

Steps to Install Ansible and its Connection Between Master and Hosts

prequesities:

Created 2 instances(ubuntu)

one for master and another for hosts

Step 1:installing ansible

sudo apt-add-repository ppa:ansible/ansible

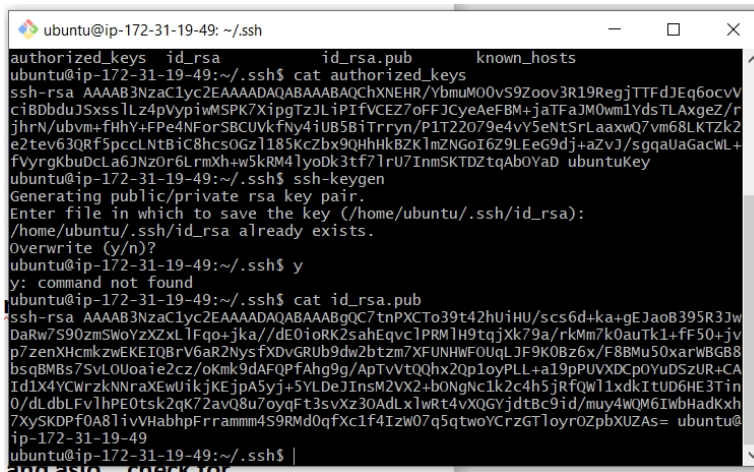
sudo get update

sudo apt install ansible

Note:we install ansible only on master and aslo check for python installed or not

```
ubuntu@ip-172-31-19-49:~/.ssh$ ls
authorized_keys  id_rsa  id_rsa.pub  known_hosts
ubuntu@ip-172-31-19-49:~/.ssh$ |
```

We can find Authorized keys:Create Key using command :ssh-keygen



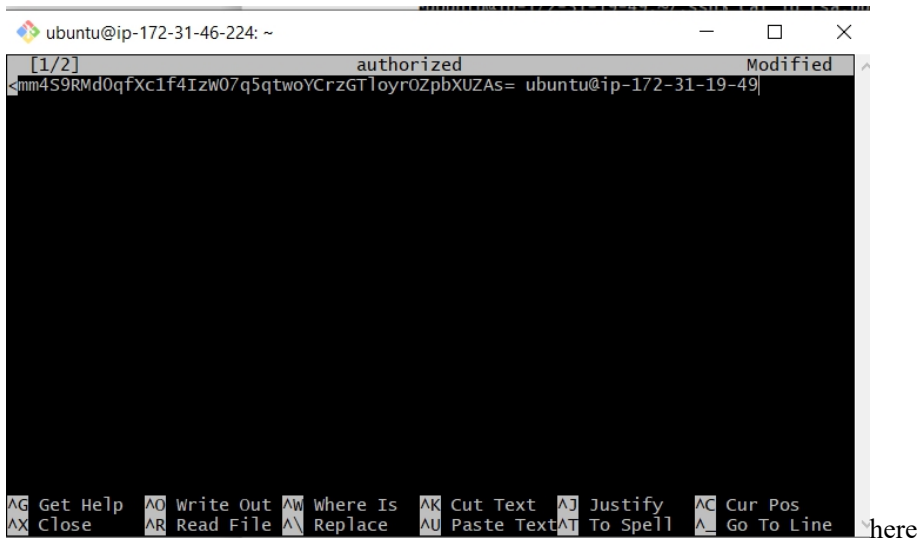
```
ubuntu@ip-172-31-19-49: ~/.ssh
authorized_keys  id_rsa  id_rsa.pub  known_hosts
ubuntu@ip-172-31-19-49:~/.ssh$ cat authorized_keys
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQChXNEHR/Ybmu00vS9Zoov3R19RegjTTFdJEq6ocvV
c1BDbduJSxss1Lz4pVypiwMSPK7X1pgTzJL1PIfVCEZ7oFFJCyeAeFBM+jaTfaJM0wm1YdsTLAxeZ/r
jhrN/ubvm+fhHY+FPe4NforSBCUVkfNy4iUB5BiTrryn/P1T22079e4vY5eNtSrLaaxwQ7vm68LKTZk2
e2tev63QRf5pccLNTB1C8hcsOGz1185KcZbx9QHhkBZKlmZNGoI6Z9LEeG9dj+aZv3/sgqaUaGacWL+
fVyrgKbuDcla6JNz0r6LrmXh+w5kRM41yoDk3tf71rU7InmSKTDZtqAb0YaD ubuntuKey
ubuntu@ip-172-31-19-49:~/.ssh$ ssh-keygen
Generating public/private rsa key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_rsa):
/home/ubuntu/.ssh/id_rsa already exists.
Overwrite (y/n)?
ubuntu@ip-172-31-19-49:~/.ssh$ y
y: command not found
ubuntu@ip-172-31-19-49:~/.ssh$ cat id_rsa.pub
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQgQC7tnPXCTo39t42huiHU/scs6d+ka+gEJaoB395R3Jw
DaRw7S90zmSwoYzXZxL1Fqo+jka//dE01oRK2sahEqvc1PRM1H9tqjXk79a/rkMm7k0auTk1+ff50+jv
p7zenXHcmkzwEKEIQBrV6aR2NysfXDvGRub9dw2btzm/XFUNHWF0UqLJF9K0Bz6x/F8BMu50xarWGB8
bsqBMBs7SVLOuaie2cz/okmk9dAFQPfAhg9g/ApTvvtQQhx2Qp1oyPLL+a19pPUVXDCp0YuDSzUR+CA
Id1X4YcwrzkNNraxEwUikjKEjpA5Yj+5YLDeJInsM2VX2+b0Ngnc1k2c4h5jRfqw11xdkItUD6HE3Tin
0/dLdbLfv1hpE0tsk2qK72avQ8u7oyqFt3svXz30AdLx1wrt4vXQGVjdtBc9id/muy4wQM6IwbHadKxh
7XySKDPf0A81ivvHahhpFrramm459Rmd0qfXc1f4Izw07q5qtwoVCrzGTloyr0ZpbXUZAs= ubuntu@
ip-172-31-19-49
ubuntu@ip-172-31-19-49:~/.ssh$ |
```

Now open the slave git bash

Enter `cd .ssh`

```
ubuntu@ip-172-31-46-224:~$ cd .ssh
ubuntu@ip-172-31-46-224:~/ssh$ ls
authorized_keys
ubuntu@ip-172-31-46-224:~/ssh$ sudo nano authorized_keys
```

Now editor will open we will copy paste the command



Now open the Master terminal enter

`Sudo nano \etc\ansible\hosts`

Set the servers public ip address of slave in master

Next enter the ansible `-m ping all`

```
ubuntu@ip-172-31-19-49:~/ssh$ sudo nano /etc/ansible/hosts
ubuntu@ip-172-31-19-49:~/ssh$ ansible -m ping all
slave1 | SUCCESS => {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
```