

Infrastructure Automation

Terraform --> IaC

Ansible --> Configuration Management

Master

```
sudo apt update
python3 --version
sudo apt install software-properties-common
sudo apt-add-repository --yes --update ppa:ansible/ansible
sudo apt update
sudo apt install ansible
```

Hosts

```
sudo apt update
python3 --version
```

Ssh connectivity keyless

```
ssh-keygen
```

Common Commands

```
ansible -m ping all
```

```
ansible -m ping DEV
DEV : Group
```

```
ansible -m ping host1
ansible -m ping host2
```

Run ansible Playbook

```
Ansible-playbook <sample-playbook.yaml>
```

Ansible Role → <https://github.com/raushan8586/ansible>

```
sudo ansible-galaxy init web1
```

sudo apt install tree → Not related to ansible role. It is just for your better visualisation

tasks → all the ansible playbooks. Main.yml → sequence
files → move file to the remote server

cd /etc/ansible

Create a playbook and mention the role name

ansible-playbook webServer.yml