

Module 5: Configuration Management with Ansible

Demo Document - 2

edureka!

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Demo – 2: Ansible Playbook

Note: Text editor used in this demo is nano. You can use any other editor without any problems

- Navigate to the ansible directory

Syntax: `cd /etc/ansible`

```
edureka@edureka:/etc/ansible$ cd  
edureka@edureka:~$ cd /etc/ansible
```

- Create a YAML file (playbooks are written in YAML and have a .yaml extension)

Syntax: `sudo nano playbook1.yml`

```
edureka@edureka:/etc/ansible$ sudo nano playbook1.yml
```

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- Write the tasks for the play

```
---  
- hosts: all  
  become: true  
  tasks:  
    - name: install ntp  
      apt:  
        pkg: ntp  
        state: present  
    - name: install vim  
      apt:  
        pkg: vim  
        state: present  
    - name: start ntp service  
      service:  
        name: ntp  
        state: started  
        enabled: true  
    - name: run update  
      apt:  
        update_cache: yes
```

- To run the playbook, use ansible-playbook command

```
edureka@edureka:/etc/ansible$ ansible-playbook playbook1.yml

PLAY [all] *****

TASK [Gathering Facts] *****
ok: [app1]
ok: [db1]

TASK [install ntp] *****
changed: [app1]
changed: [db1]

TASK [install vim] *****
ok: [db1]
changed: [app1]

TASK [start ntp service] *****
ok: [db1]
ok: [app1]

TASK [run update] *****
changed: [db1]
changed: [app1]

PLAY RECAP *****
app1      : ok=5    changed=3    unreachable=0    failed=0
db1       : ok=5    changed=2    unreachable=0    failed=0

edureka@edureka:/etc/ansible$
```

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