p /var/lib/jenkins/.ssh

cd /var/lib/jenkins/.ssh

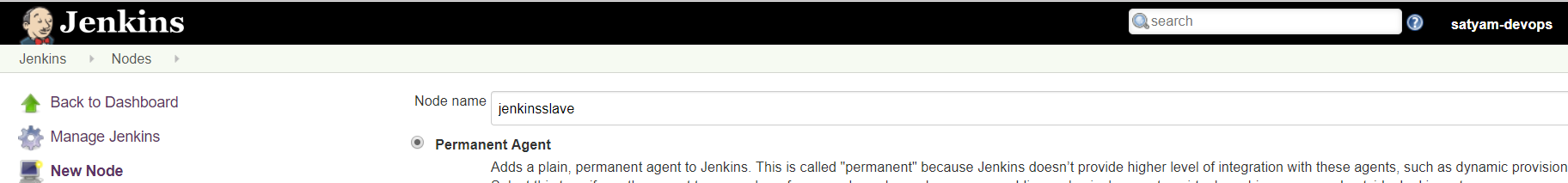
ssh-keyscan -H 172.31.45.2 >> /var/lib/jenkins/.ssh/known\_hosts

chown jenkins:jenkins known\_hosts

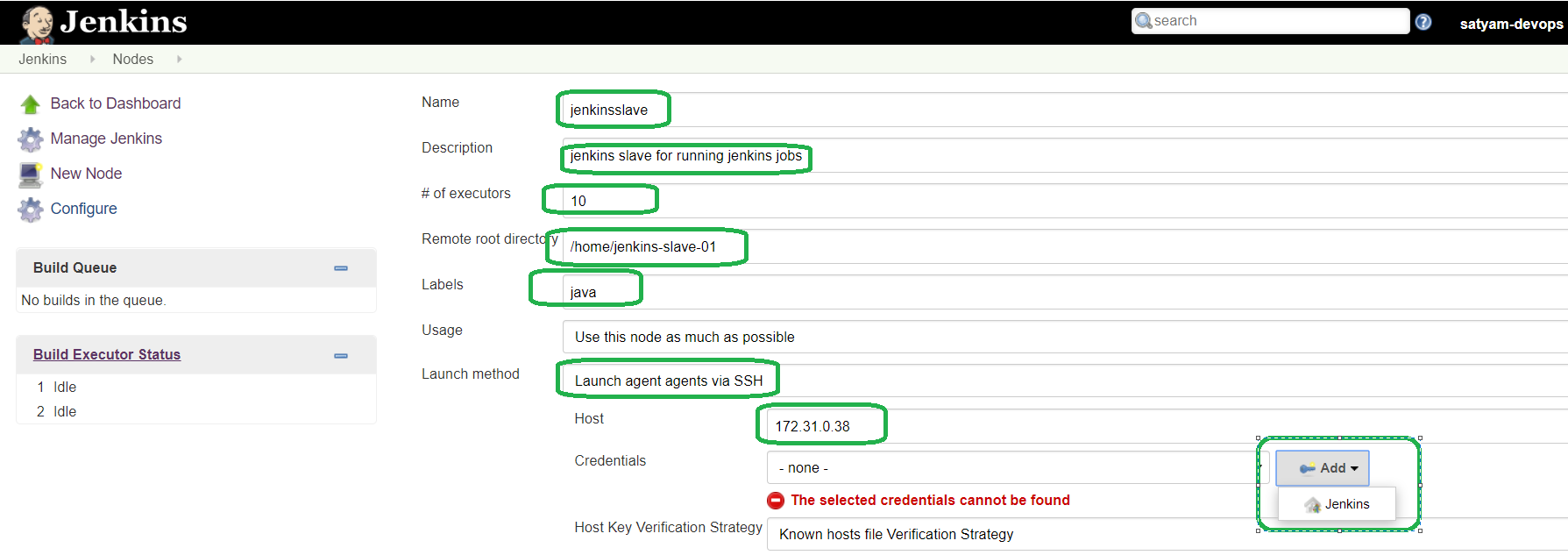
chmod 700 known\_hosts



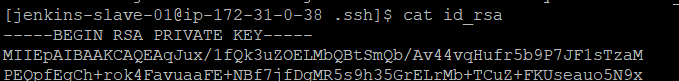
Step 6: Configure the Slave using Manage Jenkins

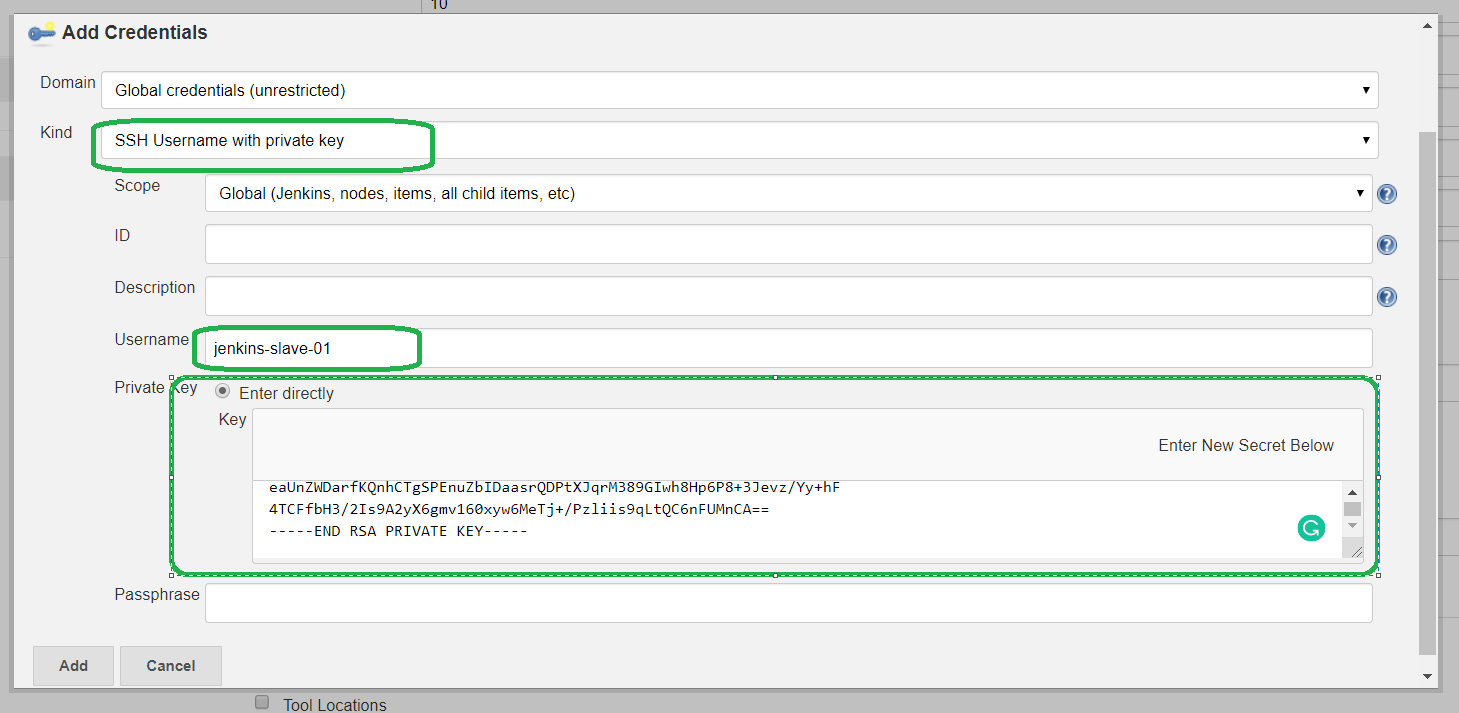


Step 7: Start filling the details

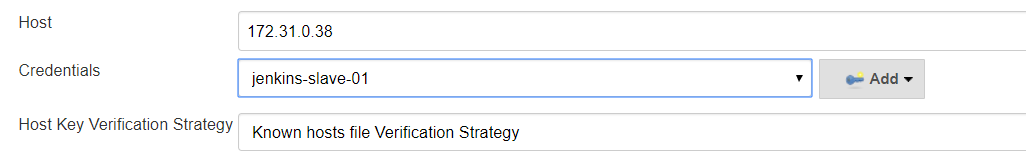


Step 8 : Add the credential’s , Find the key on Jenkins

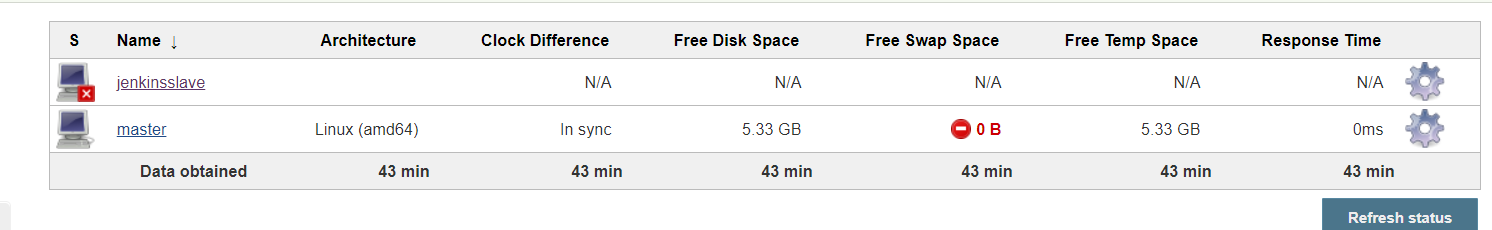


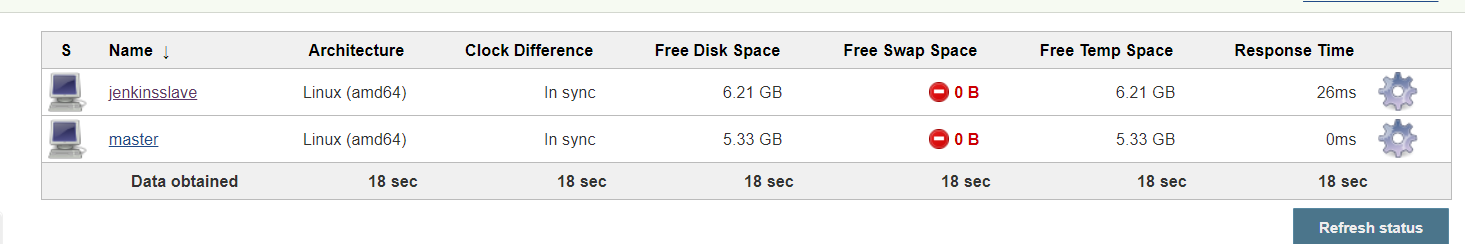


Step 9 : Select the User Id and for password we are using key then save it



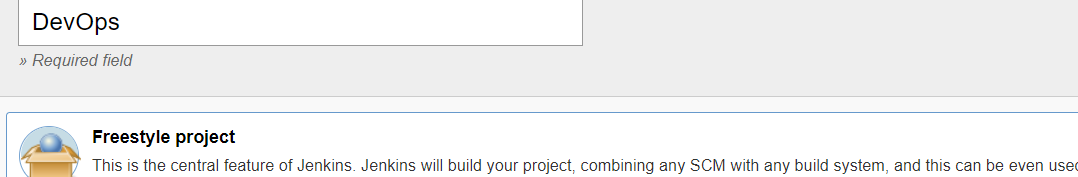
Step 10: Once you save it Jenkins Master will start taking to Jenkins Slave if everything is ohk, he will add



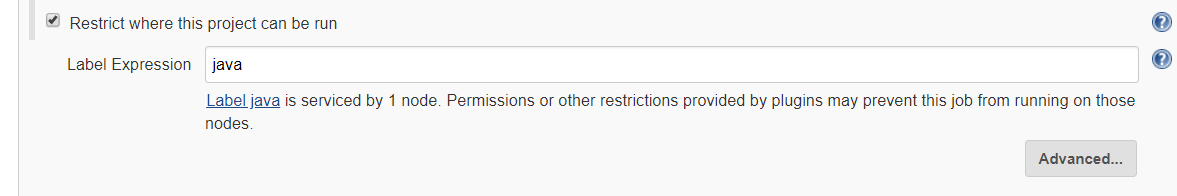


**Create a hello world jobs that run on our slave Node.**

Step 1 : Create Jobs in Jenkins use free style project .



Step 2: Under General tab of jenkins select



Step 3: Under build tab



Step 4 : Save apply and click on build now.

