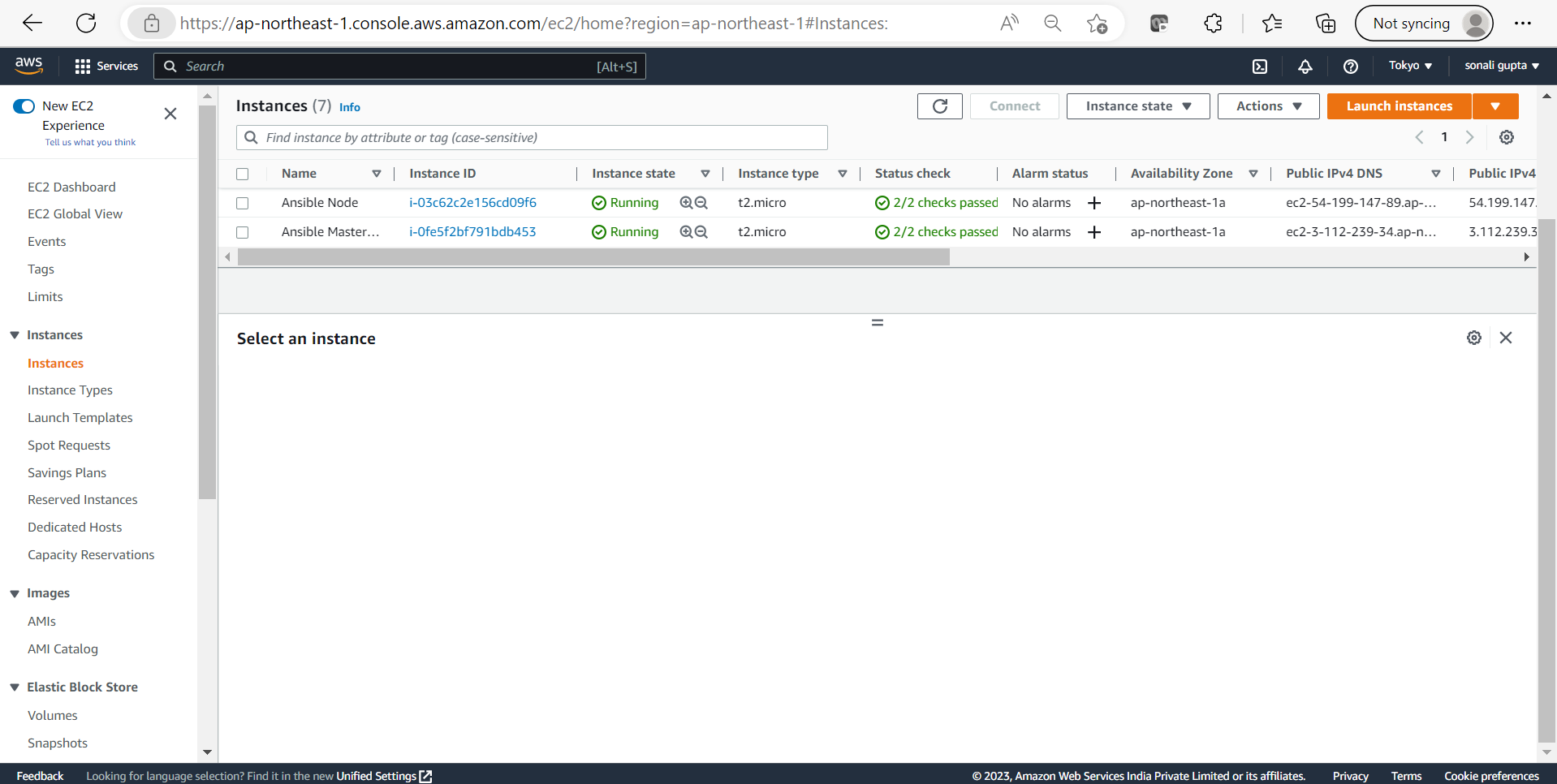
Assignment 2. Install ansible and connect the nodes to master and execute the adhoc commands on ansible masternode vm and test the packages installed or not

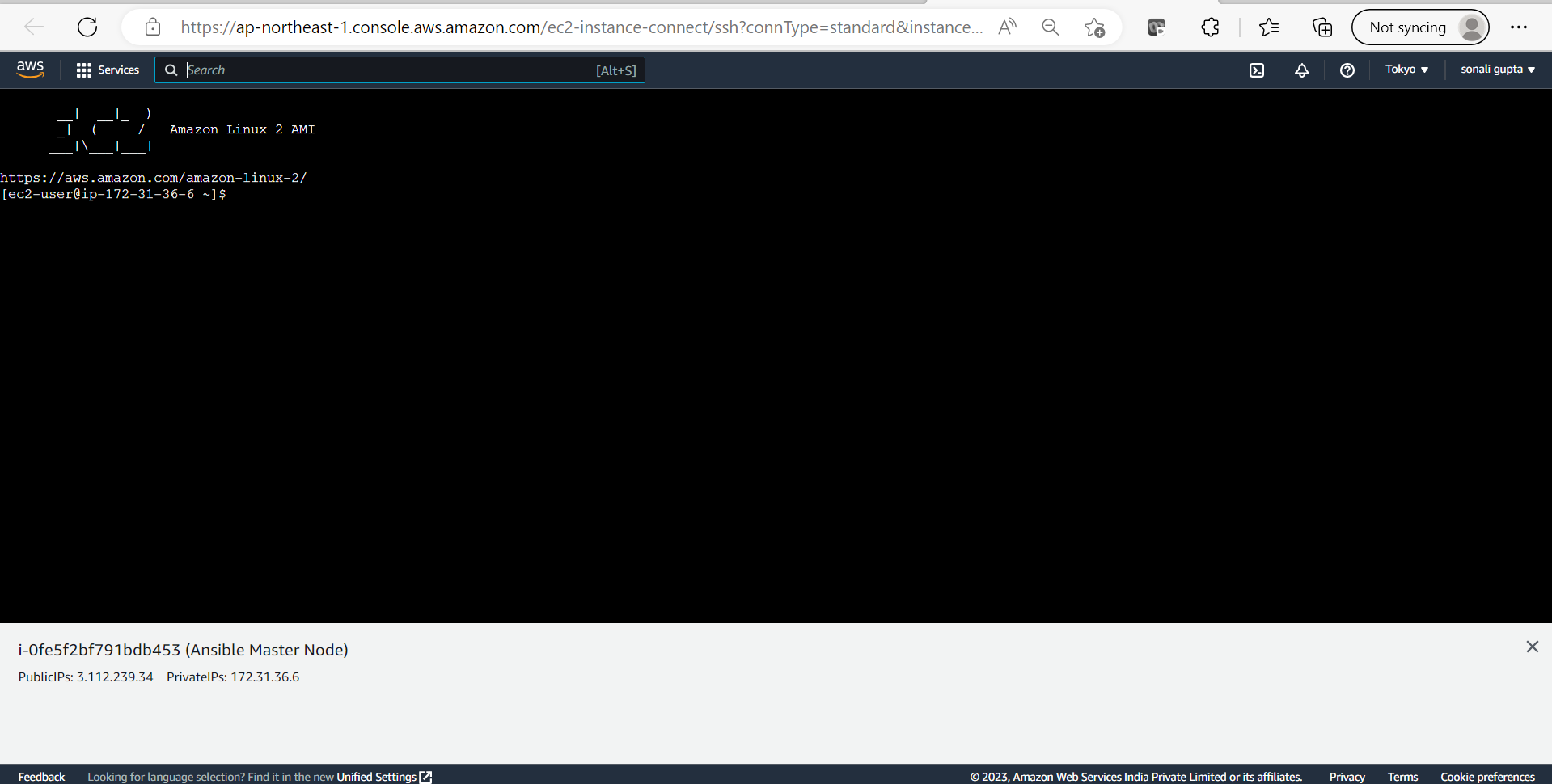
Yum→yellow dog update manager

Epel→Extra package enterprise release

Here: Ansible Master Node: Public ip=3.112.239.34, Private ip=172.31.36.6 Ansible Node: Public ip=54.199.147.89, Private ip=172.31.42.222



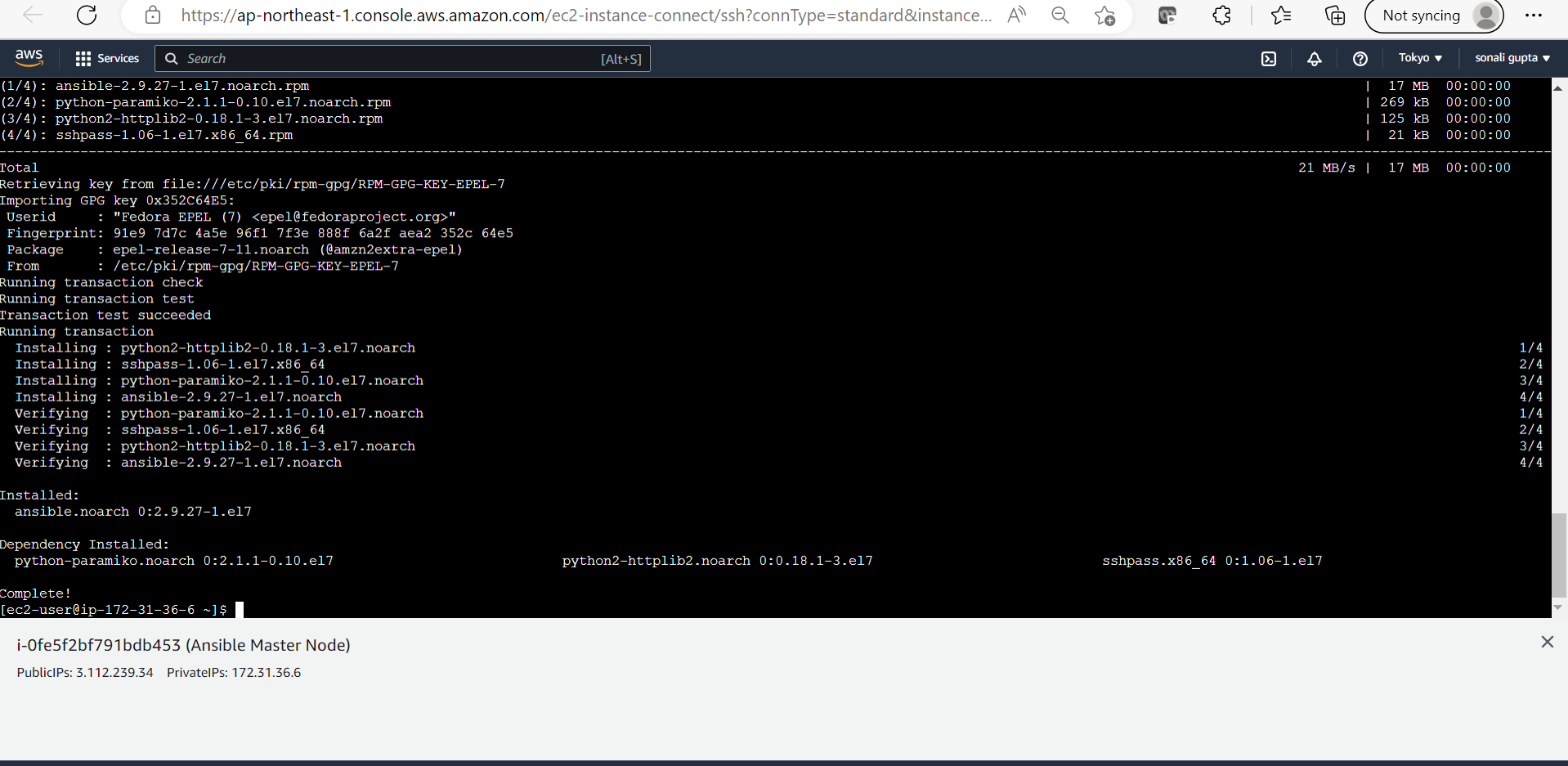
Ansible master node connect



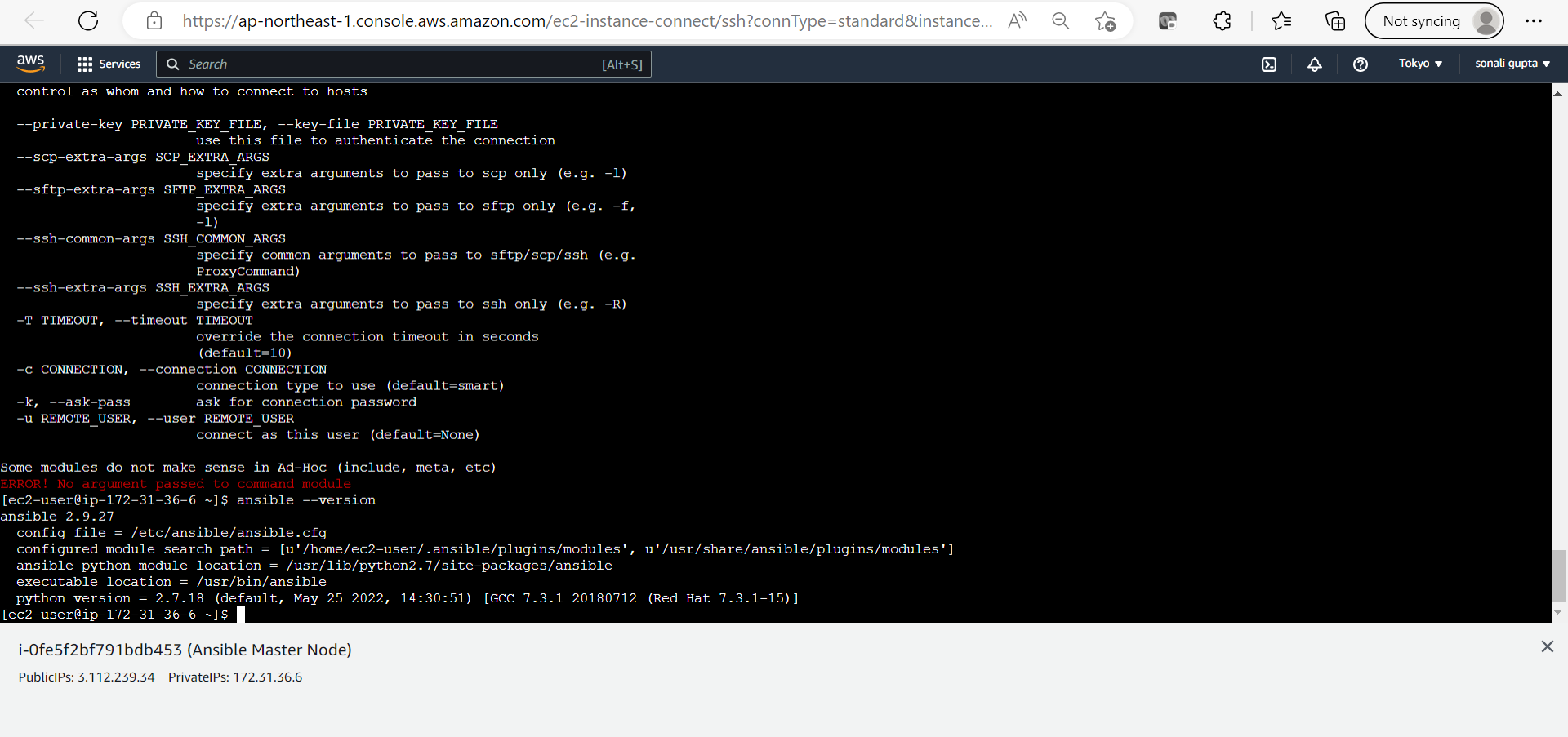
sudo amazon-linux-extras install epel



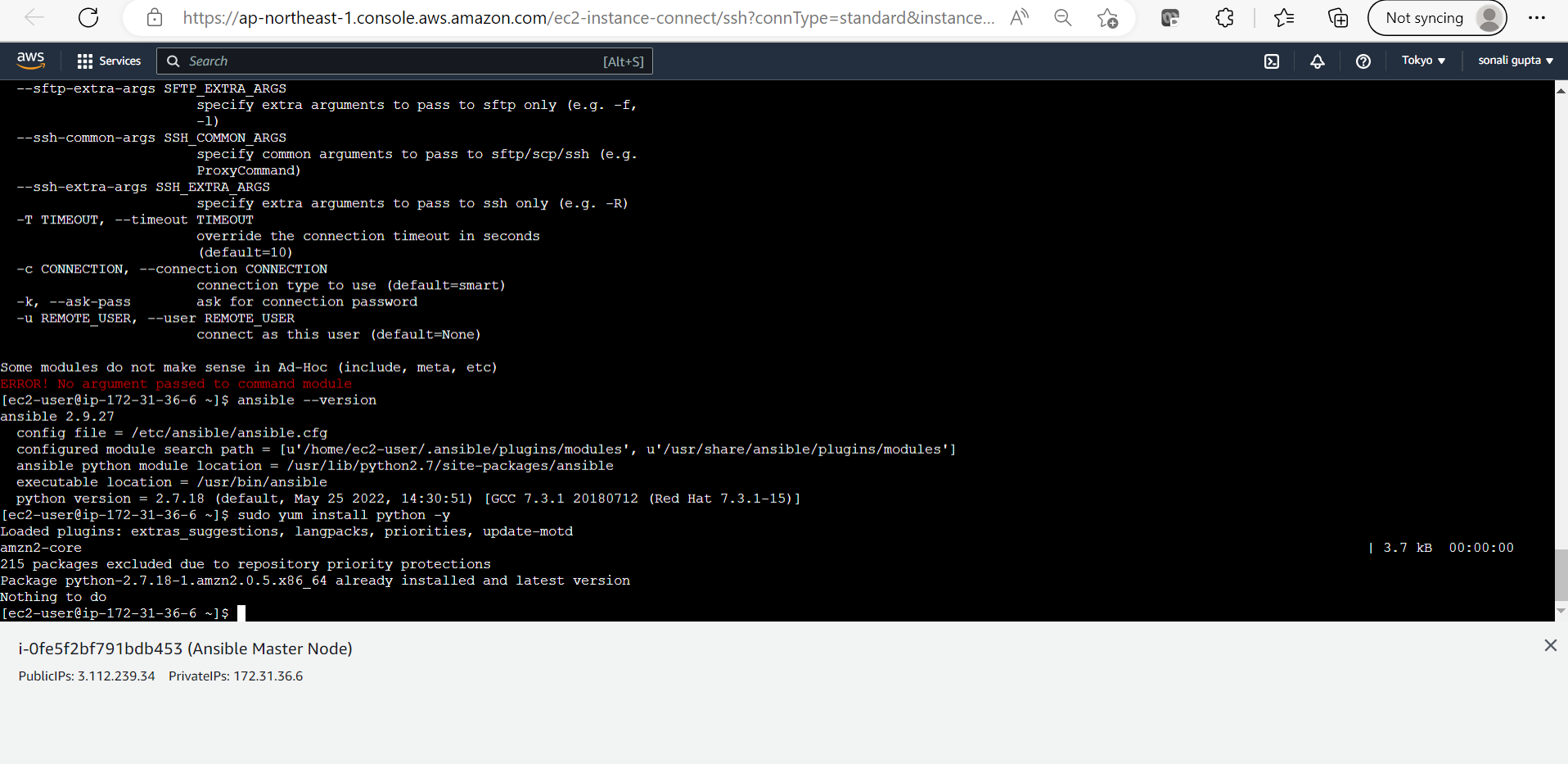
sudo yum install ansible -y



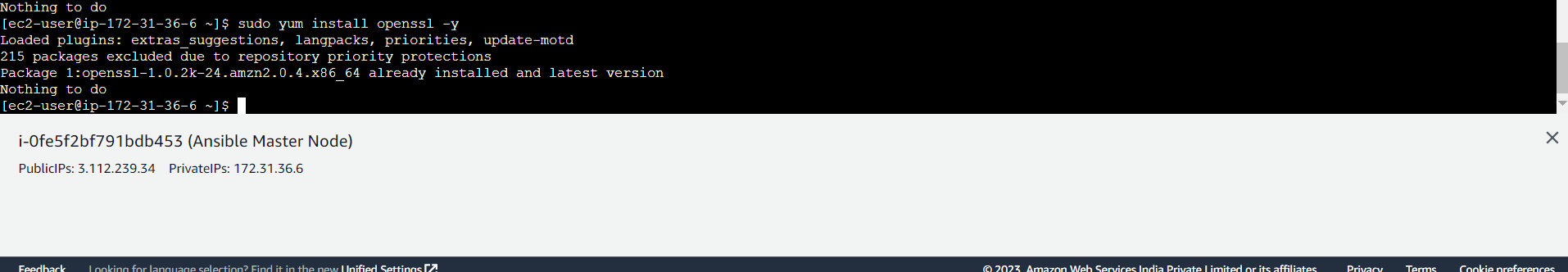
Ansible installed Checking version



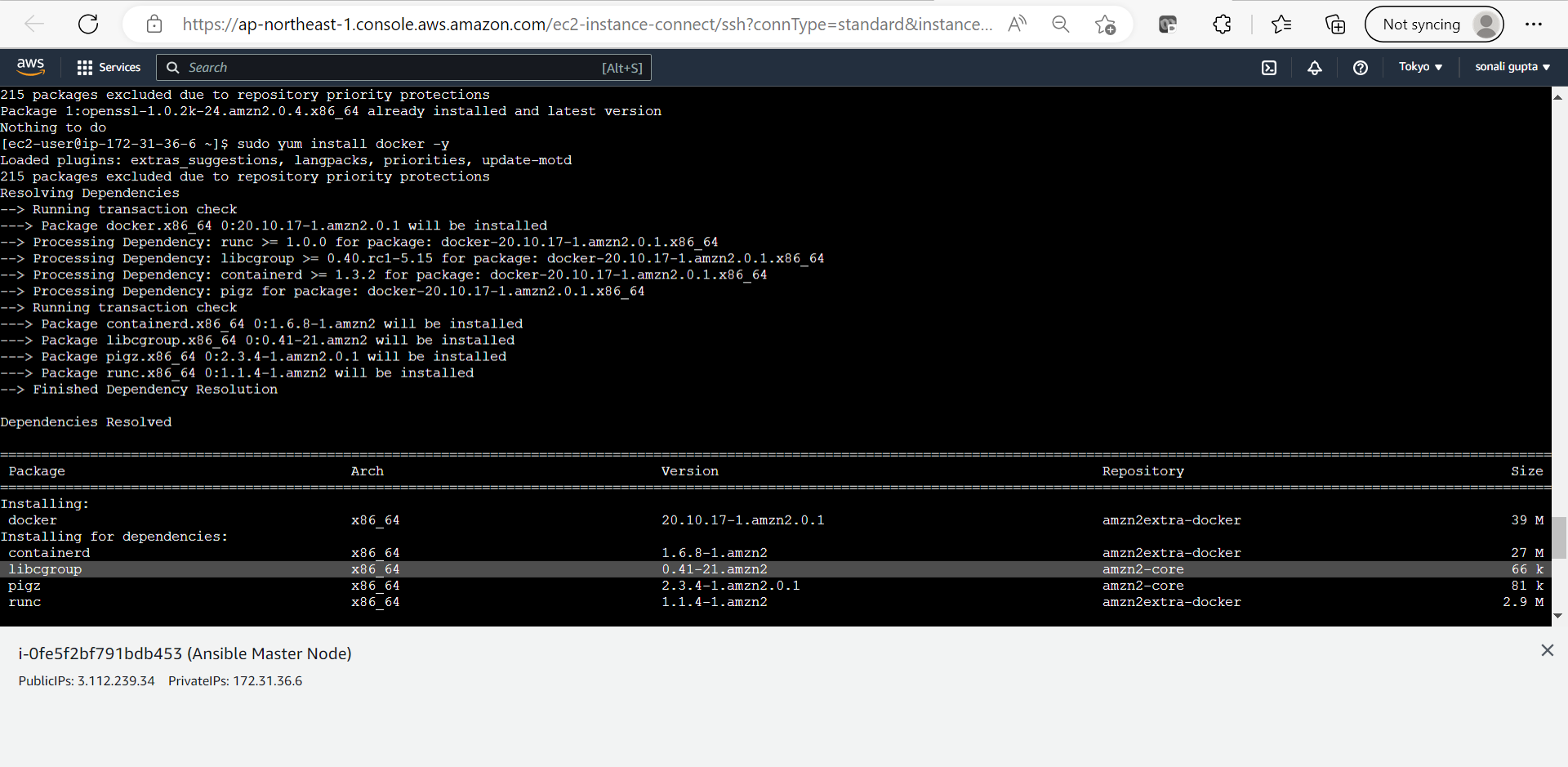
Installing Python:

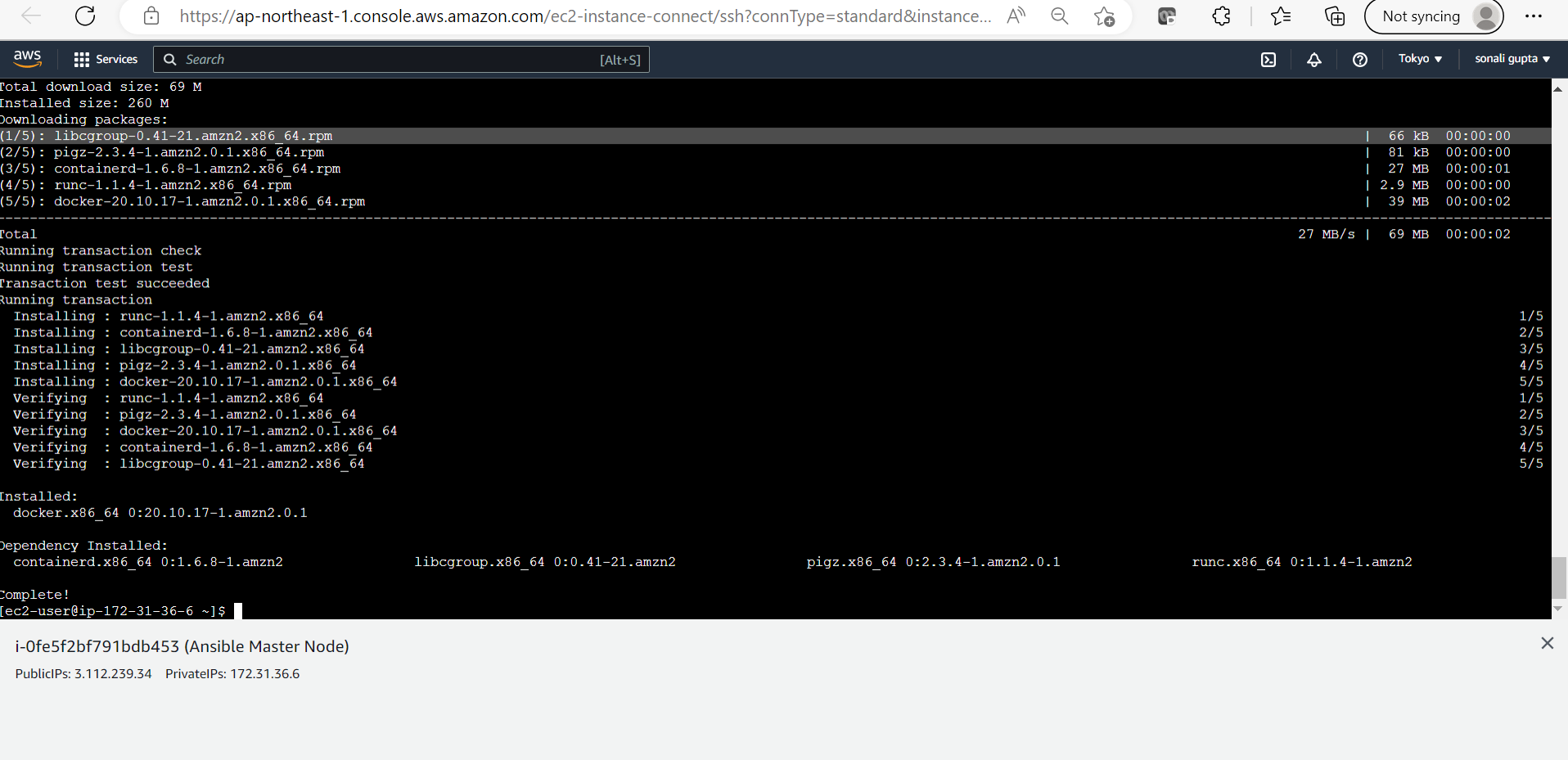


Installing Openssl:



installing Docker:





Docker version:

A computer screen capture

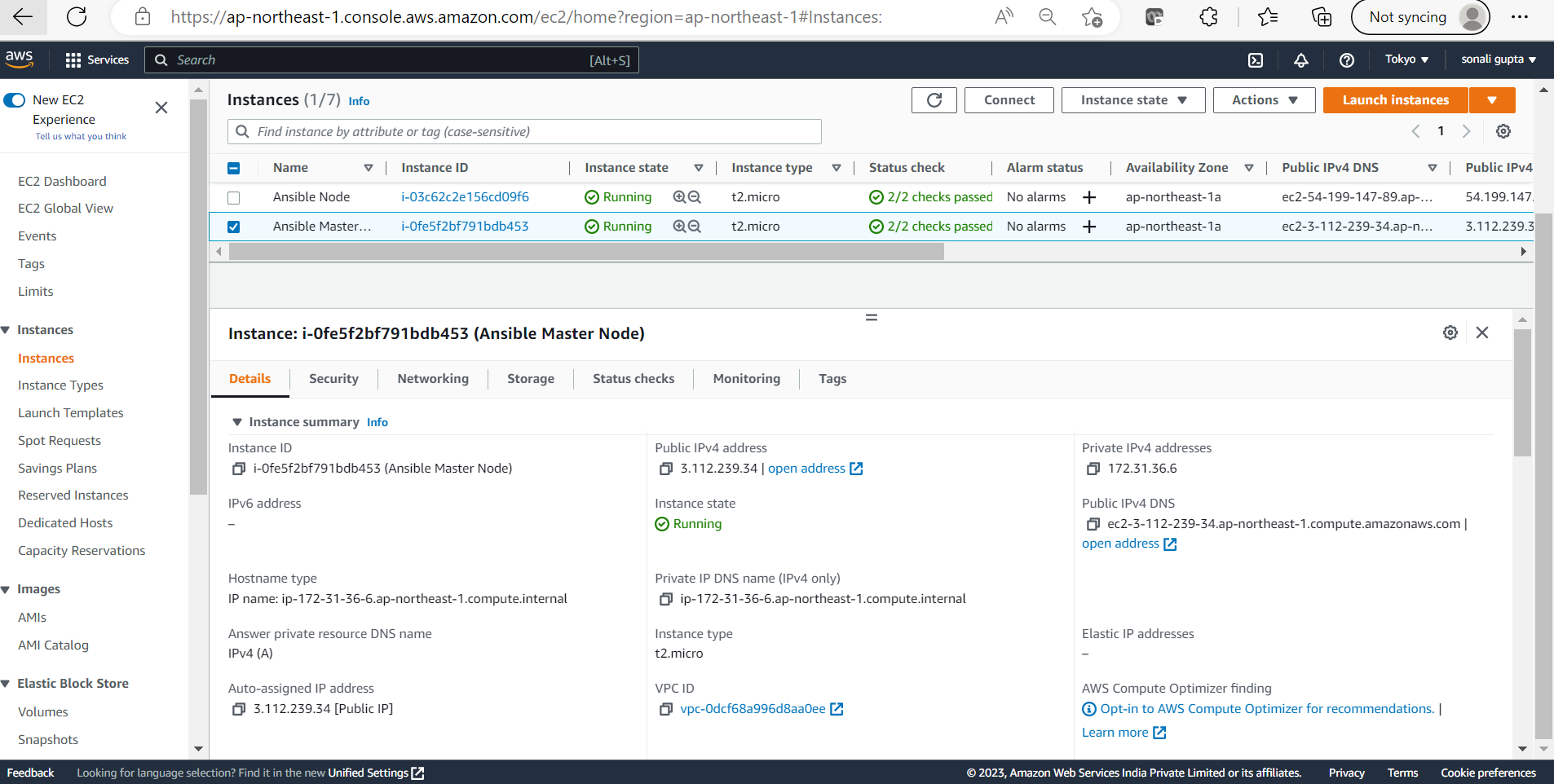
Description automatically generated with medium confidence

Ansible version

Graphical user interface, text

Description automatically generated

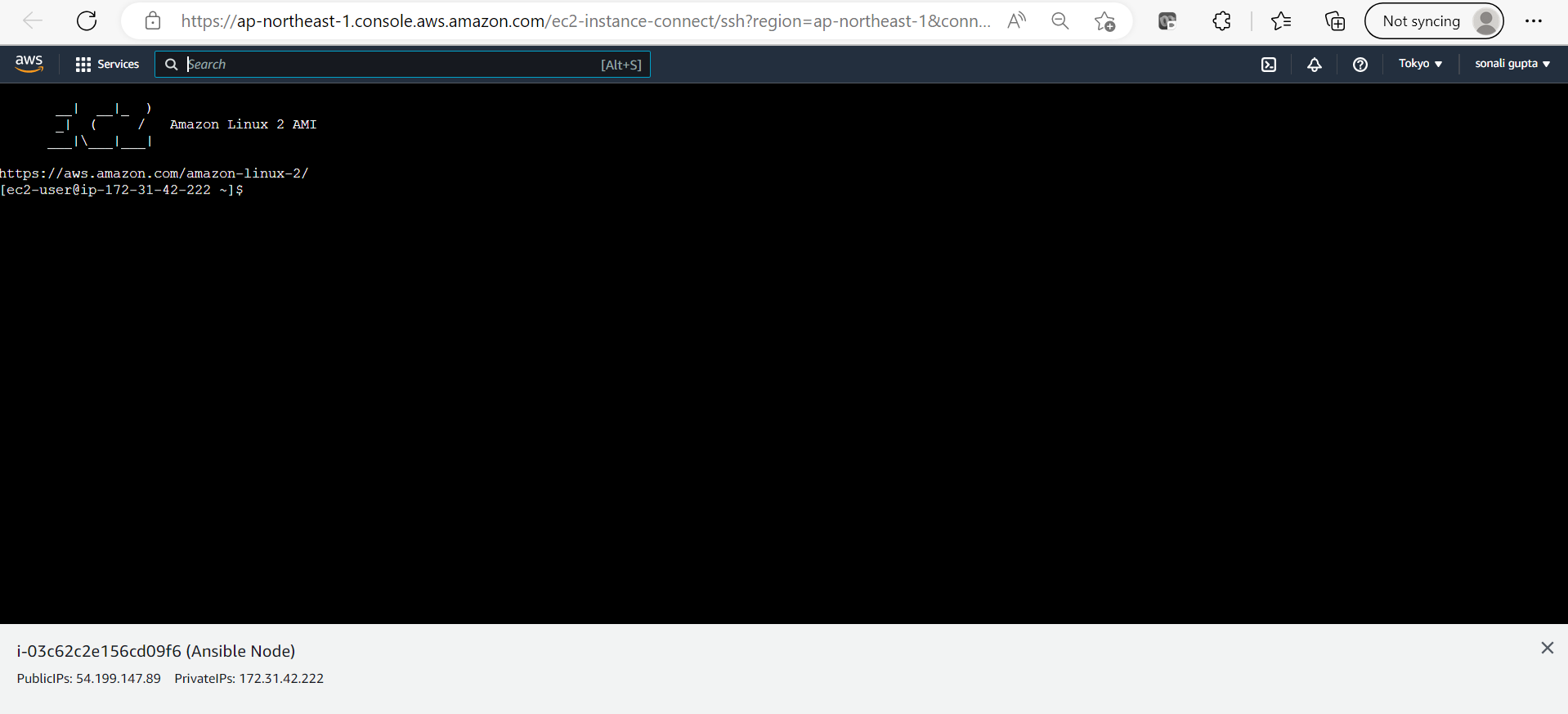
NOW IN NODE



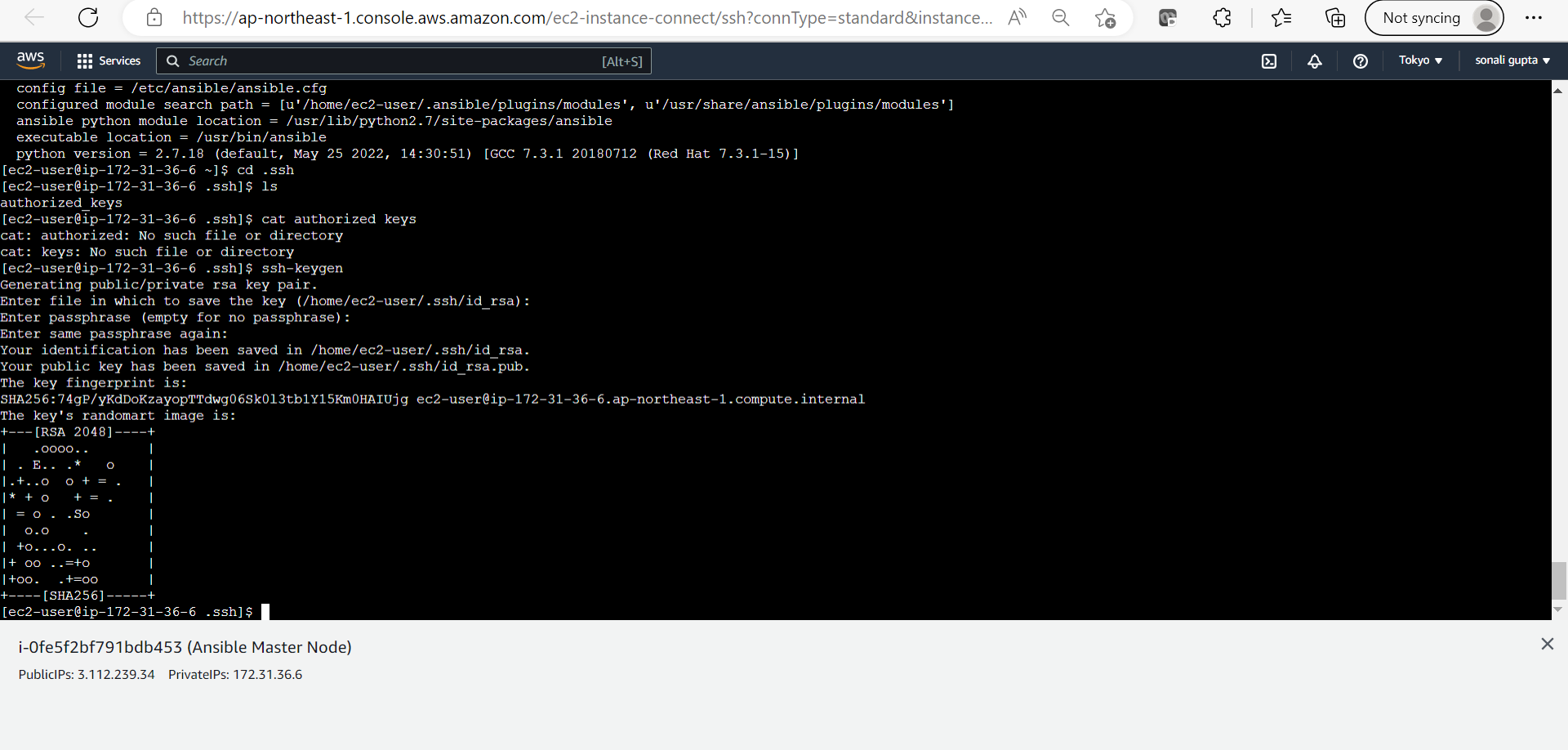
Node

Graphical user interface, text, application, email

Description automatically generated



To genrate Now Genrate Key:

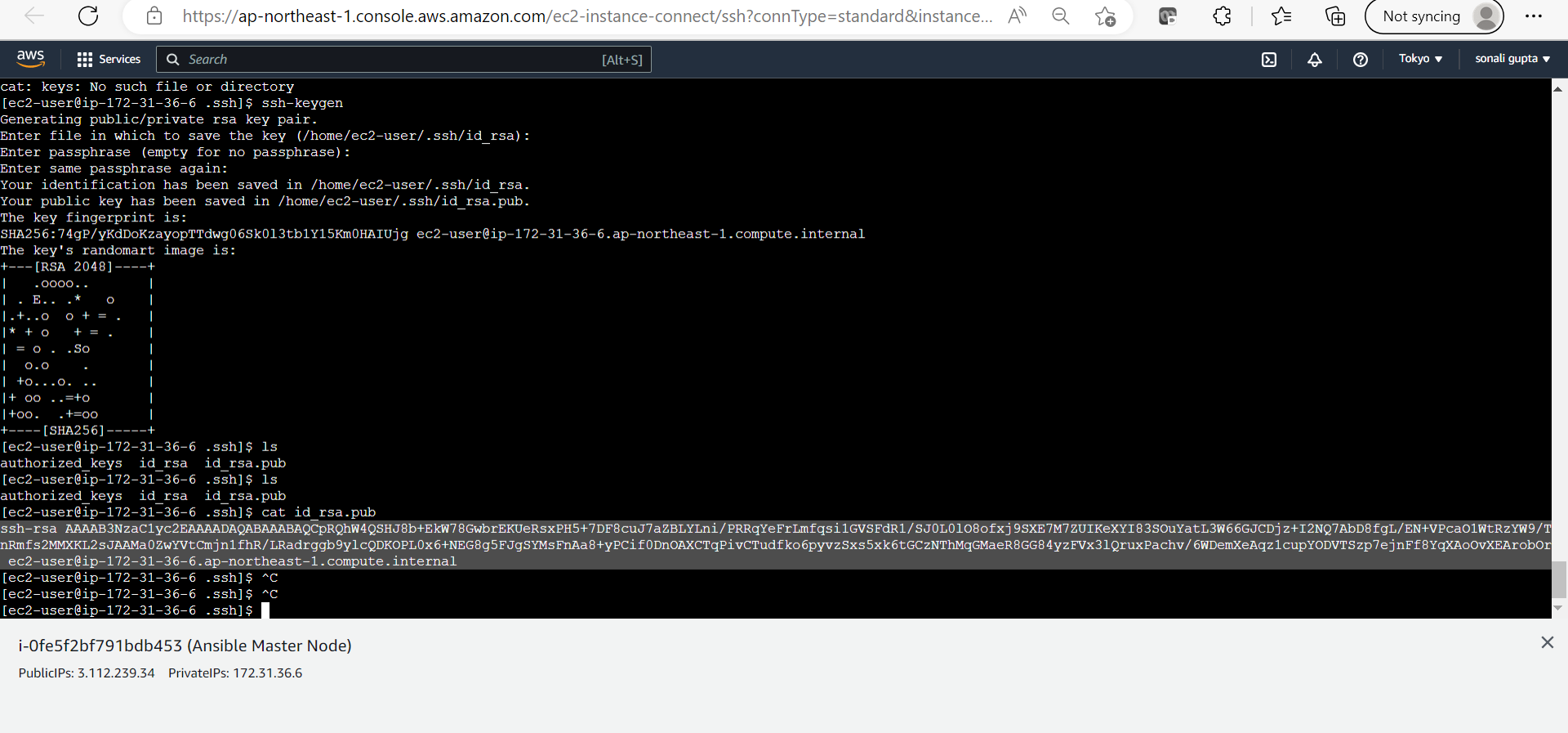


Check the number of keys available

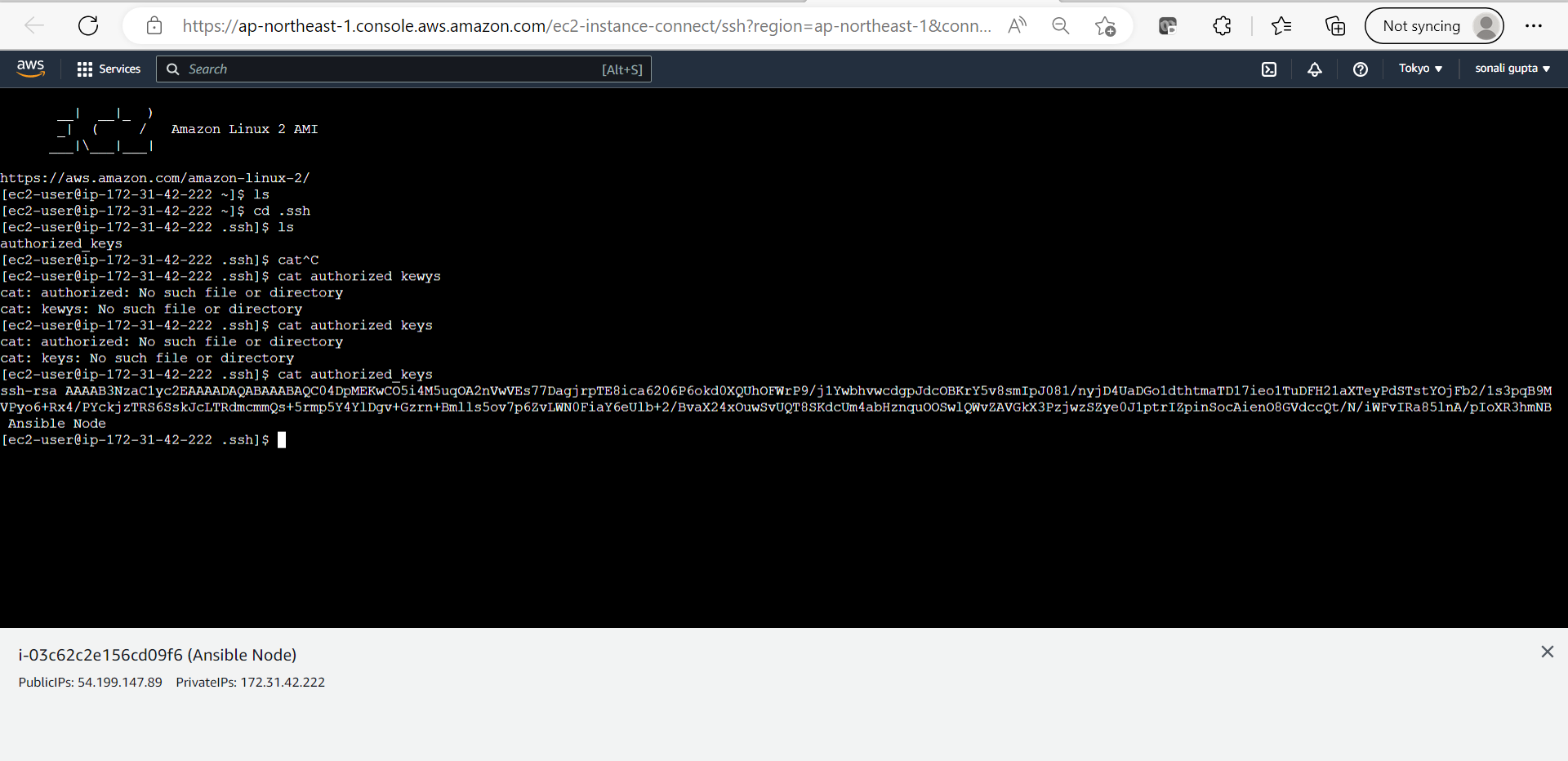
Shape, rectangle

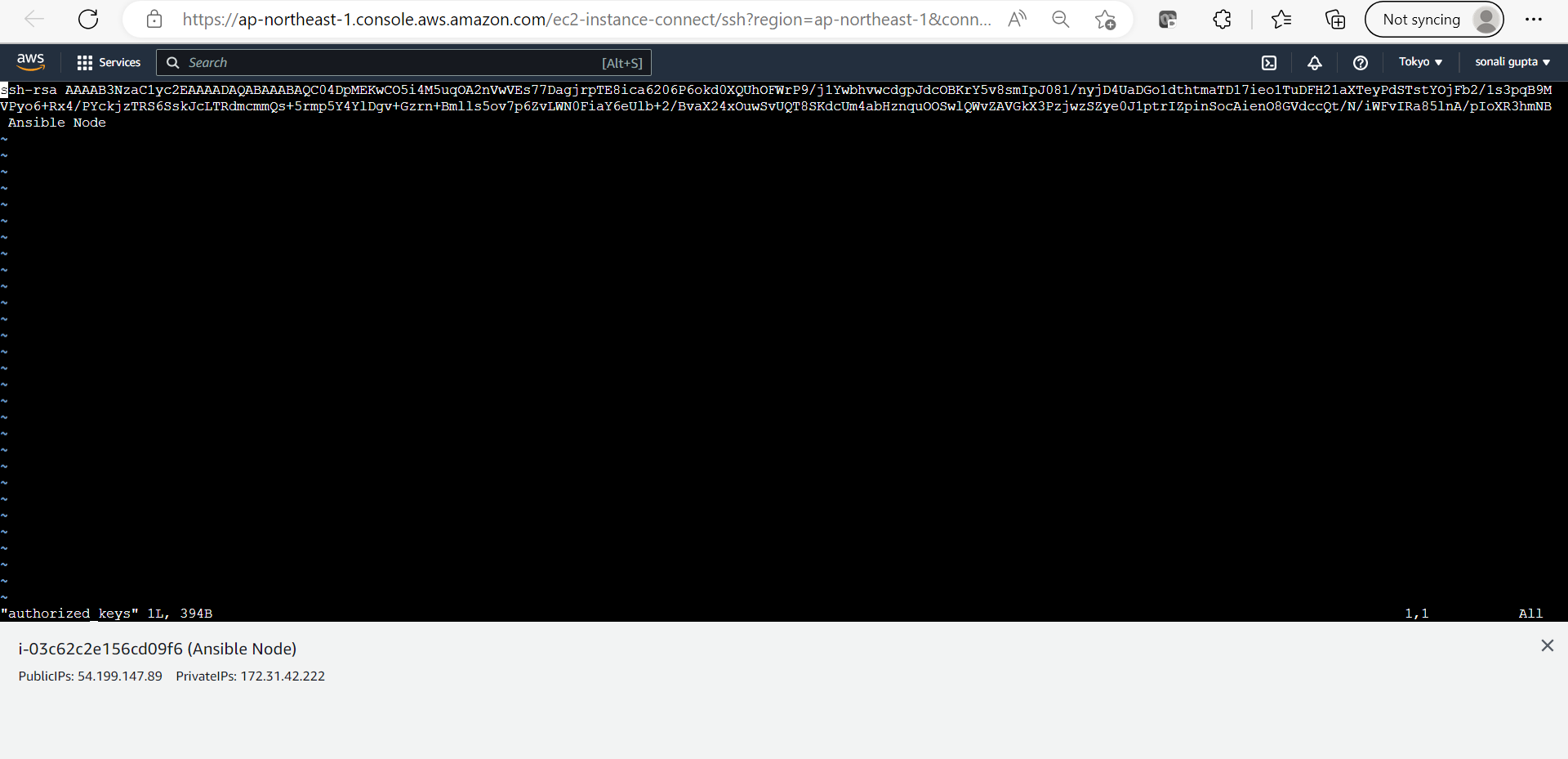
Description automatically generated

Now from child Node side: Same



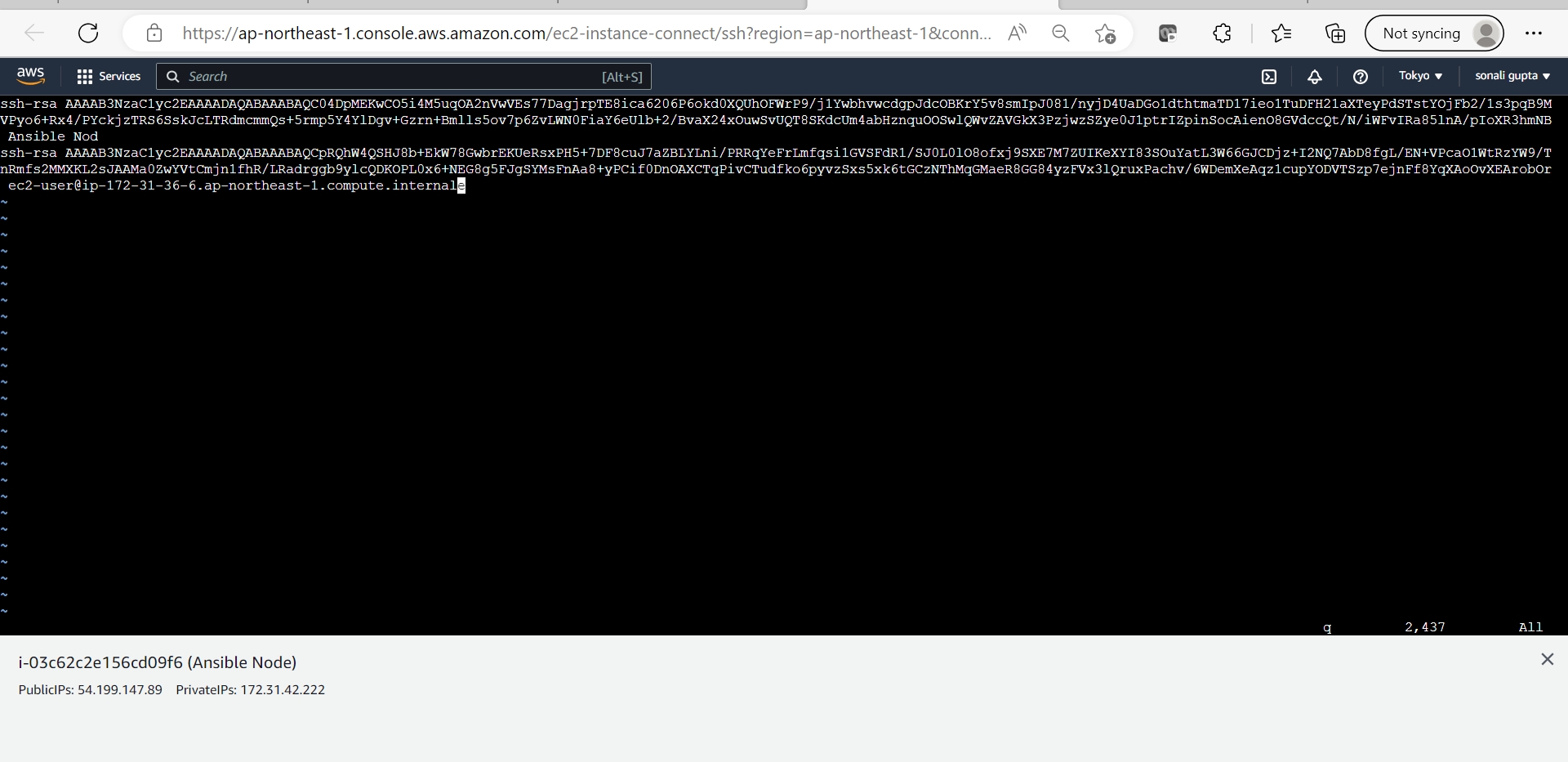
Now From Node: AWS Connect

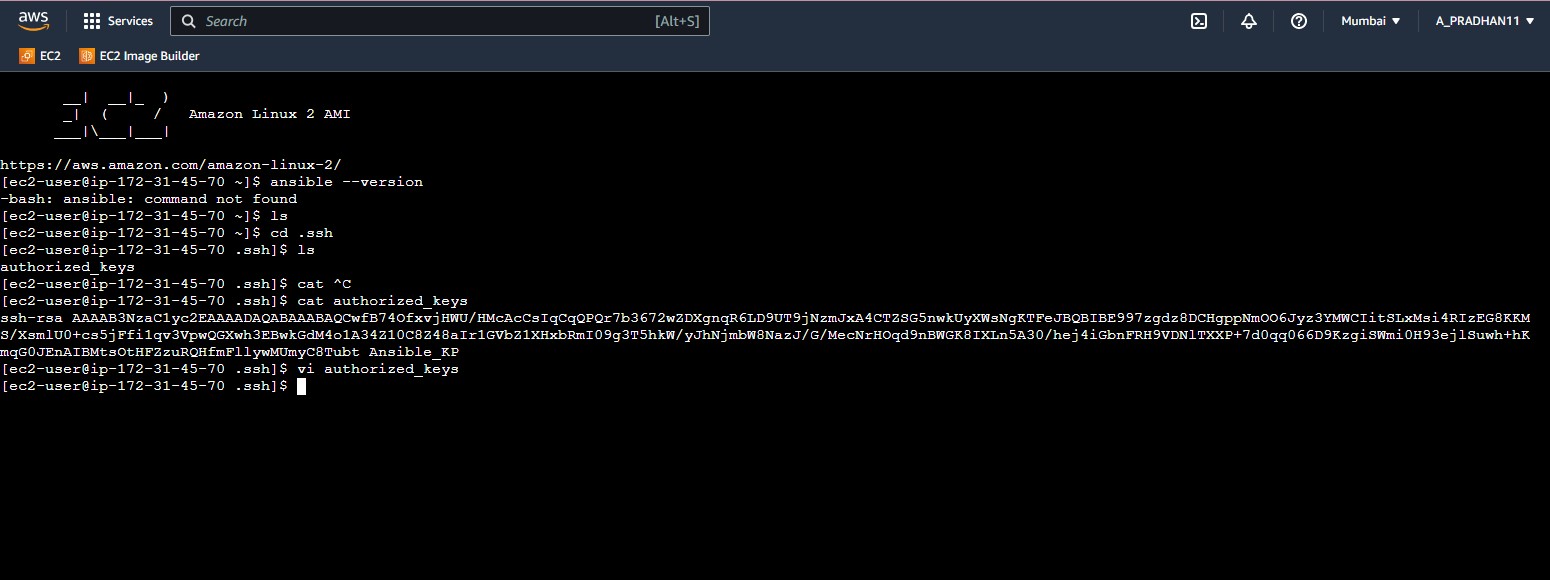


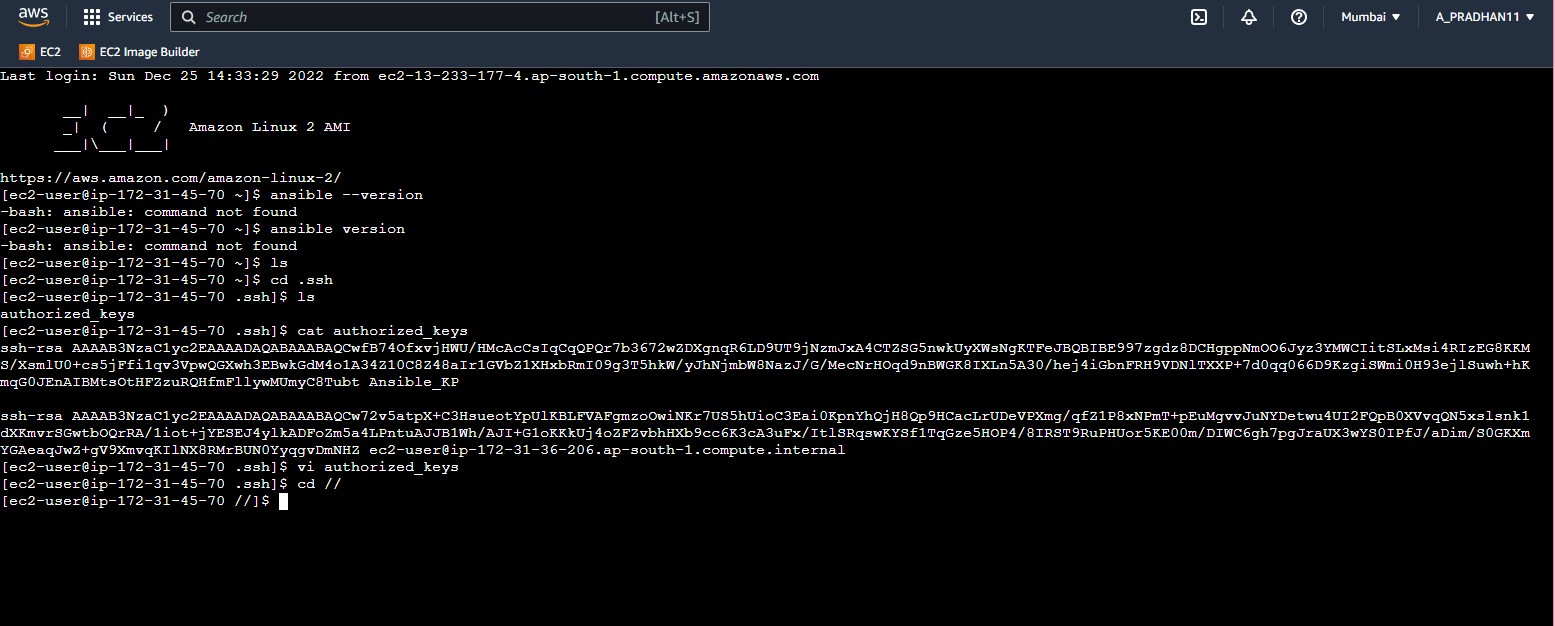


Press insert key for insert mode

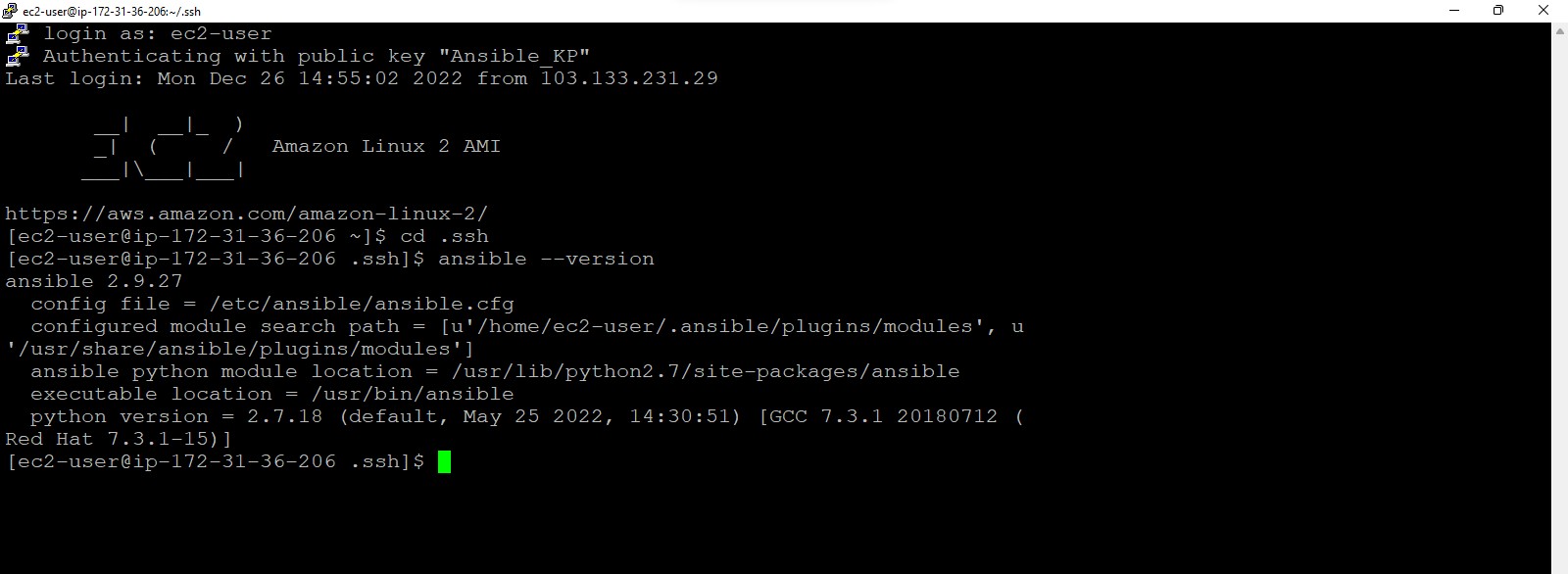
Now Paste Public Key from notepad of the Master Node: And press Esc+:+wq+Enter → To Save



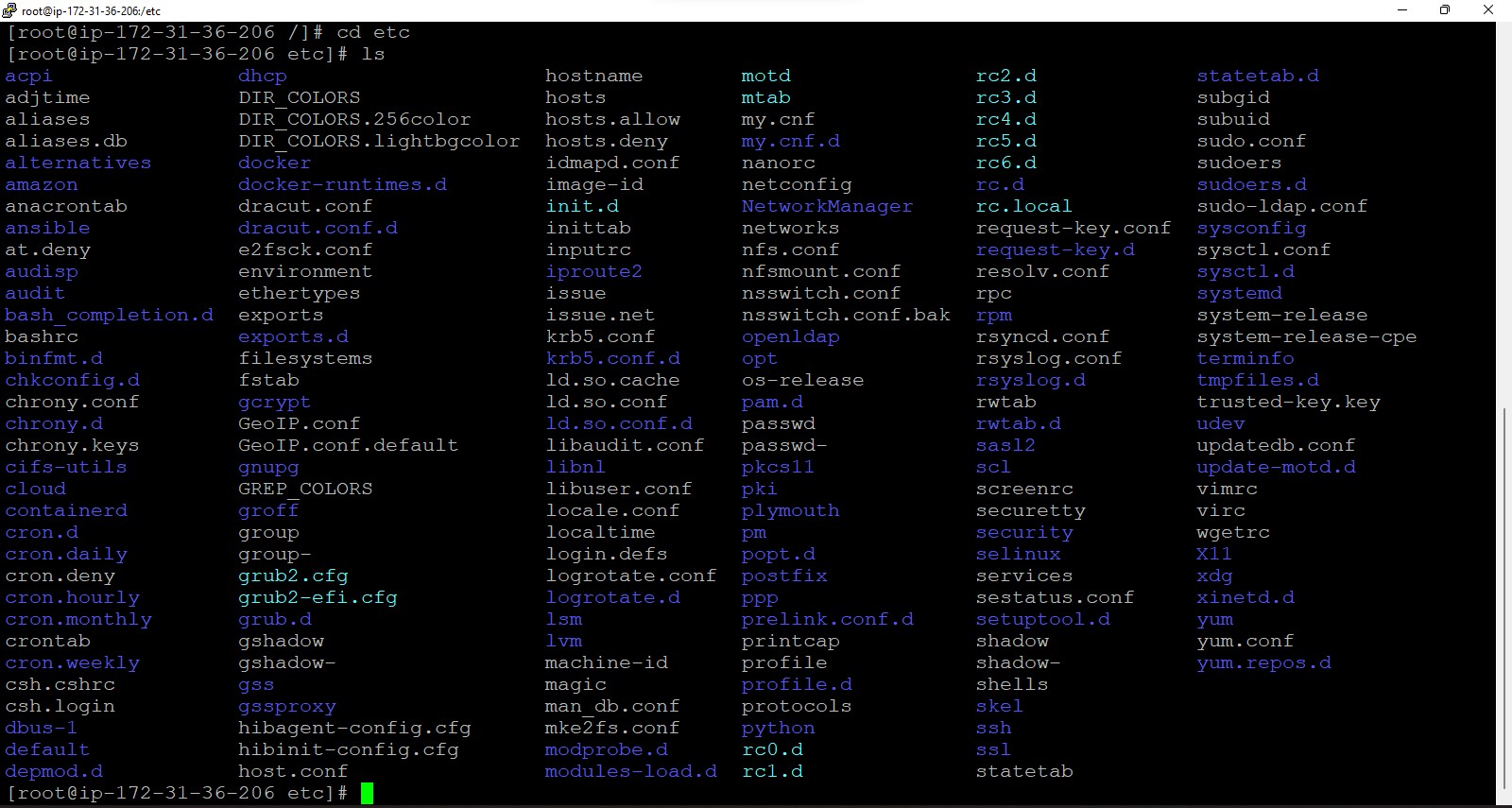


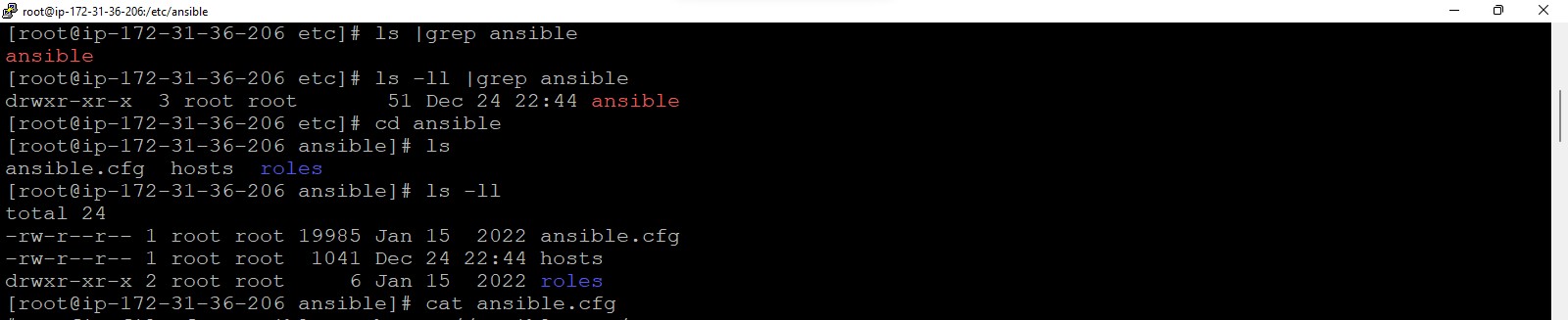


### From Master Node





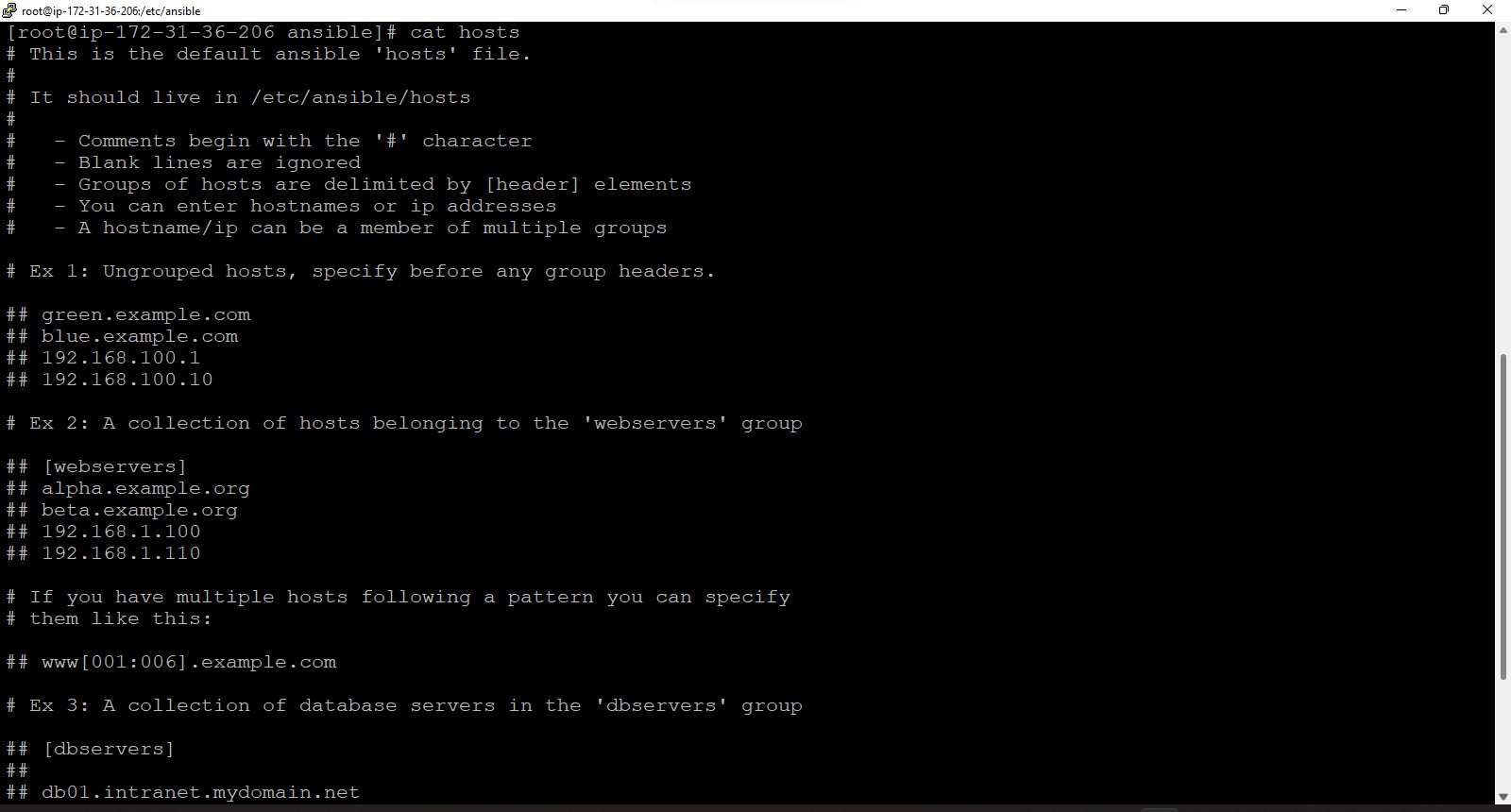


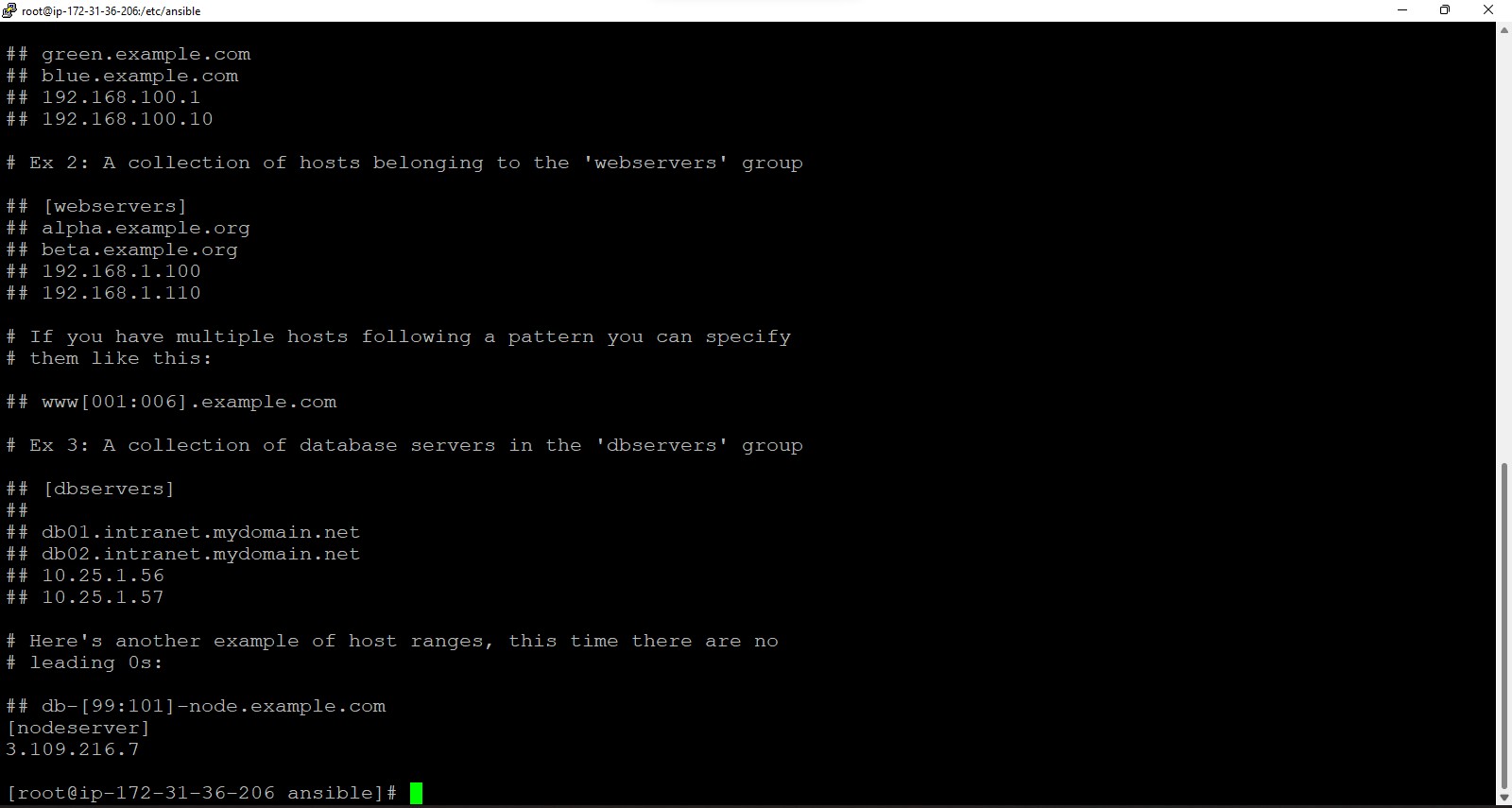




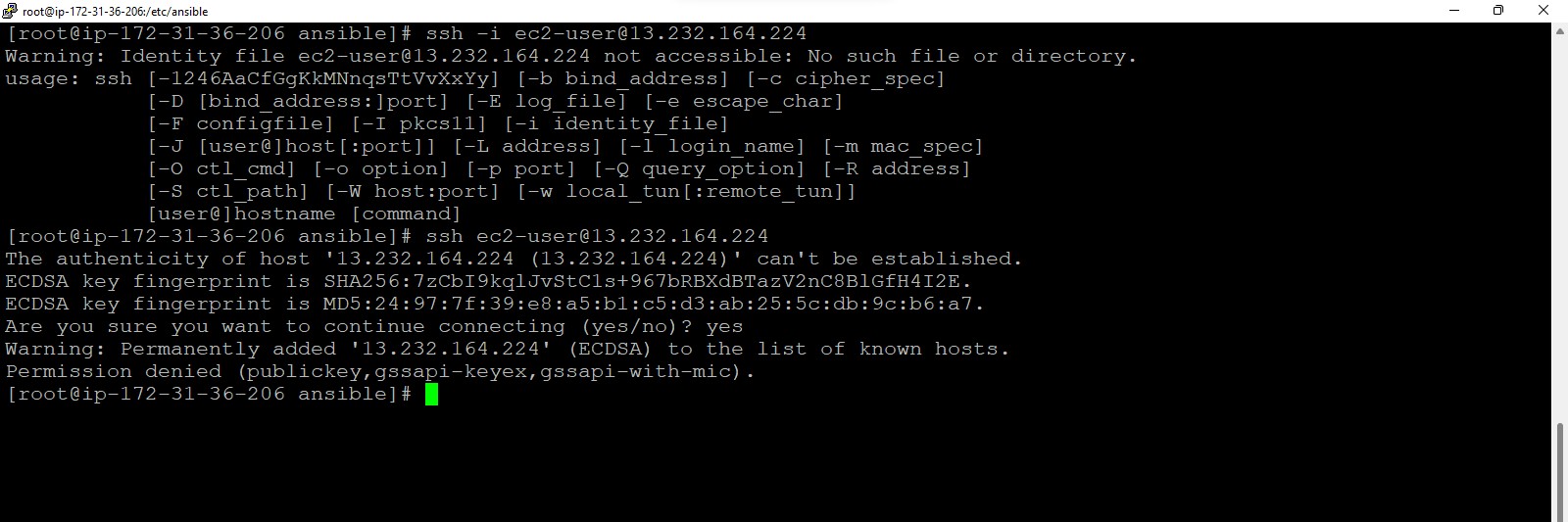
Opening Host file of Master Node







### Now checking the ip of Node running on Master

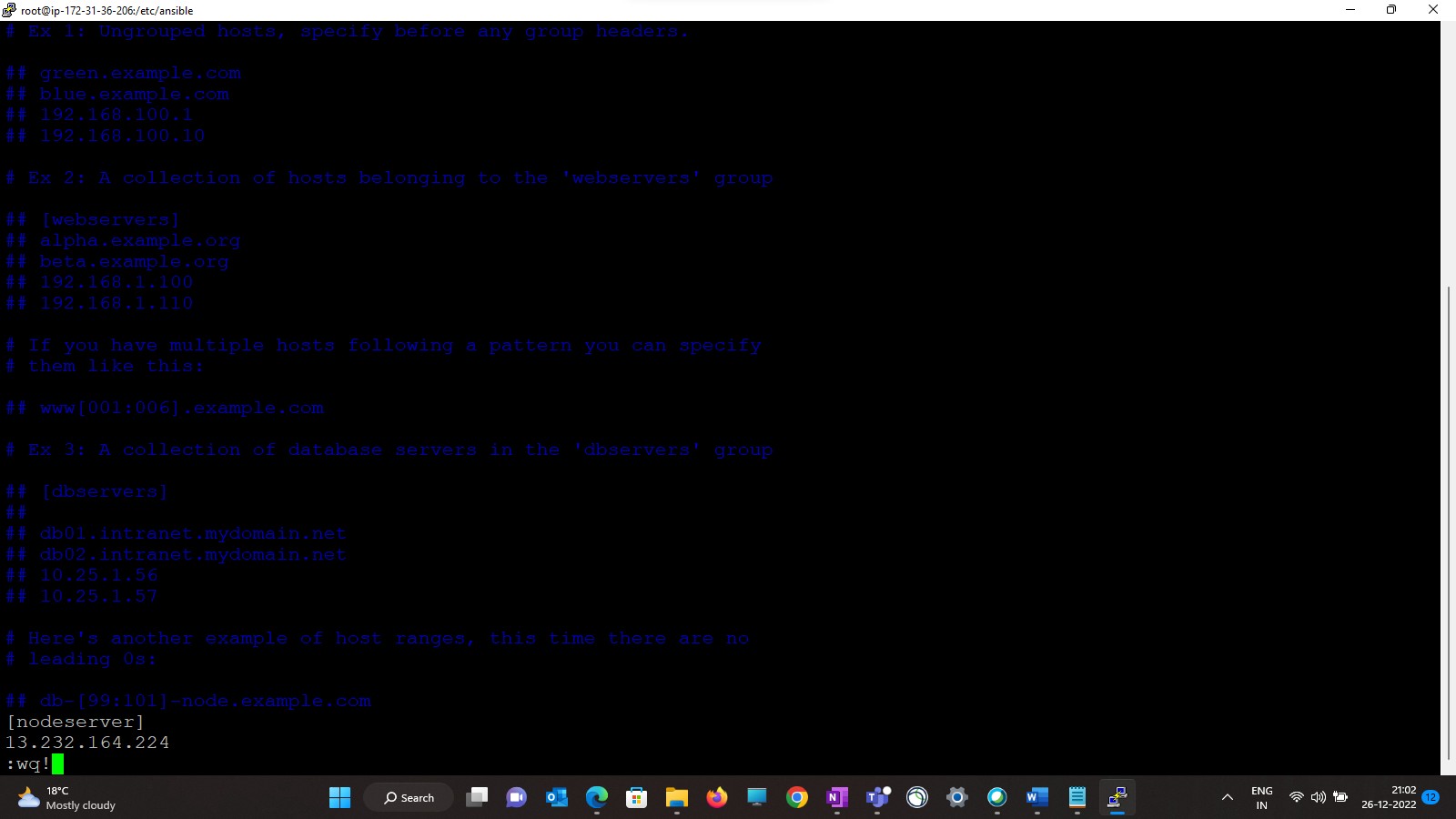


Its permission denied.

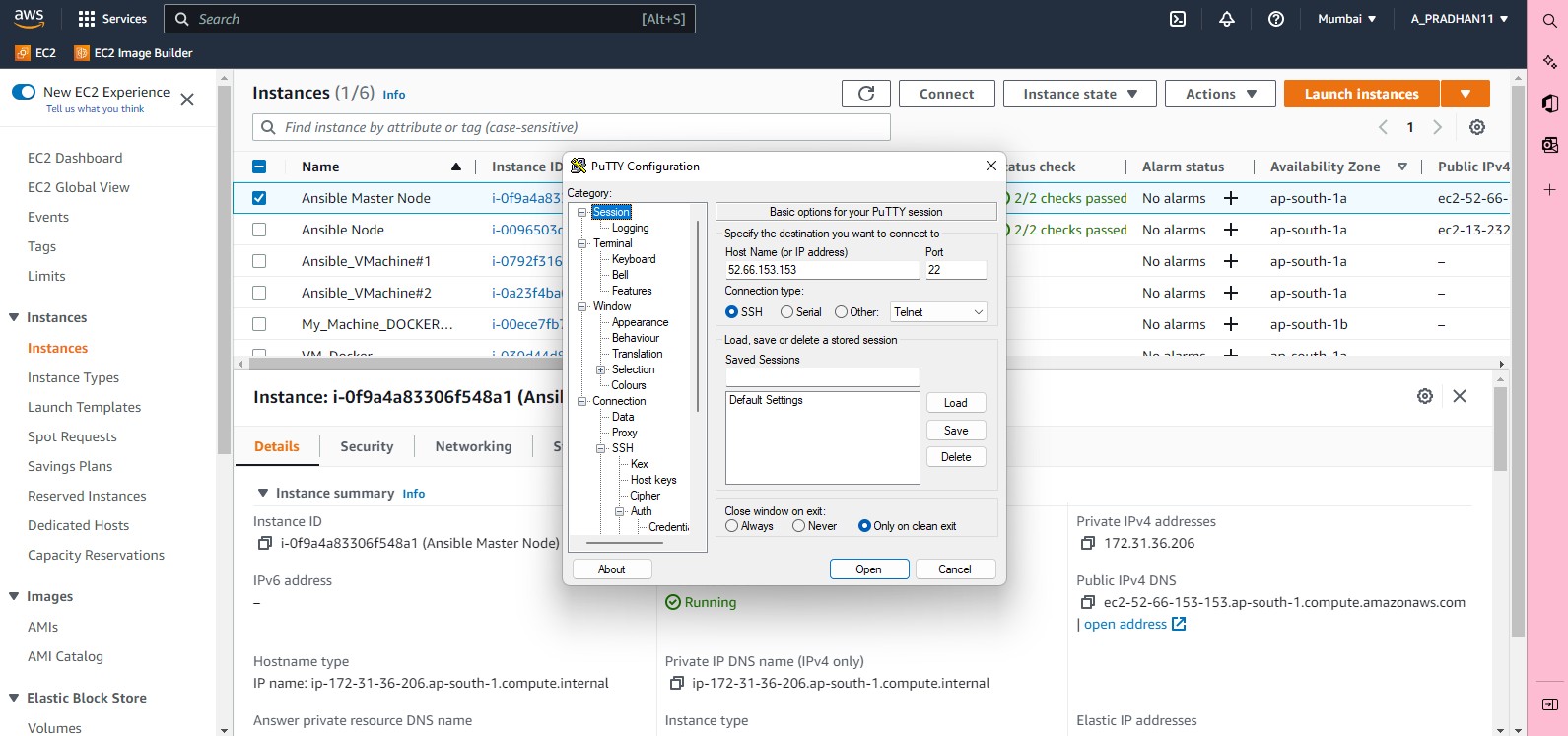
### Thus,

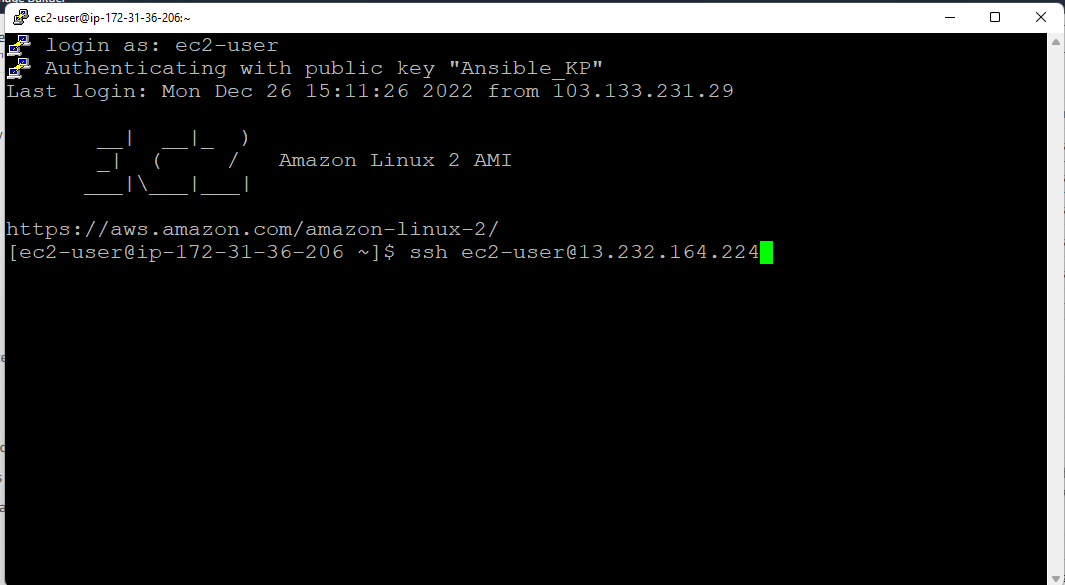
Now open vi hosts



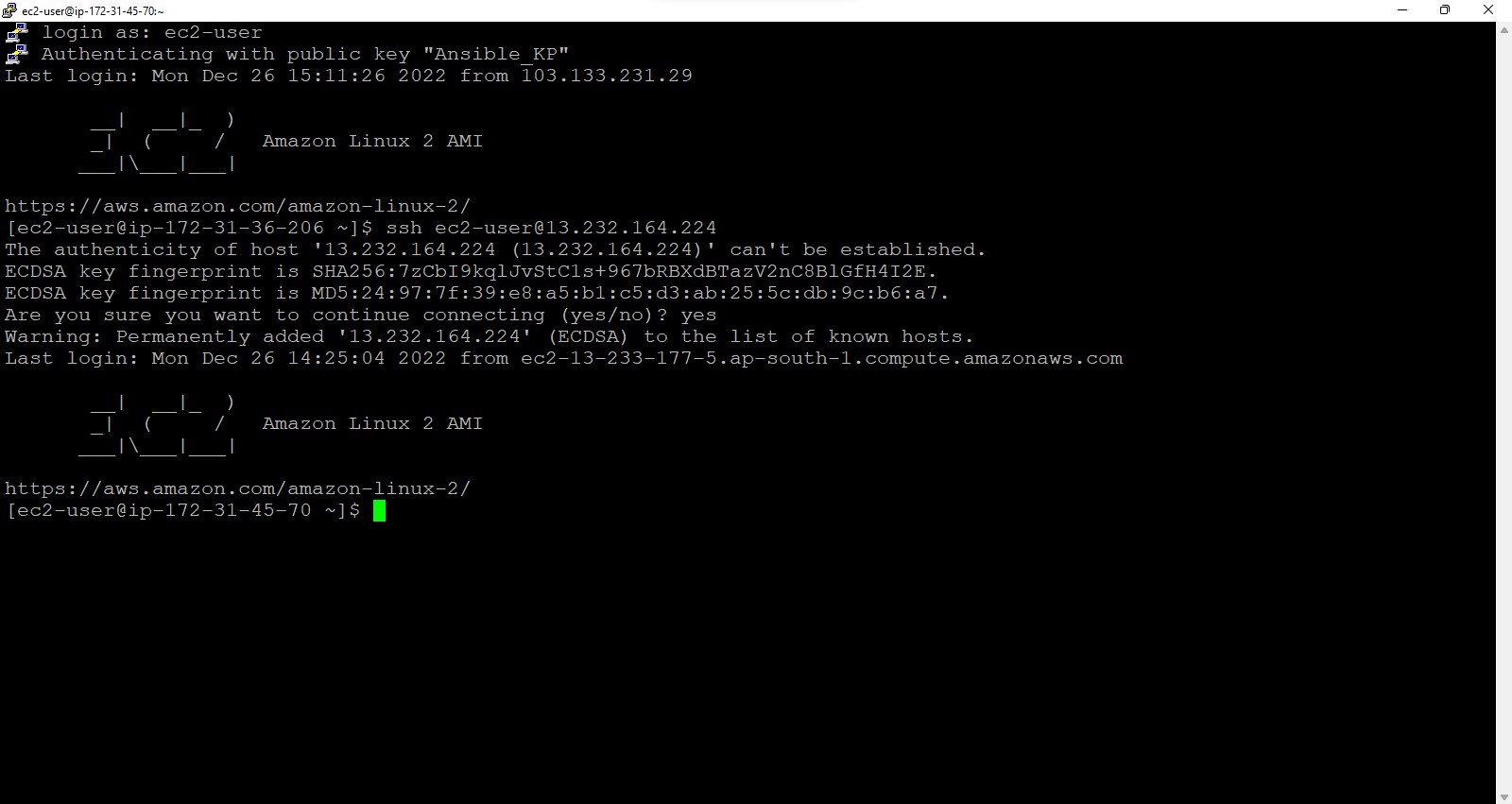


### Now Close Putty and open again

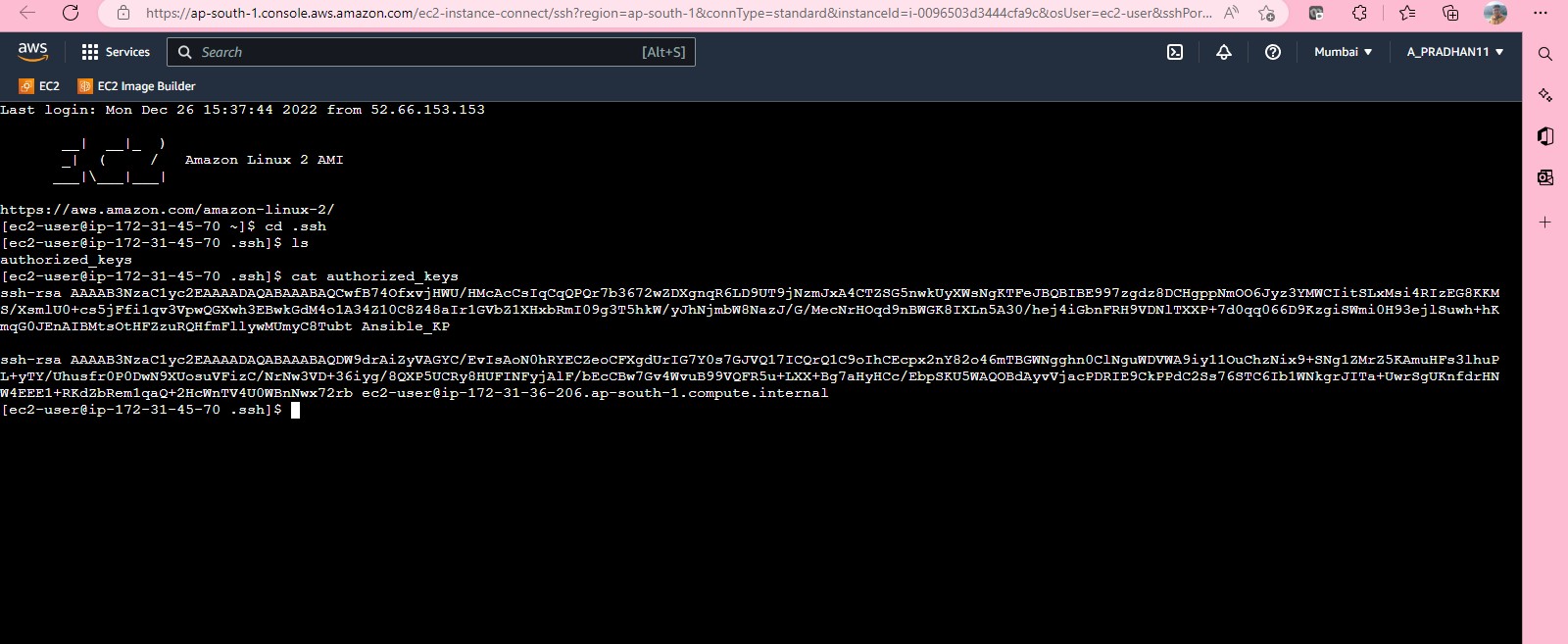


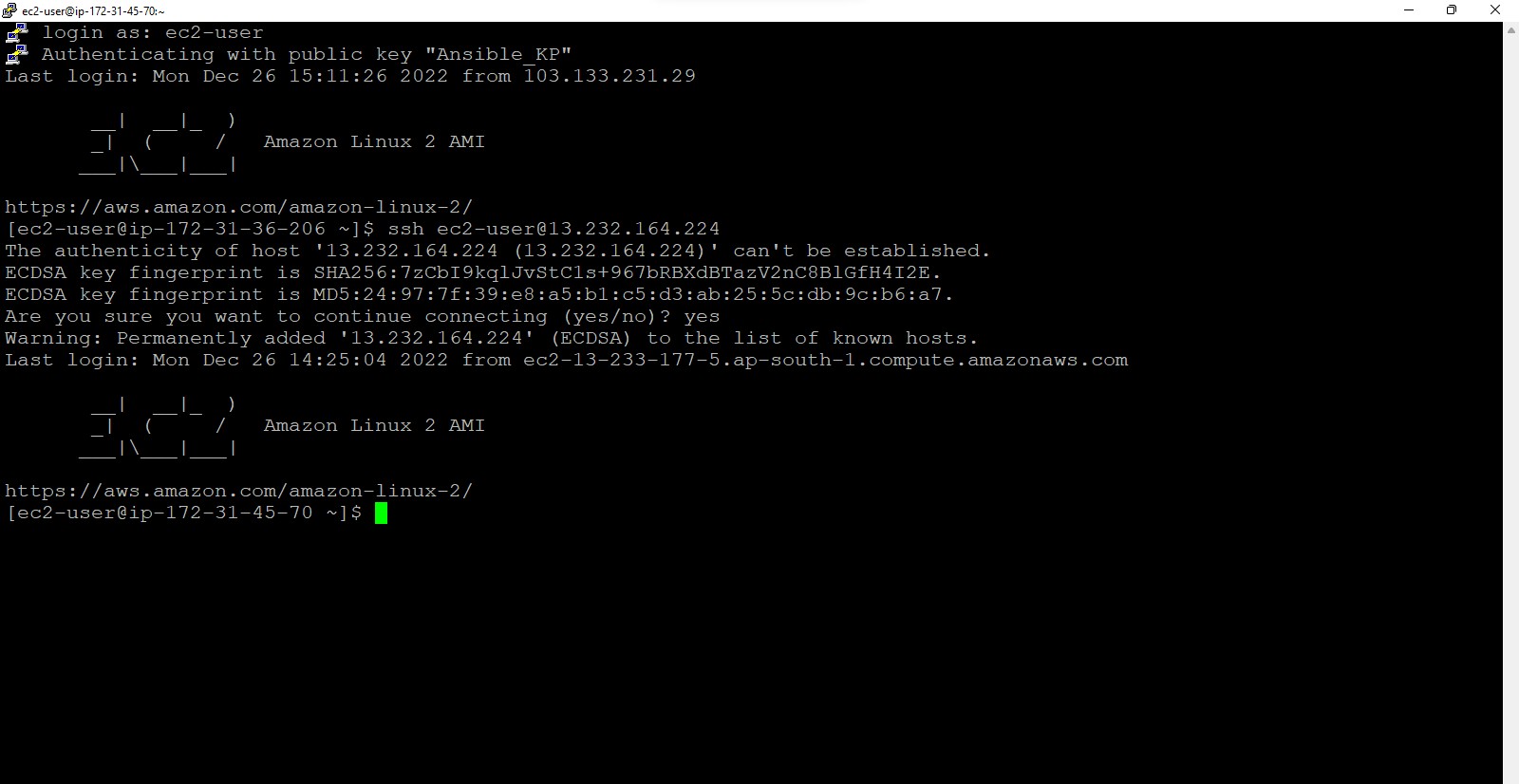


Provide Node ip like : ssh ec2-user@ 13.232.164.224 Then, Master will connected to Node like:



### Now checking authorized keys of Node

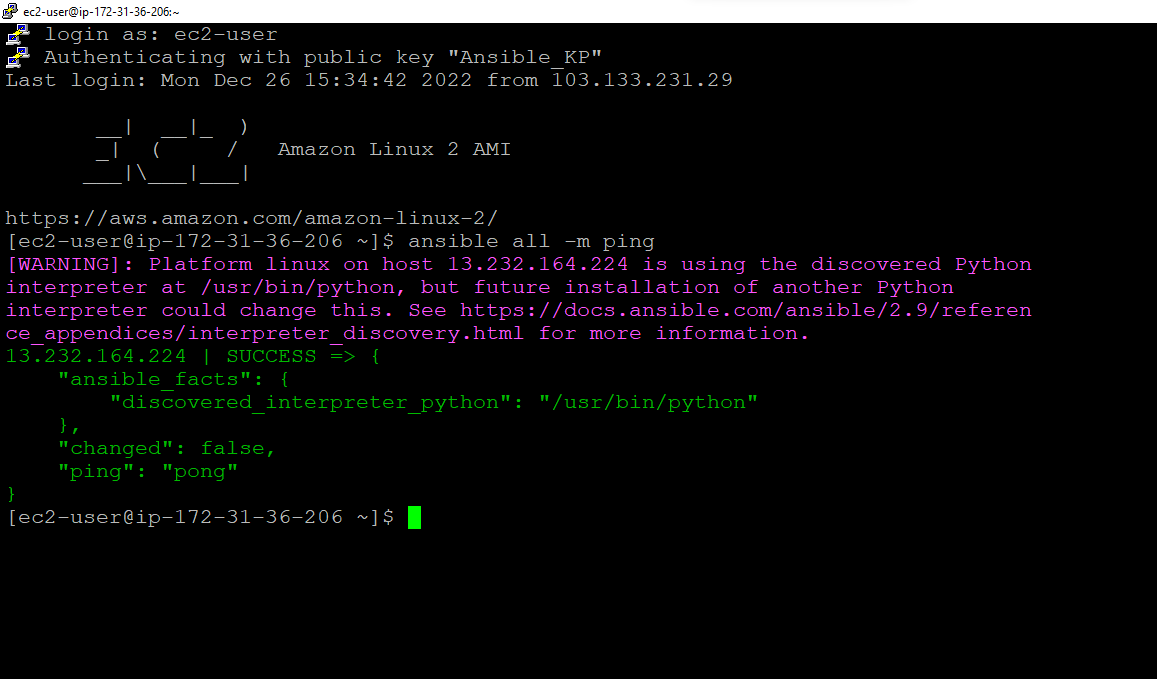




Under Master, Child Node

# Now Some Ad-hoc Commands from the Master

## Again open Putty with master

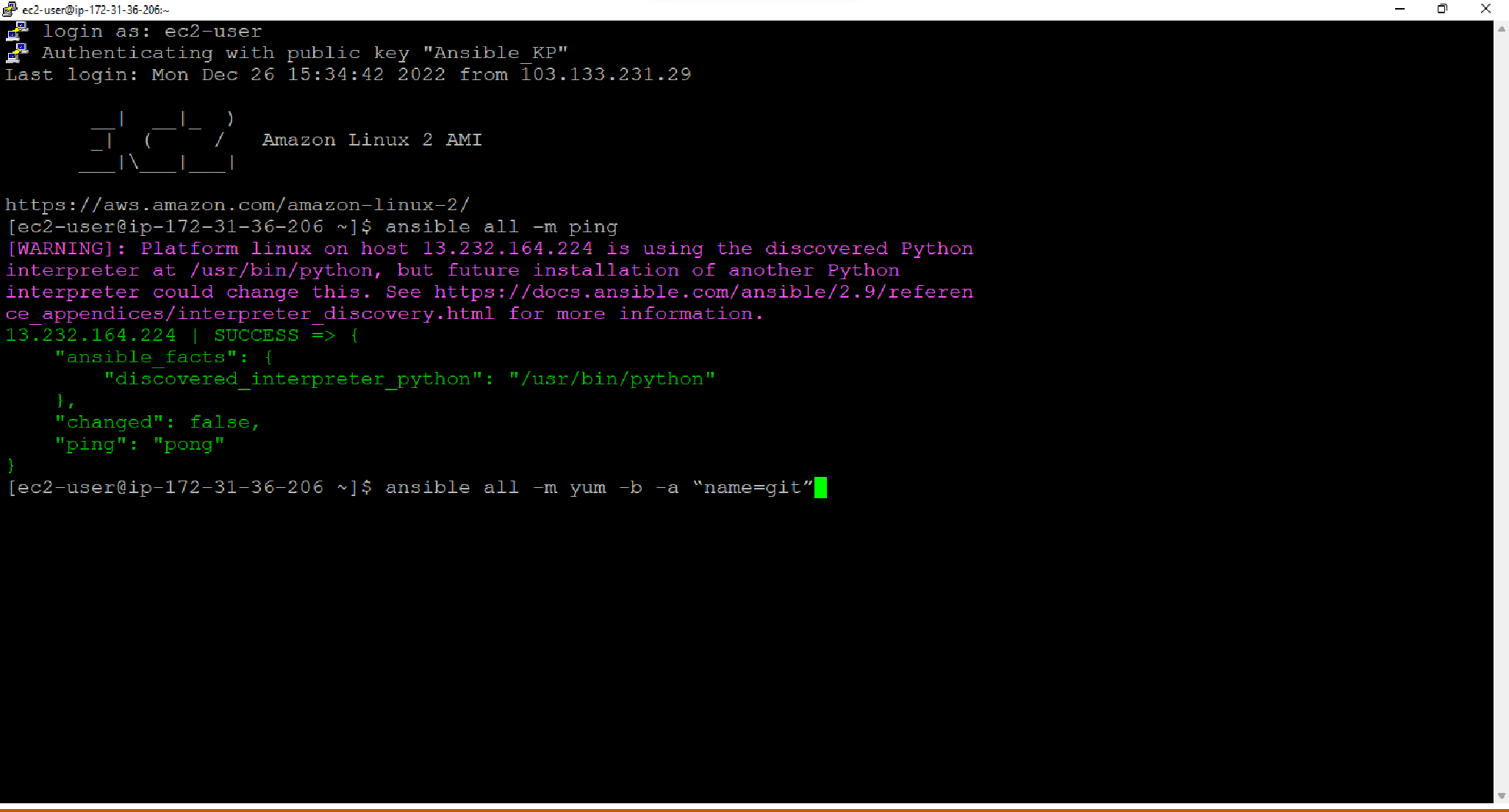


Node ip vm connected successfully

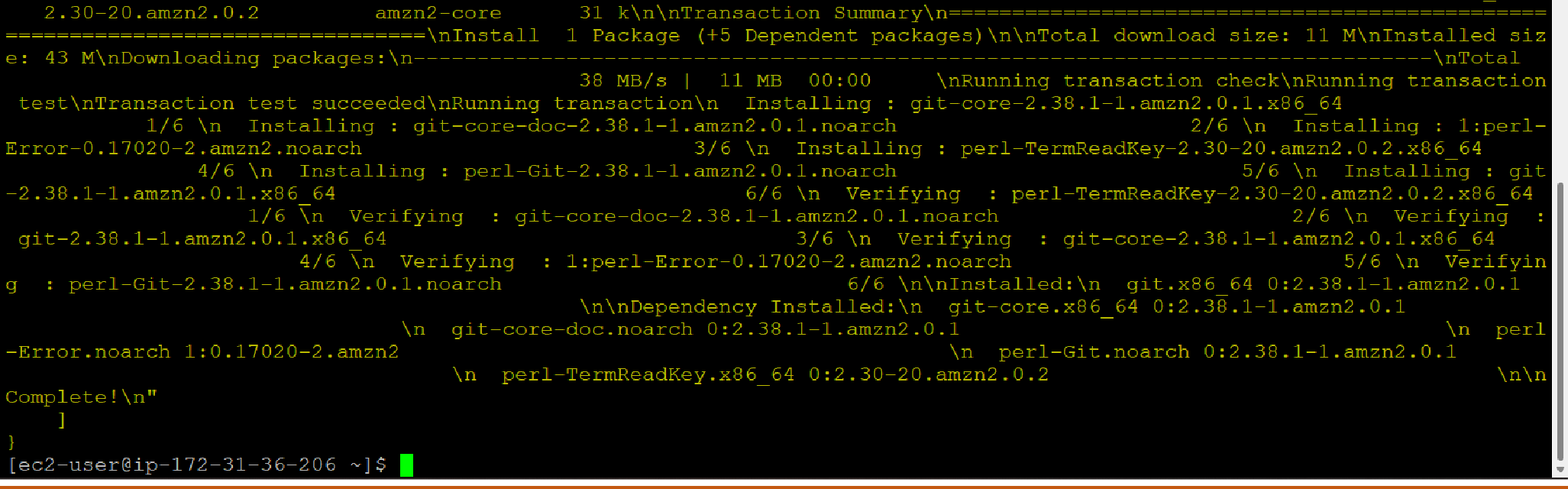
## Now ad-hoc commands

1) ansible all -m yum -b -a “name=git”

# install git on Master







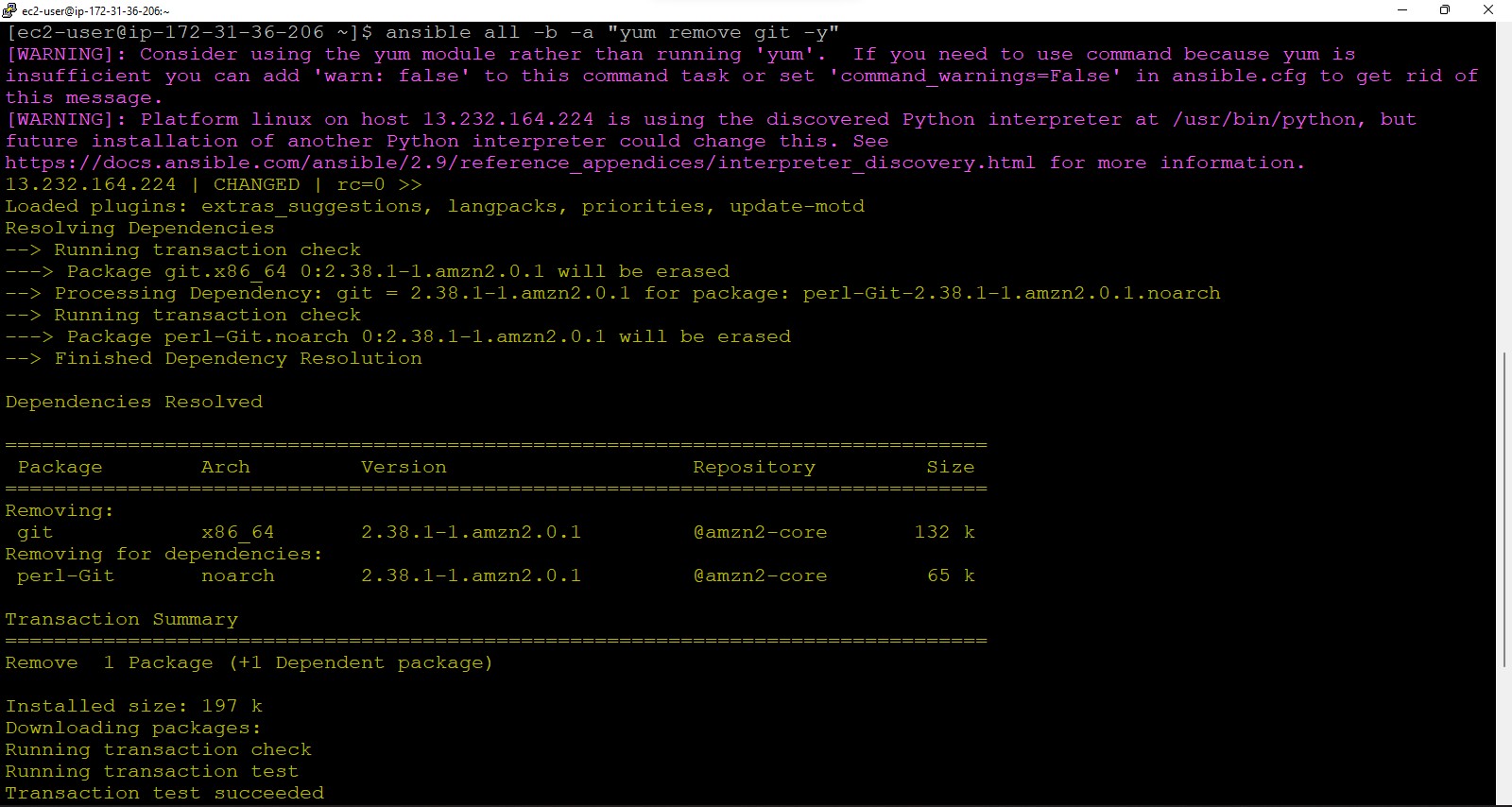
Now Git has installed on Master Then Checking Git on Node:

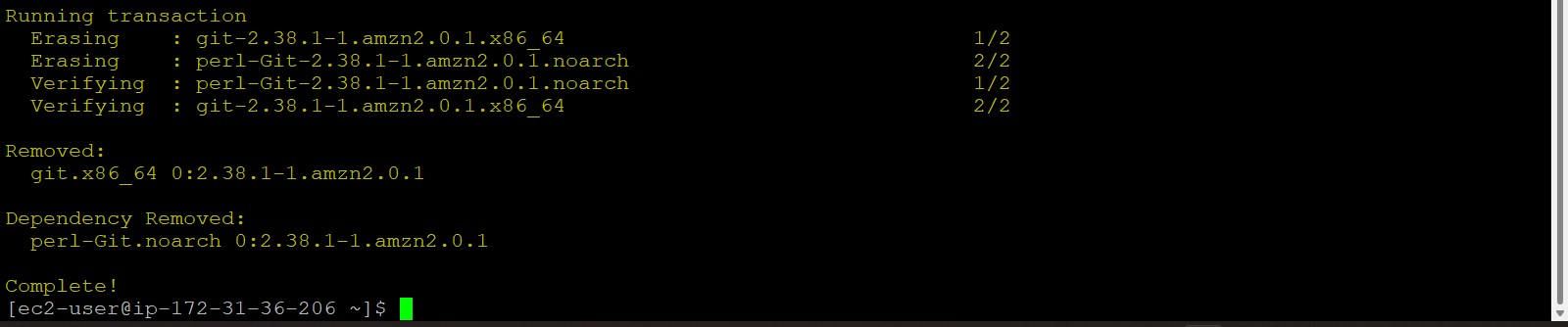
Graphical user interface

Description automatically generated with low confidence

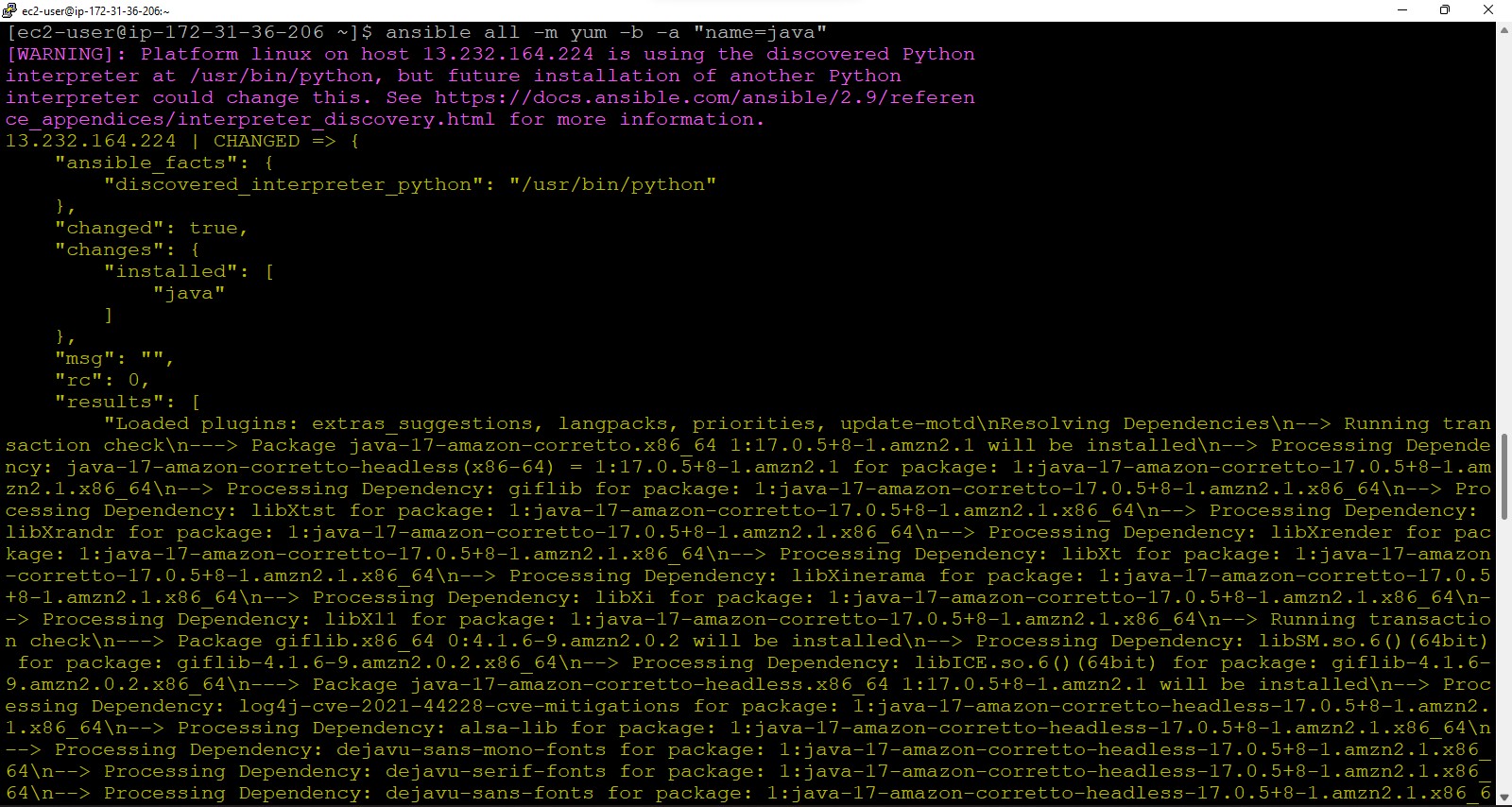
## Yes, Git available on node also. Now removing git from the Master

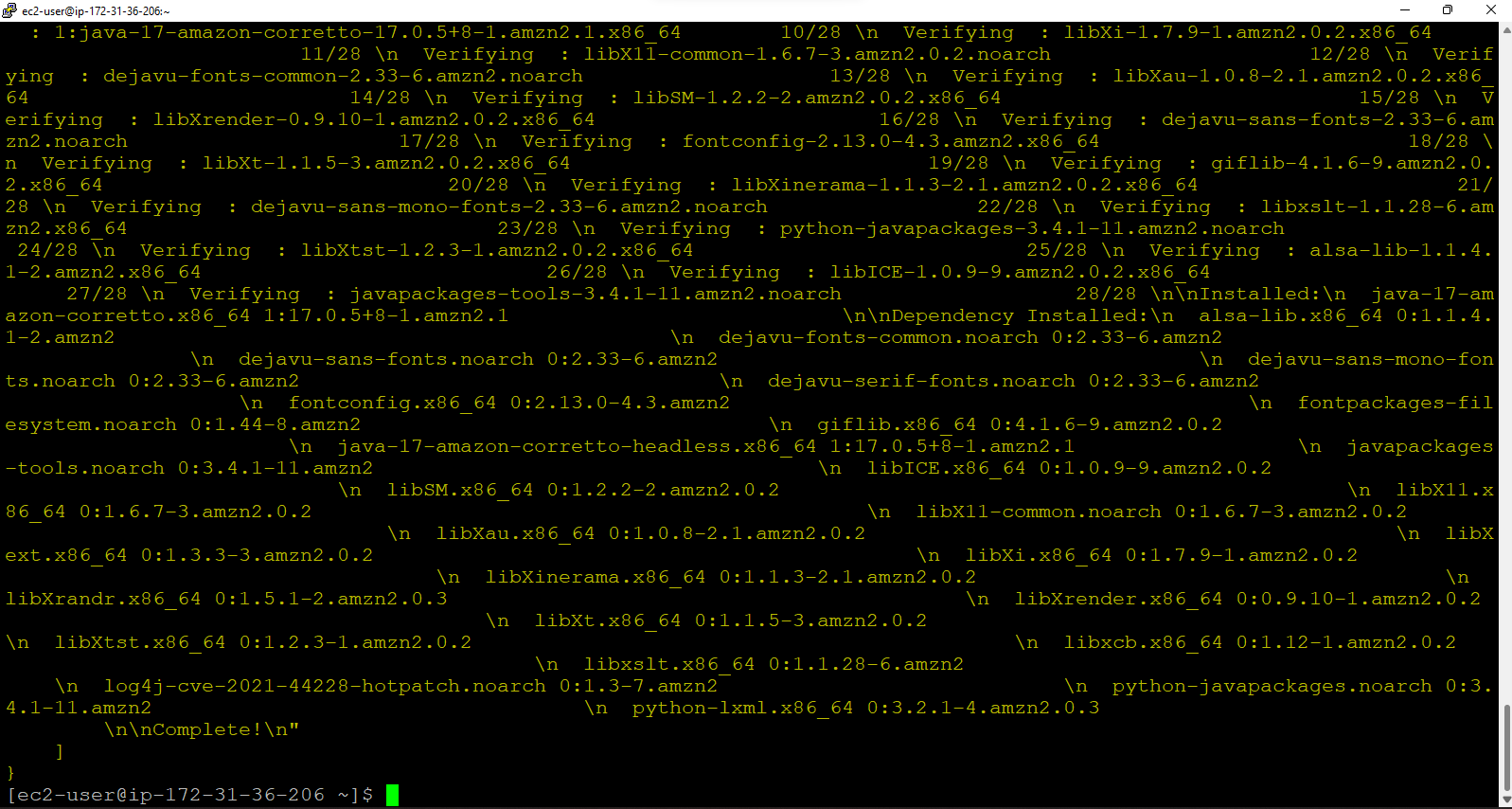
Command: ansible all -b -a "yum remove git -y"





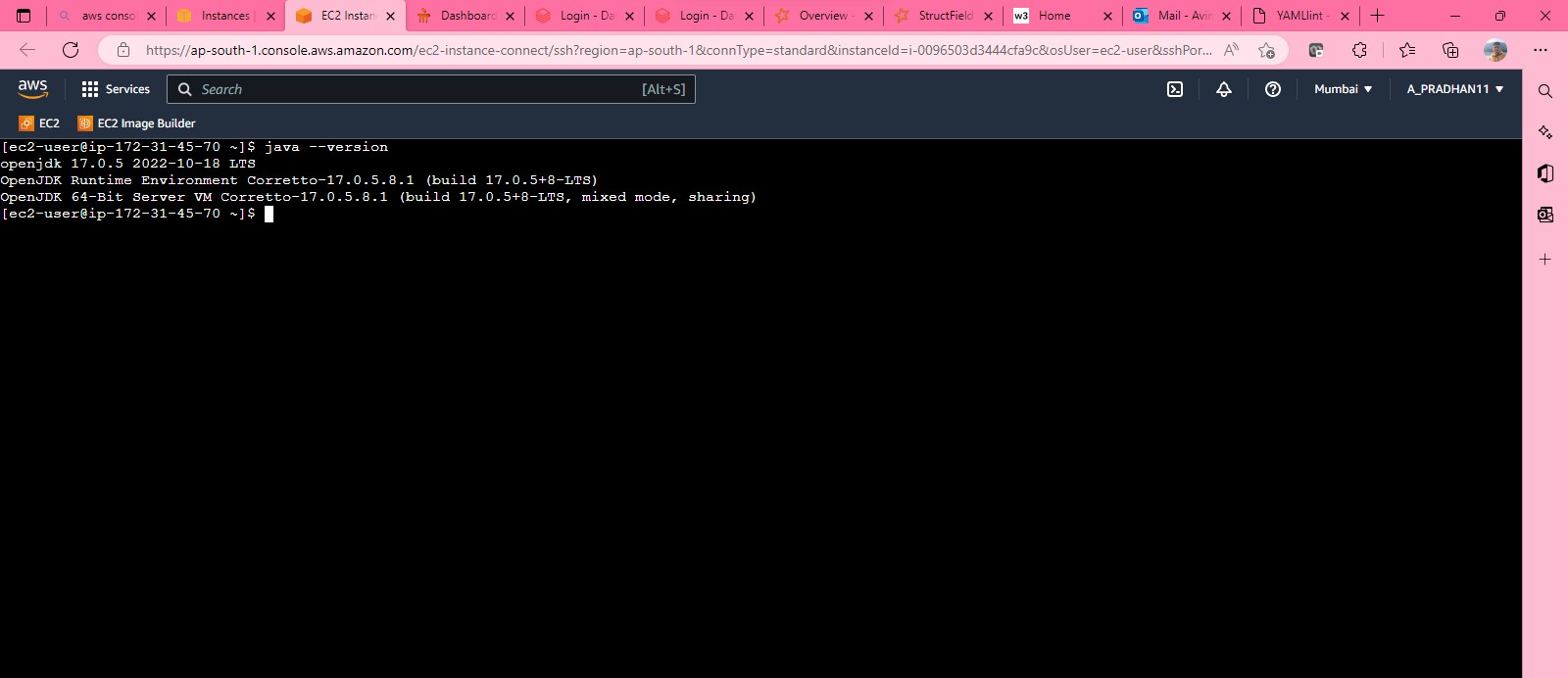
Command: **ansible all -m yum -b -a "name=java"**





### Java installed on Master.

From Node:



### Now, Java also installed on Node vm.