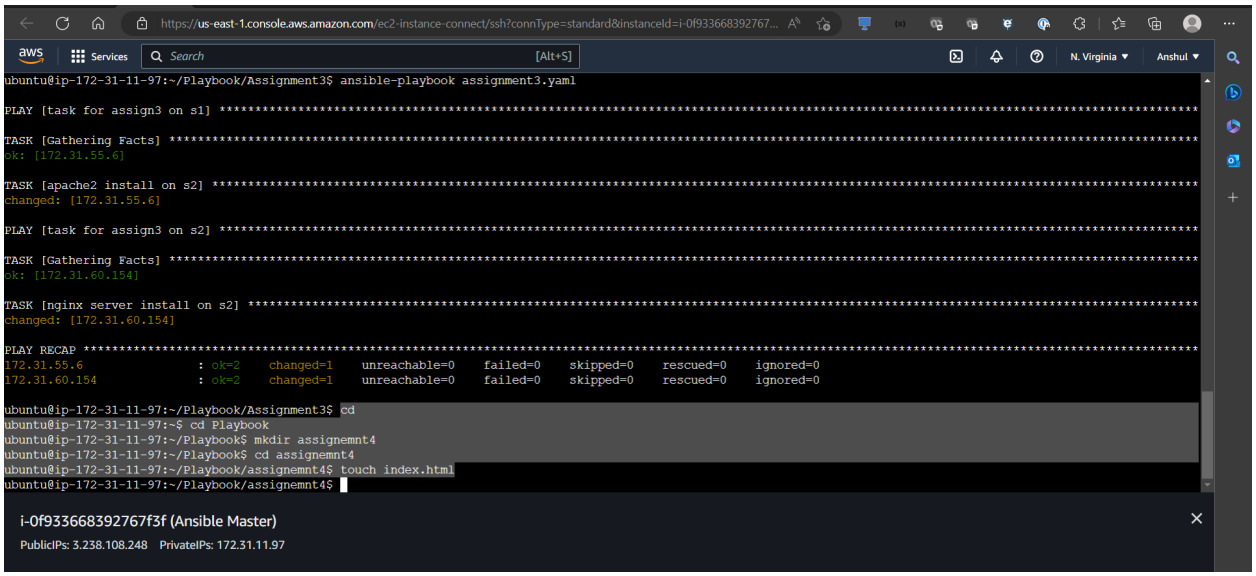
Ansible - 4

You have been asked to:

- Use the previous deployment of ansible cluster
- Configure the files with index.html which should be replaced with the original index.html

Now we will create another folder for this task then create a playbook and html file here which will be then replaced by index.html main file in respective engines of respective slave/worker nodes.

mkdir Assignment4
cd assignment4
Touch index.html
mkdir nginx
Touch index.html
nano assignment4.yaml



we will be using this yaml file:

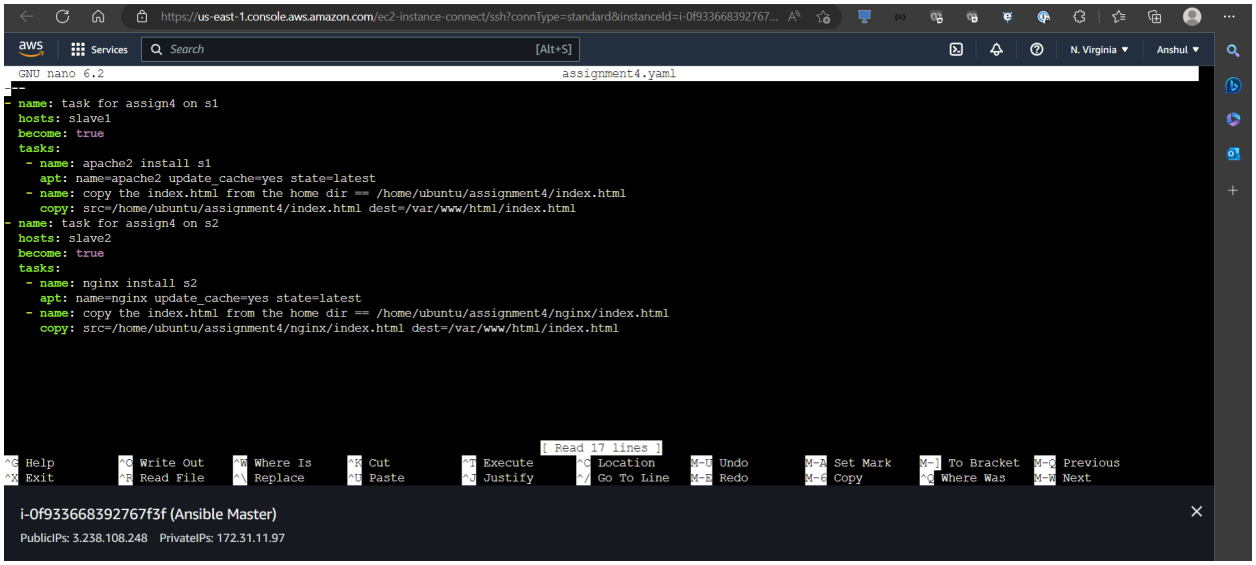
```
---
- name: task for assign4 on w1
  hosts: slave1
  become: true
  tasks:
   - name: apache2 install w1
     apt: name=apache2 update_cache=yes state=latest
   - name: copy the index.html from the home dir == /home/ubuntu/assign4/index.html
     copy: src=/home/ubuntu/assign4/index.html dest=/var/www/html/index.html
- name: task for assign4 on w2
  hosts: slave2
  become: true
  tasks:
   - name: nginx install w2
```

```
    apt: name=nginx update_cache=yes state=latest
  - name: copy the index.html from the home dir == /home/ubuntu/assign4/nginx/index.html
    copy: src=/home/ubuntu/assign4/nginx/index.html dest=/var/www/html/index.html
```

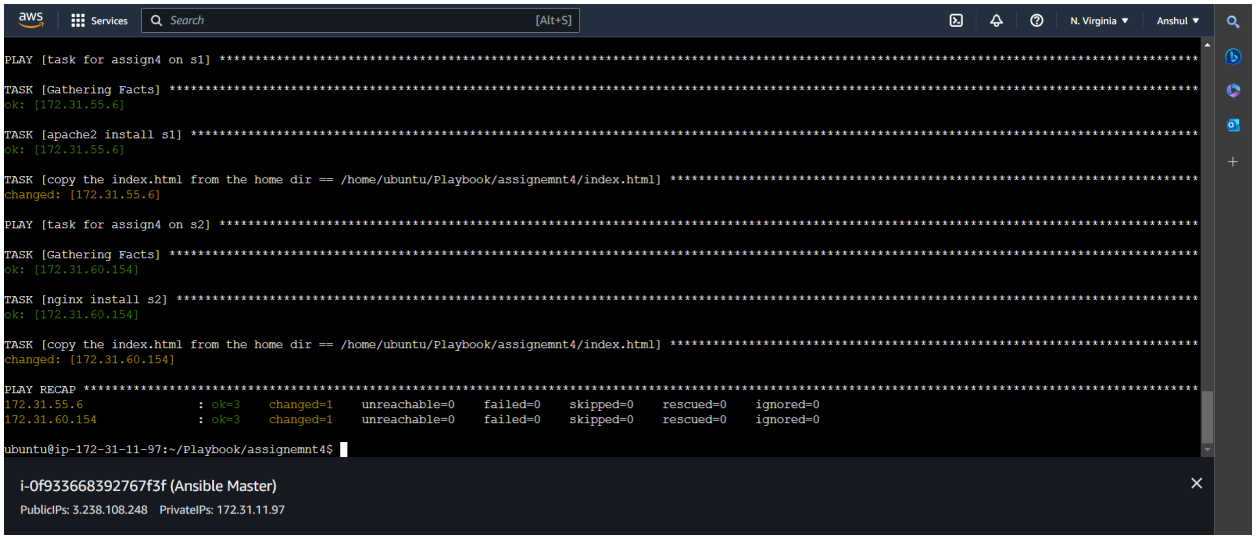
The script defines two tasks to be performed on two different hosts, "slave1" and "slave2", respectively.

For the task on "slave1", the script installs the Apache web server using the "apt" module, and then copies an index.html file from "/home/ubuntu/assign4/index.html" to "/var/www/html/index.html" using the "copy" module.

For the task on "slave2", the script installs the Nginx web server using the "apt" module, and then copies an index.html file from "/home/ubuntu/assign4/nginx/index.html" to "/var/www/html/index.html" using the "copy" module.



Let us run this yaml file using:ansible-playbook <filename.yaml>



Let us see on the respective workers public ip if index.html file changes has been reflected or not.

Conclusion: Any html page can be launched in any engine in n number of worker nodes at the same time using one master node and proper Playbook using Ansible.