

ansible

Install basic dependencies for ansible

```
apt update && apt upgrade -y && apt autoremove -y && reboot
apt update
apt install software-properties-common -y
apt-add-repository --yes --update ppa:ansible/ansible
apt install python-argcomplete
vim /etc/ansible/hosts
```

Add the following configuration to your `/etc/ansible/hosts` file.

```
[master]
apu03.home

[k8s]
apu[03:06].home

[nodes]
apu[04:06].home

[k8s:vars]
ansible_python_interpreter=/usr/bin/python3
```

Add an `ansible` user

```
useradd -m ansible
```

With group `ansible` and `sudo` allowance

```
usermod -a -G sudo ansible
```

Switch to the user

```
su - ansible
```

Start `bash`

```
bash
```

Create an ssh key

```
ssh-keygen
```

Give the user `ansible` the bash shell as default

```
usermod --shell /bin/bash ansible
```

Allow to sudo without password from the ansible user

```
echo "ansible ALL = (root) NOPASSWD:ALL" | sudo tee /etc/sudoers.d/ansible  
sudo chmod 0440 /etc/sudoers.d/ansible
```

Copy the public ssh key of the ansible user

```
vim .ssh/id_rsa.pub
```

Add it on all nodes as authorized key

```
mkdir .ssh  
vim .ssh/authorized_keys
```

Find my first playbook on [github](#)

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