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Experiment 12 – Create and Run Ansible Playbooks:

Steps

- 1. Repeat the steps in Experiment 11 to create the initial setup
- 2. Test adhoc commands

```
ansible@ip-172-31-11-127:~ Q = - ت ×

[ansible@ip-172-31-11-127 ~]$ ansible upes --list-hosts

hosts (1):
172.31.5.83

[ansible@ip-172-31-11-127 ~]$

[ansible@ip-172-31-11-127 ~]$
```

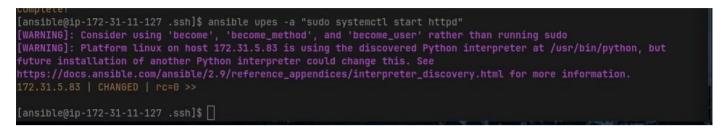
3. Install Apache server on node server using adhoc command

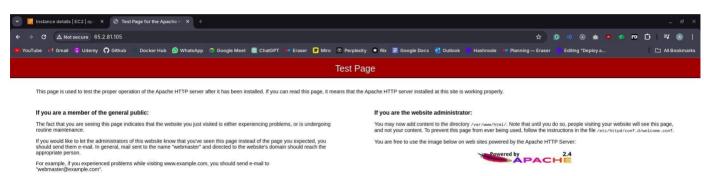
```
ansiblenode@ip-172-31-5-83:~ Q = - נ־ x

[ansiblenode@ip-172-31-5-83 ~]$ which httpd
/usr/bin/which: no httpd in (/usr/local/bin:/usr/local/sbin:/usr/sbin:/home/ansiblenode/.local/bin:/home/ansiblenode/bin)
[ansiblenode@ip-172-31-5-83 ~]$ [
```

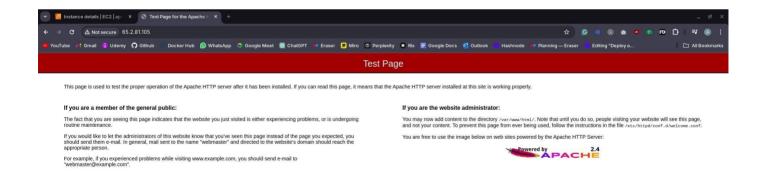


4. Start the httpd service using ansible





5. Remove ansbile and then reinstall using ansible playbook



6. Testing other playbooks

```
[ansible@ip-172-31-11-127 .ssh]$ nano pb2.yml
[ansible@ip-172-31-11-127 .ssh]$ cat pb2.yml
 hosts: upes
 user: ansible
 become: yes
 connection: ssh
 tasks:
  - name: Debian Family
    command: apt-get install apache2 -y
    when: ansible_os_family == "Debian"
  - name: RedHat Family
    command: yum install httpd -y
    when: ansible_os_family == "RedHat"
[ansible@ip-172-31-11-127 .ssh]$ ansible-playbook pb2.yml
[WARNING]: Platform linux on host 172.31.5.83 is using the discovered Python interpreter at /usr/bin/python, but
.
future installation of another Python interpreter could change this. See
https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for more information.
[WARNING]: Consider using the yum module rather than running 'yum'. If you need to use command because yum is
insufficient you can add 'warn: false' to this command task or set 'command_warnings=False' in ansible.cfg to get rid
unreachable=0 failed=0
                                                                rescued=0
                                                                          ignored=0
[ansible@ip-172-31-11-127 .ssh]$ [
```