# Module-6: Ansible Assignment - 1

You have been asked to:

● Setup Ansible cluster with 3 nodes

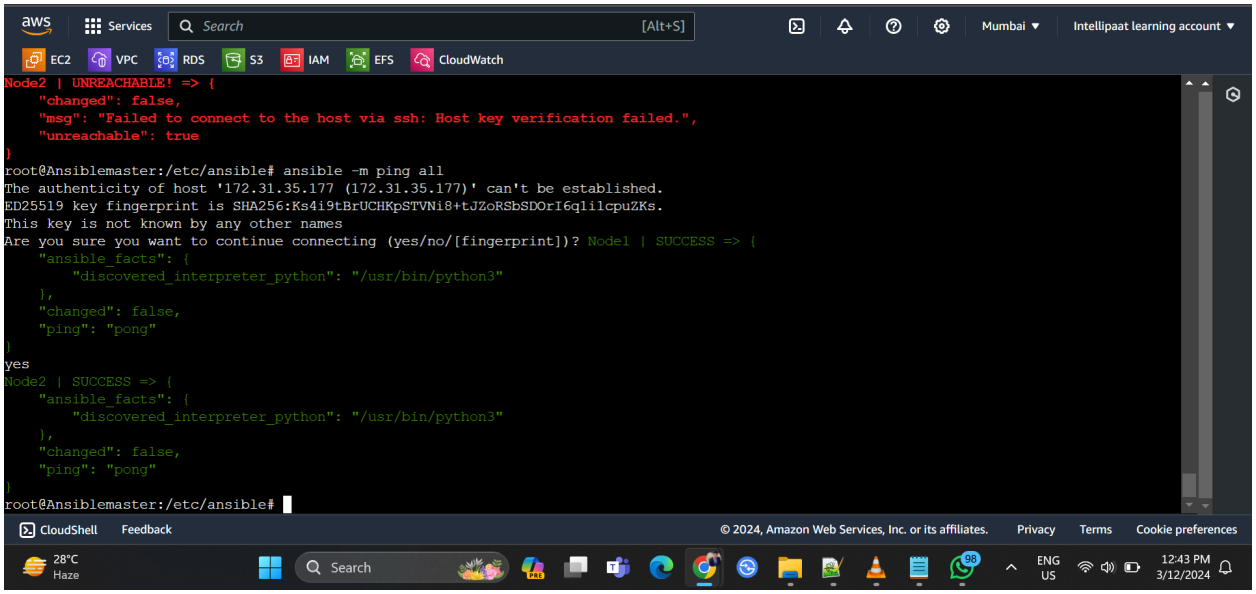
Steps:

We created the 3instance named:
Ansible_master
Ansible_node1
Ansible_Node2

In Ansible_master we installed the ansible and run the below command to create the key to connect with the nodes also
ssh-keygen (to generate the key)
/root/.ssh/id_rsa.pub (path we got of the key copy this key)

Paste this key inside the nodes in the cat /.ssh/authorized_keys
Save the file and update the IP in the Ansible_master in “cat /etc/ansible/hosts”
Node1 ansible_host=172.31.46.189
Node2 ansible_host=172.31.35.177

Save the file and run the below command to check all nodes is connected properly
“ansible -m ping all” 👍




- On slave1 install java

- On slave 2 install mysql-server

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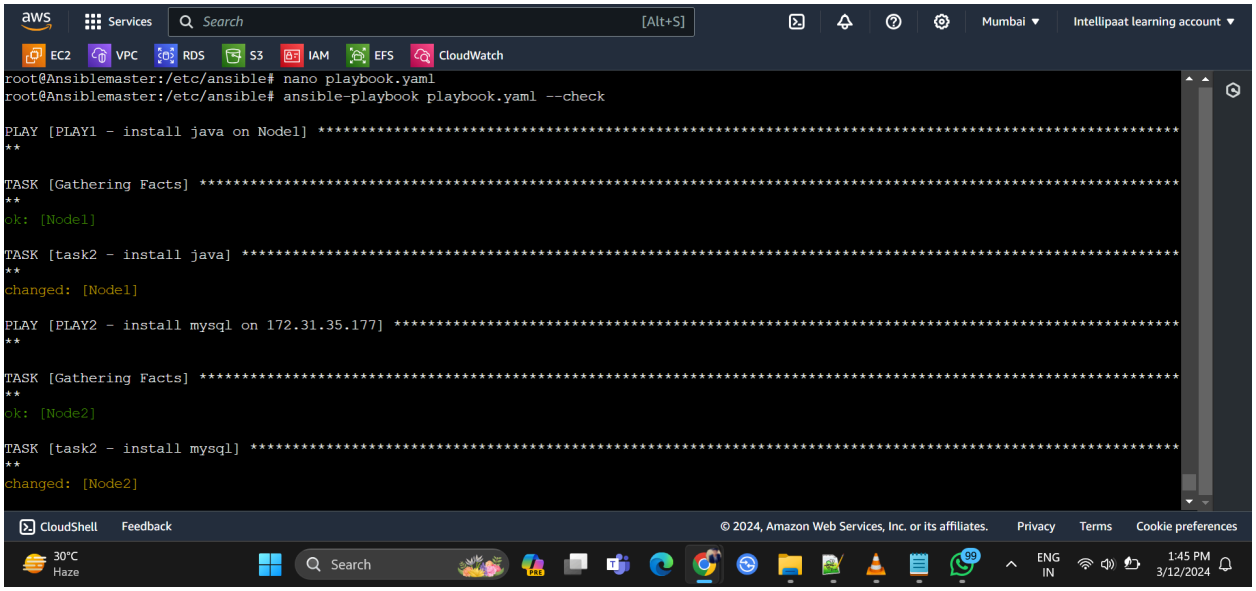
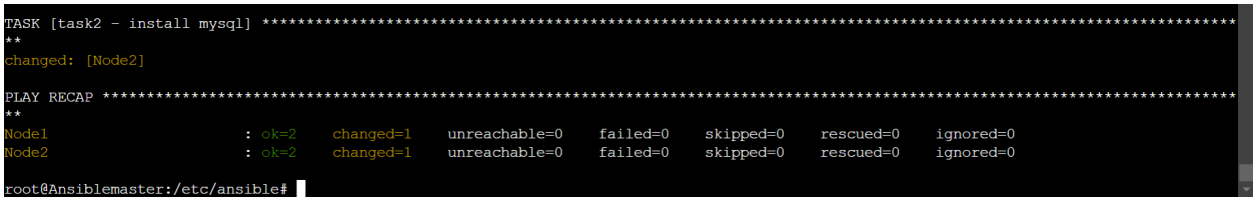
```
- name: PLAY1 - install java on 172.31.46.189
  hosts: Node1
  become: yes
  become_user: root
  tasks:
    - name: task2 - install java
      apt:
        name: openjdk-17-jdk
        state: latest

- name: PLAY2 - install mysql on 172.31.35.177
  hosts: Node2
  become: yes
  become_user: root
  tasks:
    - name: task2 - install mysql
      apt:
        name: mysql-server
        state: latest
```

Run to execute the task with the below command
ansible-playbook playbook.yaml




Do the above tasks using Ansible playbooks