

Ansible - 3

You have been asked to:

- Install apache2 on slave1 and nginx on slave2

Just a revision for task 1. Here we will be installing apache2 on slave1 and nginx on slave2.

We will be using this YAML playbook file.

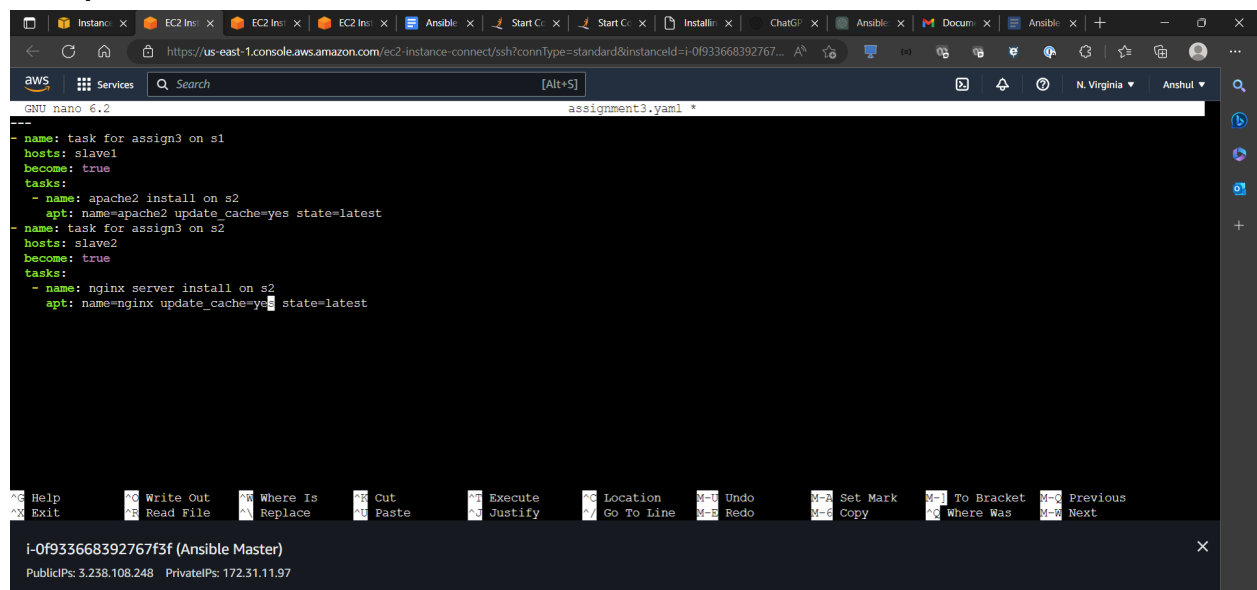
```
Playbook
ubuntu@ip-172-31-11-97:~$ cd Playbook
ubuntu@ip-172-31-11-97:~/Playbook$ ls
assignment2  assignmentmet2.sh  assignmen1.yaml  assignment2.yaml
ubuntu@ip-172-31-11-97:~/Playbook$ mkdir Assignment3
ubuntu@ip-172-31-11-97:~/Playbook$ cd Assignment3
ubuntu@ip-172-31-11-97:~/Playbook/Assignment3$ nano assignment3.yaml
ubuntu@ip-172-31-11-97:~/Playbook/Assignment3$
```



- ```

- name: task for assign3 on w1
 hosts: slave1
 become: true
 tasks:
 - name: apache2 install on w1
 apt: name=apache2 update_cache=yes state=latest
- name: task for assign3 on w2
 hosts: slave2
 become: true
 tasks:
 - name: nginx server install on w2
 apt: name=nginx update_cache=yes state=latest
```

Then paste the above YAML file



```
GNU nano 6.2 assignment3.yaml

- name: task for assign3 on s1
 hosts: slave1
 become: true
 tasks:
 - name: apache2 install on s2
 apt: name=apache2 update_cache=yes state=latest
- name: task for assign3 on s2
 hosts: slave2
 become: true
 tasks:
 - name: nginx server install on s2
 apt: name=nginx update_cache=yes state=latest
```

## Run the Playbook using:ansible-playbook <filename.yaml>

```
PLAY [task for assign3 on s1] *****
TASK [Gathering Facts] *****
ok: [172.31.55.6]

TASK [apache2 install on s2] *****
changed: [172.31.55.6]

PLAY [task for assign3 on s2] *****
TASK [Gathering Facts] *****
ok: [172.31.60.154]

TASK [nginx server install on s2] *****
changed: [172.31.60.154]

PLAY RECAP *****
172.31.55.6 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0
172.31.60.154 : ok=2 changed=1 unreachable=0 failed=0 skipped=0 rescued=0 ignored=0

ubuntu@ip-172-31-11-97:~/Playbook/Assignment3$
```

i-Of9336683927673f (Ansible Master)  
PublicIPs: 3.238.108.248 PrivateIPs: 172.31.11.97

Now that playbook is ran successfully, let us check them in worker nodes.  
If we copy paste public ip of the worker instances we can see respective engines running.

### Slave1 Apache2 running



## Slave2 nginx running.

