

HOW TO INSTALL ANSIBLE AND CONNECTION BETWEEN HOST SERVERS

STEP 1:-

- Create 4 servers for example:-
1-for master server
3-for host servers

Step2:-

- **ssh** master server & all host servers with the help of mobaxream

Step3:-

- Create file **vim ansible installation script.sh**
- Install the ansible package with the help of script
i
#!/bin/bash
sudo apt-get update -y
sudo apt install software-properties-common -y
sudo apt-add-repository ppa:ansible/ansible -y
sudo apt update -y
sudo apt install ansible -y
:wq!
- Give the permission:-
Sudo chmod +x ansible_installation_script.sh
ls
- Run the script:-
./ vim ansible_installation_script.sh
ansible --version
- Create key:-
ssh-keygen
- Copy public key id_rsa.pub and past in host 1, host 2, host 3 server's authorised_key.

Step4:-

- In host server download python package which supports the ansible. **Make sure that the version of python in master server and all host servers must be same.**
- Create file:- **vim python_installation_script.sh**
i
#!/bin/bash
sudo apt-get update -y
sudo apt-get install python -y(mention python's version)

:wq!

- Run script:- **./ python_installation_script.sh**

Step5:-

- now ssh host servers on master server:-
ssh ubuntu@ip_address_of_host_servers

Step6:-

- Make changes in configuration file of ansible which is present in:
Vim /etc/ansible/hosts

```
## Inventory for our Practice nodes
[production]
host1 ansible_ssh_host=15.206.128.147
#node2 ansible_ssh_node=
#node3 ansible_ssh_node=

"/etc/ansible/hosts" 61L, 1314B
```

***(Here mention all ip address of all hosts)**

Step7:-

Now try to ping host servers from master ansible server.

ansible -m ping all

```
ubuntu@ip-172-31-14-168:~$
ubuntu@ip-172-31-14-168:~$
ubuntu@ip-172-31-14-168:~$ ansible -m ping all
host1 | SUCCESS ==> {
  "ansible_facts": {
    "discovered_interpreter_python": "/usr/bin/python3"
  },
  "changed": false,
  "ping": "pong"
}
ubuntu@ip-172-31-14-168:~$
ubuntu@ip-172-31-14-168:~$
ubuntu@ip-172-31-14-168:~$
```

It will send response "ping:pong"

By this way we establish ansible mater server and connection between host servers.