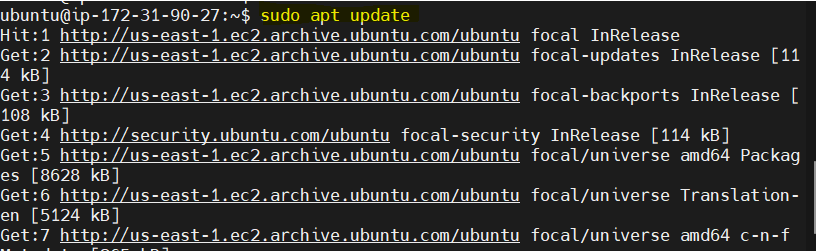
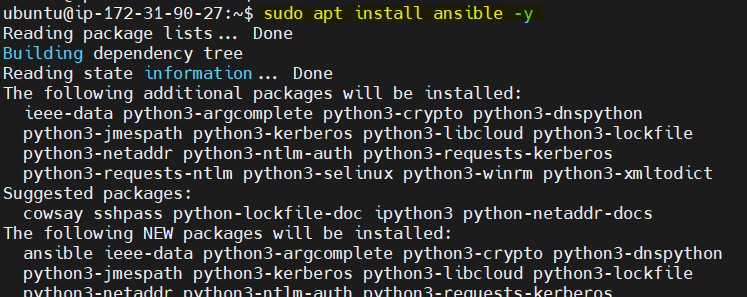
**# SSH Password-Based authentication to connect to the node from Master node**

**##** Install and Configure Ansible on Ubuntu 20.04.

Syntax: $sudo apt update

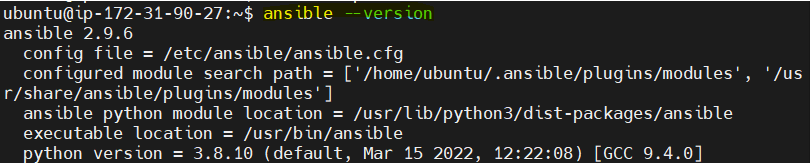


Syntax: $sudo apt install ansible -y



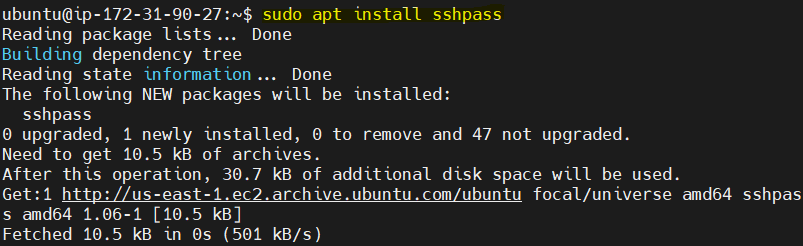
# Check Ansible version

Syntax: $ansible --version



# Installing sshpass act as SSH authentication mechanism.

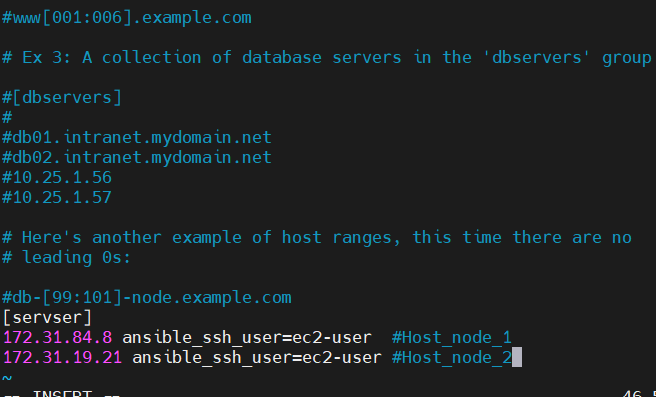
Syntax: $sudo apt install sshpass



**#** Now, configure the ansible hosts inventory file which is come with default ansible inventory file.

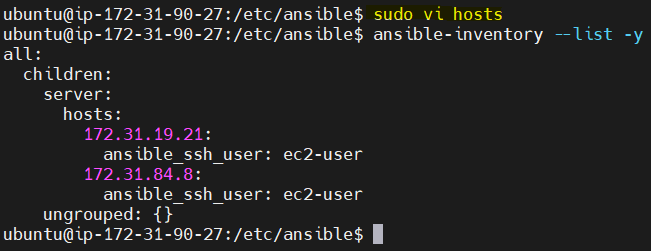
Syntax: $sudo vim /etc/ansible/hosts





**# List of inventories below**

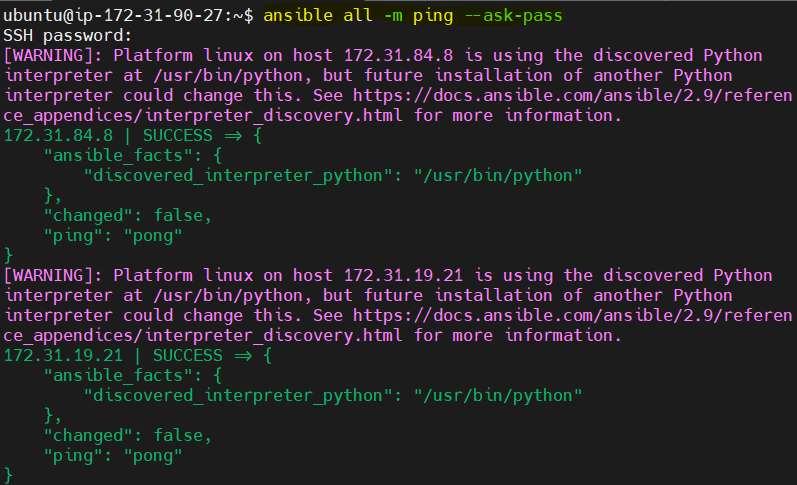
Syntax: $ansible-inventory --list -y



# Now, Connect Password based SSH logging or Connection testing and need to append the option **--ask-pass** that means will make ansible prompt for the password of the host-node user.

* Validity of SSH credentials (node user)

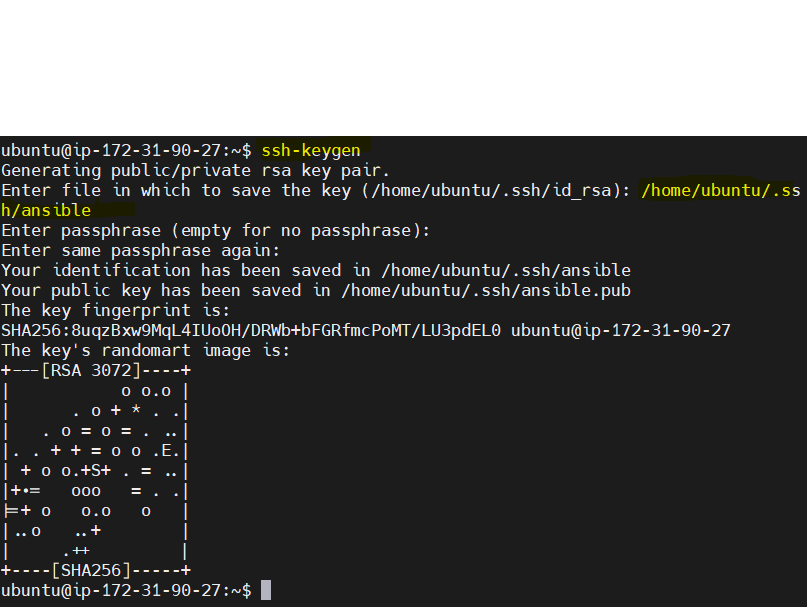
Syntax: $ansible all -m ping --ask-pass



**# SSH with Passwordless Logging**

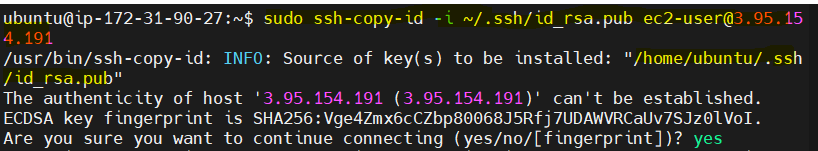
**Step1.** Create SSH Key-pair like Private and Public Key pair on the Ansible Master node.

Syntax: $ssh-keygen



# Copy the Public Key to my both Host-node machine (node1 and node2) below an example.

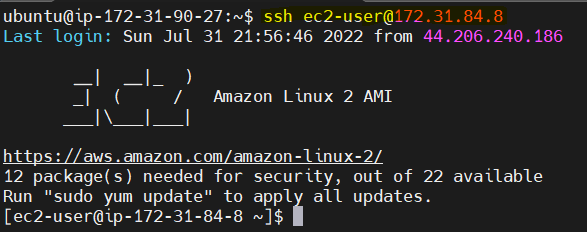
Syntax: $sudo ssh-copy-id -i ~/.ssh/id\_rsa.pub ec2-user@172.31.19.21



Note: Once triggered this command it will copy the content of **id\_rsa.pub** key under the .ssh file for ec2-user of the node server side

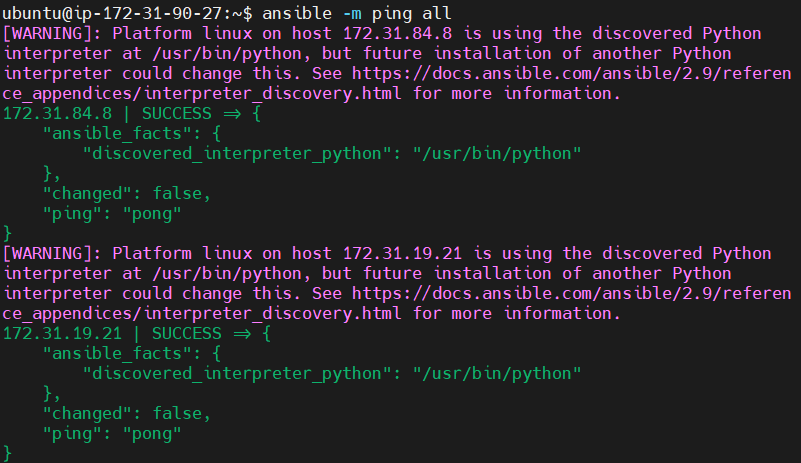
**#** Now**,** SSHtesting tohost node from Master node

Syntax: $ssh ec2-user@172.32.84.8



**#** Thisallows to control host-node without a password (Passwordless) from Master-node`

Syntax: $ansible -m ping all



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