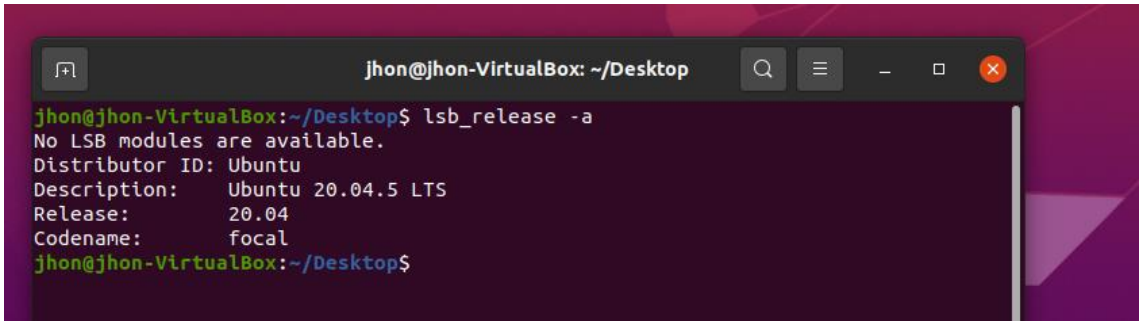
Tarea

Homework

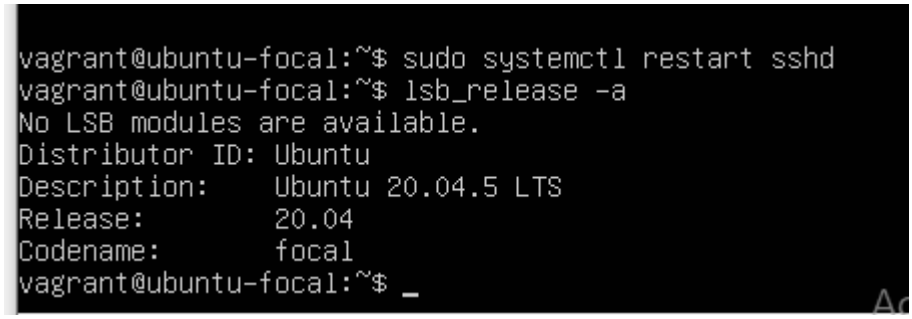
- Create an Ansible playbook

1) Create a VM using virtualbox
2) Install ansible on your local machine and control the VM (perform installations of tools / libraries)
3) Create ansible inventory file
4) Create ansible playbook
5) Create public /private key pair and setup SSH authentication

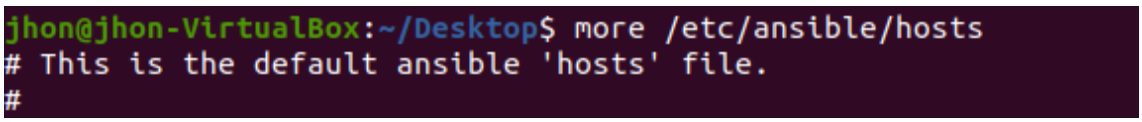
Vm ansible

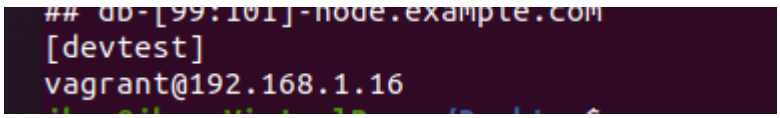


Vm host vagrant



Host ip setup inventory file





Vm guest config

```
vagrant@ubuntu-focal:~$ sudo nano /etc/ssh/sshd_config
```



```
#IgnoreRhosts yes

# To disable tunneled clear text passwords, change to no here!
PasswordAuthentication yes
#PermitEmptyPasswords no

# Change to yes to enable challenge-response passwords (beware issues with
```

Used Instalationn command

```
sudo add-apt-repository --yes --update ppa:ansible/ansible
sudo apt install ansible -y
```

Ssh gen

```
jhon@jhon-VirtualBox:~/Desktop$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/jhon/.ssh/id_rsa):
```

Copy ssh

```
jhon@jhon-VirtualBox:~/Desktop$ ssh-copy-id -i ~/.ssh/id_rsa.pub vagrant@192.168.1.16
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/jhon/.ssh/id_rsa.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/usr/bin/ssh-copy-id: WARNING: All keys were skipped because they already exist on the remote system.
                (if you think this is a mistake, you may want to use -f option)

jhon@jhon-VirtualBox:~/Desktop$
```

Create playbook

```
jhon@jhon-VirtualBox:~$ more anisble-workspace/test.yaml
---
- hosts: all
  become: true
  become_method: sudo
  tasks:
    - name: "Show Network Interfaces"
      command: ifconfig
      register: details
    - name: 'Get Interfaces details'
      debug:
        msg: "{{ details.stdout }}"
jhon@jhon-VirtualBox:~$
```


```
PLAY RECAP *********************************************************************************************************
vagrant@192.168.1.16       : ok=3    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```