



Installation

```
sudo apt-add-repository ppa:ansible/ansible
```

```
sudo apt update
```

```
sudo apt install ansible
```

Hosts file

```
sudo nano /etc/ansible/hosts
```

```
ansible-inventory --list -y
```

```
[servers]
```

```
server1 ansible_host=100.26.220.138
```

```
server2 ansible_host=54.210.87.140
```

```
server3 ansible_host=54.236.43.216
```

```
[all:vars]
```

```
ansible_python_interpreter=/usr/bin/python3
```

```
ansible_user=ubuntu
```

```
ansible_ssh_private_key_file=/home/ubuntu/keys/shubham-linux-key.pem
```



Running commands

ansible all -a "df -h" -u ubuntu

ansible all -m ping -u ubuntu

ansible servers -a "uptime" -u ubuntu

Playbooks

Date:

-


name: Play Date

hosts: servers

tasks:

- name: Show date

command: date



Nginx Install:

-

name: Install Nginx

hosts: servers

become: yes

tasks:

- name: Nginx Installer

apt:

name: nginx

state: latest

- name: Nginx start

service:

name: nginx

state: started

enabled: yes



Conditional

-

hosts: servers

become: true

tasks:

- name: Install apache

apt:

name: apache2

state: latest

when: ansible_distribution == 'Debian' or ansible_distribution == 'Ubuntu'

- name: Install httpd

yum:

name: httpd

state: latest

when: ansible_distribution == 'CentOS' or ansible_distribution == 'Red Hat Enterprise Linux'

