Setting up Annsible

**Step 1 — Installing Ansible**

sudo apt update

sudo apt install software-properties-common

Then add the Ansible PPA by typing the following command:

sudo apt-add-repository ppa:ansible/ansible

Press ENTER to accept the PPA addition.

ext, refresh your system’s package index once again so that it is aware of the packages available in the PPA:

sudo apt update

Following this update, you can install the Ansible software:

sudo apt install ansible

Create a new user for ansible administration & grant admin access to user (Master and Slave)

useradd ansadmin

passwd ansadmin

# below command addes ansadmin to sudoers file. But strongly recommended to use "visudo" command if you are aware vi or nano editor.

visudo

echo "ansadmin ALL=(ALL) ALL" >> /etc/sudoers

Using keybased authentication is advised. If you are still at learning stage use password based authentication (Master & Slave)

# sed command replaces "PasswordAuthentication no to yes" without editing file

sed -ie 's/PasswordAuthentication no/PasswordAuthentication yes/'

vi /etc/ssh/sshd\_config

after the step restart the service

service sshd restart

Login as a ansadmin user on master and generate ssh key (Master)

ssh-keygen

Copy keys onto all ansible client nodes (Master)

ssh-copy-id <target-server>

Update target servers information on /etc/ansible/hosts file (Master)

echo "<target server IP>" >

vi /etc/ansible/hosts

Run ansible command as ansadmin user it should be successful (Master)

ansible all -m ping