

## Lab6- Working with Playbook

### 1. Create Playbook for reachability test

Change your directory to platform and create the playbook.

```
vim <PLAYBOOK_NAME>.yaml
```

Press enter

Press i for edit

Edit created .yaml file copy contents from below url, paste in playbook Change

<hostname>

Press escape then wq! To save and exit.

Sample-playbook link:

<https://pastebin.com/raw/aML2Hbw1>

#

#run playbook

```
ansible-playbook <PLAYBOOK_NAME>.yaml -i hosts
```

```
devops@master:~/platform$ ansible-playbook pingtest.yaml -i hosts

PLAY [Test connectivity to target servers] *****

TASK [Gathering Facts] *****
ok: [node1]
ok: [node2]

TASK [Ping test] *****
ok: [node2]
ok: [node1]

PLAY RECAP *****
node1                : ok=2    changed=0    unreachable=0    failed=0
node2                : ok=2    changed=0    unreachable=0    failed=0
```

### 2. Create Playbook for Apache web-server installation.

Sample-playbook link

<https://pastebin.com/raw/FmmtXkqk>

#Create playbook for apache installation

vim <PLAYBOOK\_NAME>.yml

press i for edit and escape then wq! For save and exit.

#Copy content from sample playbook use **hostname = localhost**

#Before Installing apache locate your instance public IP and open it in browser

You will get an error "Unable to Connect"



ansible-playbook <Playbook\_name>.yml -b -i hosts

Here we used option – b for become sudo.

```
devops@master:~/platform$ ansible-playbook install_apache.yml -i hosts -b
PLAY [node1] *****
TASK [Gathering Facts] *****
ok: [node1]

TASK [install apache2] *****
changed: [node1]

PLAY RECAP *****
node1                : ok=2    changed=1    unreachable=0    failed=0

devops@master:~/platform$
```

Now Open Instance Public IP in browser, now you can see the default page of Apache.



### 3. Create Playbook for Apache un-installation.

Sample playbook for apache uninstall.

<https://pastebin.com/raw/SmuYBm1v>

vim <PLAYBOOK\_NAME>.yml

press i for edit and escape then wq! For save and exit.

#Copy content from sample playbook and use **hostname = localhost**

ansible-playbook -i hosts uninstall\_apache.yml -b

```
devops@master:~/platform$ ansible-playbook -i hosts uninstall_apache.yml -b
PLAY [node1] *****
TASK [Gathering Facts] *****
ok: [node1]
TASK [remove apache2] *****
changed: [node1]
PLAY RECAP *****
node1                : ok=2    changed=1    unreachable=0    failed=0
devops@master:~/platform$
```

Apache uninstalled successfully on remote machine.