ANSIBLE

Ansible Installation:

For Ansible Control Server:

Step 1: Add Ansible PPA to our system

\$ sudo apt-add-repository ppa:ansible/ansible

Step 2: Update the packages and Installing Ansible

\$ sudo apt-get update && sudo apt-get install ansible

Step 3: Check whether ansible installed or not

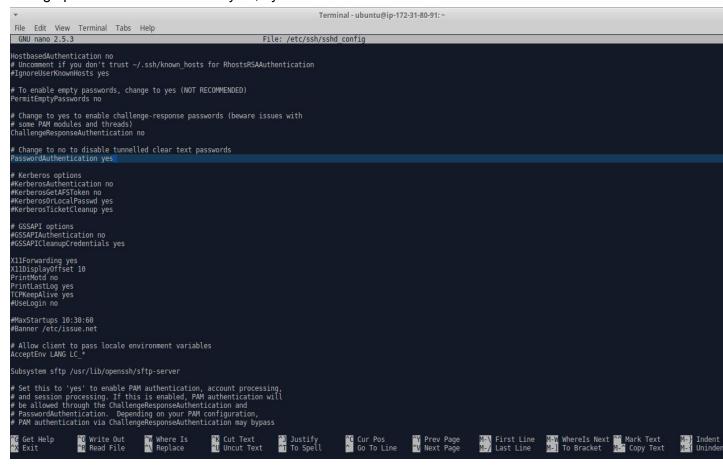
ansible --version

Step 4: Make password authentication as 'yes'

\$ sudo nano /etc/ssh/sshd_config

Find the below line,

Change password authentication 'yes', by default it is 'no'



Step 5: Make sure to restart sshd service

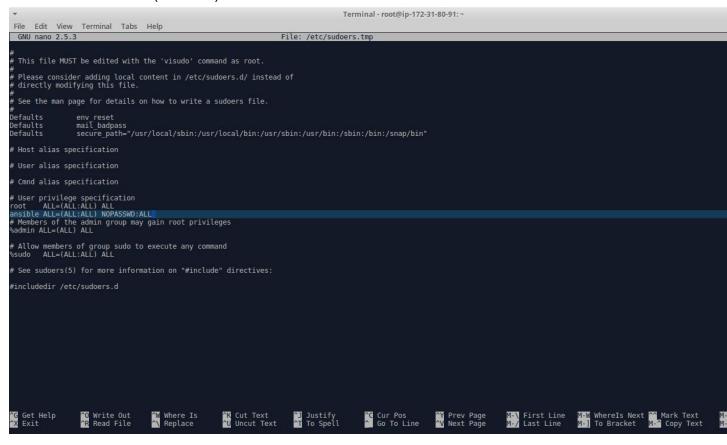
\$ sudo service sshd restart

Step 6: create a user and give sudo privileges to that user

- \$ sudo -i
- \$ adduser ansible
- \$ visudo

Add below line at user privilege specification.

ansible ALL=(ALL:ALL) NOPASSWD: ALL



Step 7: Generate the key for ssh authentication for nodes

\$ su ansible

\$ ssh-keygen

Generated key will be available at '/home/ansible/.ssh/id_rsa.pub' location

Step 8: Copy the key into node which you want to configure with control server.

\$ ssh-copy-id <user>@<node's IP>

Step 9: Check whether the node is properly configured or not

ssh <user>@<node's IP>
If it is not asking password, then your configuration with node is succeeded

For Ansible Node:

Step 1: Update packages and Installing Python

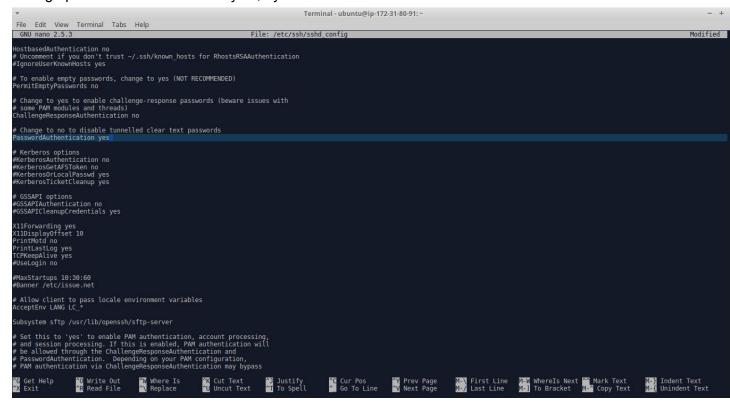
sudo apt-get update && sudo apt-get install python

Step 2: Make password authentication as 'yes'

\$ sudo nano /etc/ssh/sshd_config

Find the below line,

Change password authentication 'yes', by default it is 'no'



Step 5: Make sure to restart sshd service

\$ sudo service sshd restart

Step 6: create a user and give sudo privileges to that user

- \$ sudo -i
- \$ adduser ansible
- \$ visudo

Add below line at user privilege specification.

ansible ALL=(ALL:ALL) NOPASSWD: ALL

