Lab 11 and 12

Ansible

Name: Pranay Mayal
SapID: 500094093
Batch B2 Devops NH
Subject SPCM

Step 1 Install Ansible in Amazon linux machine

Step 2 Connect both the machine

Create and run ansible playbook

```
[ansible@ip-172-31-13-43 ec2-user]$ ansible upes --list-hosts
  hosts (1):
    172.31.1.122
[ansible@ip-172-31-13-43 ec2-user]$
```

```
Installed:
  apr-1.7.2-2.amzn2023.0.2.x86_64
  apr-util-1.6.3-1.amzn2023.0.1.x86_64
  apr-util-openssl-1.6.3-1.amzn2023.0.1.x86_64
  generic-logos-httpd-18.0.0-12.amzn2023.0.3.noarch
  httpd-2.4.58-1.amzn2023.x86_64
  httpd-core-2.4.58-1.amzn2023.x86_64
  httpd-filesystem-2.4.58-1.amzn2023.noarch
  httpd-tools-2.4.58-1.amzn2023.x86_64
  libbrotli-1.0.9-4.amzn2023.0.2.x86_64
  mailcap-2.1.49-3.amzn2023.0.3.noarch
  mod_http2-2.0.11-2.amzn2023.x86_64
  mod_lua-2.4.58-1.amzn2023.x86_64

Complete!
[ansible@ip-172-31-13-43 ec2-user]$
```

It works!
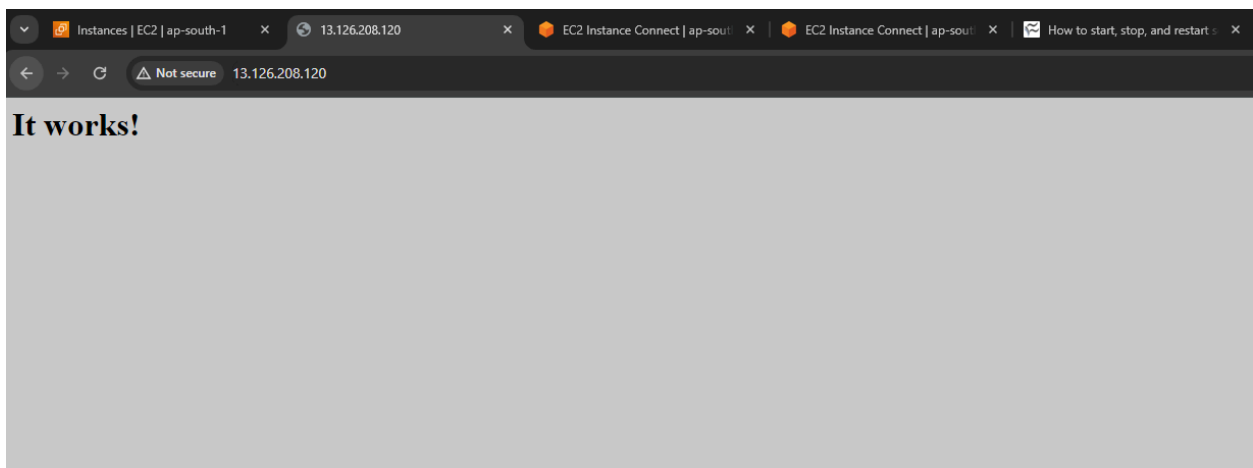
Doing the same via ansible playbook

```
[ansible@ip-172-31-13-43 ~]$ cat ply.yml
---
- hosts: upes
  user: ansible
  become: yes
  connection: ssh
  vars:
    pkgname: httpd
    currstatus: present
  tasks:
    - name: Install HTTPD
      yum:
        name: '{{ pkgname }}'
        state: '{{ currstatus }}'
[ansible@ip-172-31-13-43 ~]$
```

```
[ansible@ip-172-31-13-43 ~]$ ls
ply.yml
[ansible@ip-172-31-13-43 ~]$ ansible-playbook ply.yml

PLAY [upes] ****************************************************************************************************************************************************

TASK [Gathering Facts] *****************************************************************************************************************************************
[WARNING]: Platform linux on host 172.31.1.122 is using the discovered Python interpreter at /usr/bin/python3.9, but future installation of another Python interpreter could change the meaning of that
path. See https://docs.ansible.com/ansible-core/2.15/reference_appendices/interpreter_discovery.html for more information.
ok: [172.31.1.122]

TASK [Install HTTPD] *******************************************************************************************************************************************
changed: [172.31.1.122]

PLAY RECAP *****************************************************************************************************************************************************
172.31.1.122               : ok=2    changed=1    unreachable=0    failed=0    skipped=0    rescued=0    ignored=0
```

It works!