**Ansible Control Node Setup for its tasks**

**Installing Using sudo user on host machine:**

sudo apt install -y software-properties-common

sudo add-apt-repository --yes --update ppa:ansible/ansible

sudo apt update

sudo apt install ansible

ansible –version

**Setting up ssh key on host/ control node to share among managed nodes:**

ssh-keygen -t rsa

ssh-copy-id -i ~/.ssh/id\_rsa.pub user@ip/hostname

Now: user@ip/hostname

ssh logins without password

**Ansible Configuration:**

I am using **default config file** which is placed in /etc/ansible/ansible.cfg

inventory = /etc/ansible/hosts

host\_key\_checking = False

become=True

become\_method=sudo

become\_user=zainulabideen (my host sudo user can be different for yours)

become\_ask\_pass=False

In **Inventory file** use the syntax below:

[wagtail]

wagtail\_host ansible\_host=192.168.10.10 ansible\_user=ansible2 ansible\_private\_key\_file=/home/zainulabideen/.ssh/id\_rsa ansible\_ssh\_common\_args='-o StrictHostKeyChecking=no'

All details are of ansible remote nodes expect the private key file which is of my hosts machine key and is used to connect to remote machine without password.

**Test Connection From Control node to Remote Managed Nodes:**

We can user ansible modules here to test the connection of our remote nodes that we have added in out inventory file

sudo ansible wagtail -m ping

Shows below output on success:

wagtail | SUCCESS => {

"ansible\_facts": {

"discovered\_interpreter\_python": "/usr/bin/python3"

},

"changed": false,

"ping": "pong"

}

Now we can create our Playbooks to automate out tasks.

Refer to ansible documentation

**Helpful Links:**

https://www.linuxtechi.com/how-to-install-ansible-on-ubuntu/

<https://docs.ansible.com/>