AWS Solutions Architect Certification Training

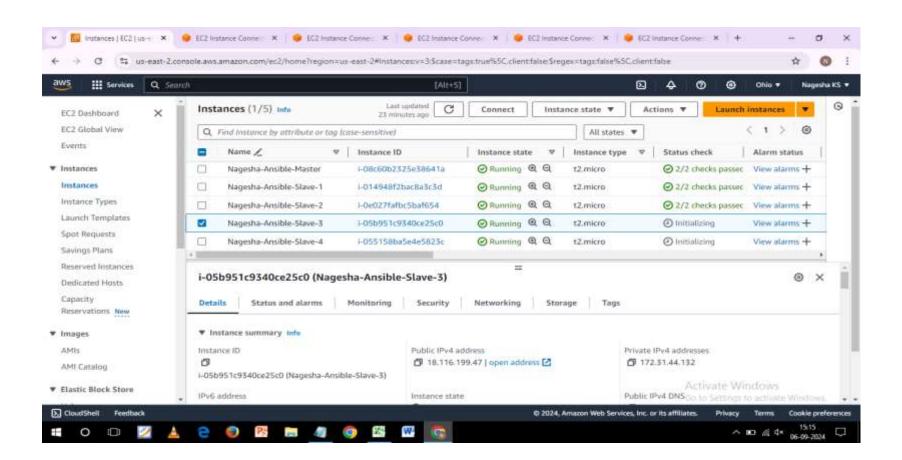
support@intellipaat.com - +91-7022374614 - US: 1-800-216-8930 (Toll Free)

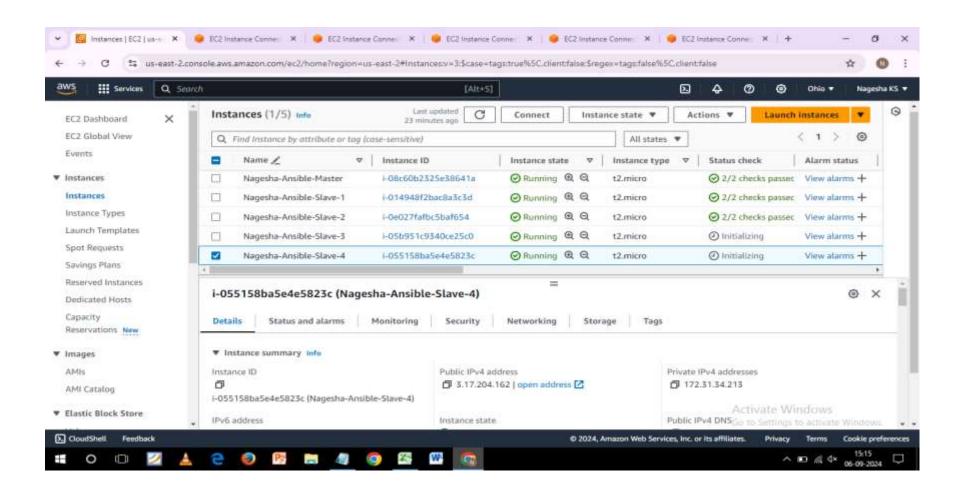
DevOps-Module5-Ansible-Assignment-5 COMPLETED by Nagesha KS Please check the following screenshots for each question.

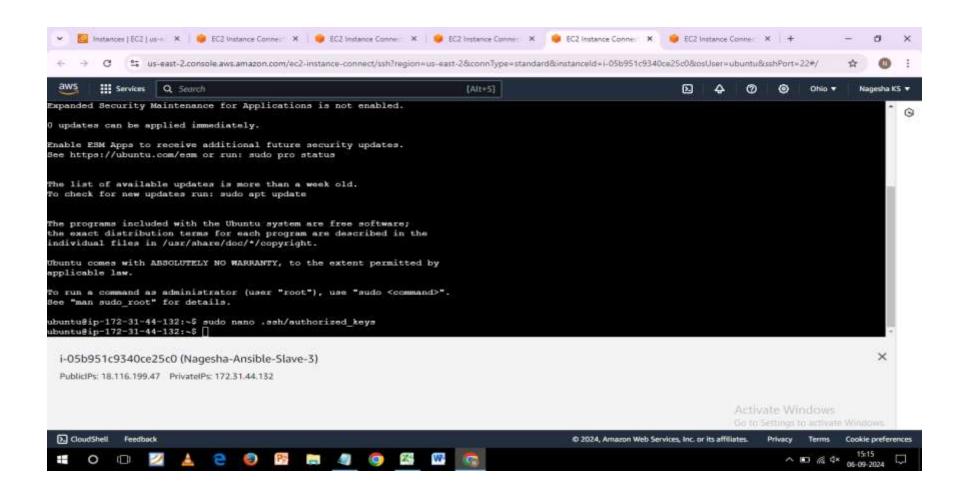
Tasks To Be Performed:

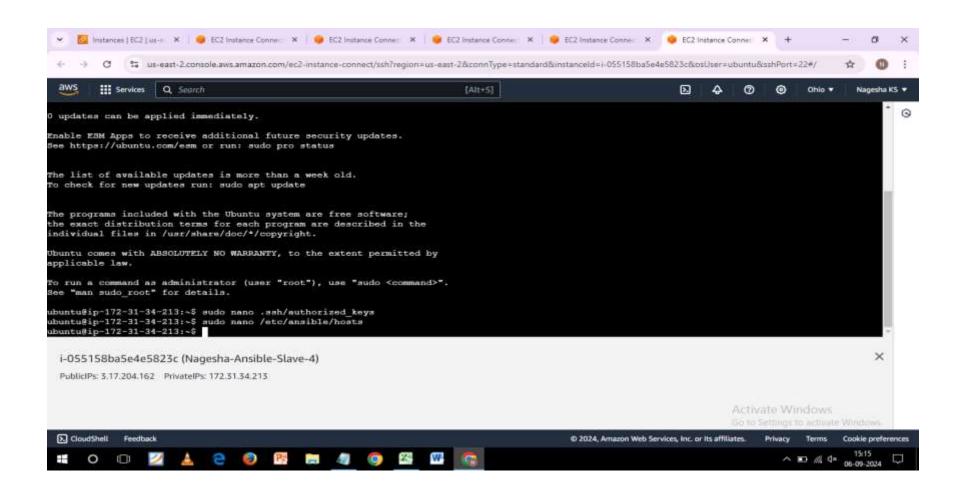
- 1. Create a new deployment of Ansible cluster of 5 nodes
- 2. Label 2 nodes as test and other 2 as prod
- 3. Install Java on test nodes
- 4. Install MySQL server on prod nodes

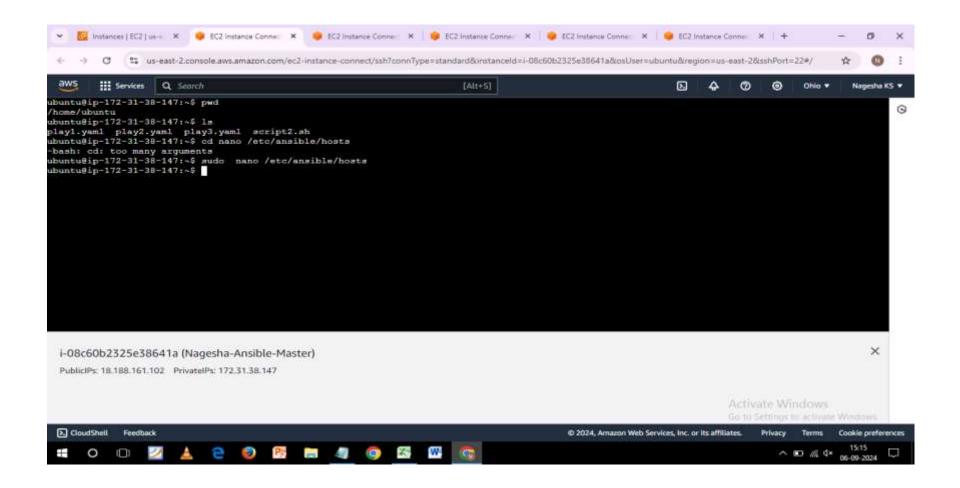
Use Ansible roles for the above and group the hosts under test and prod.



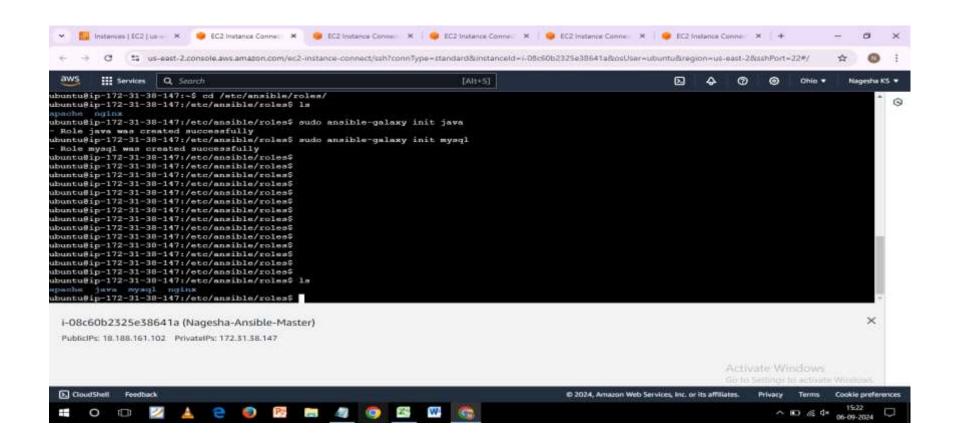


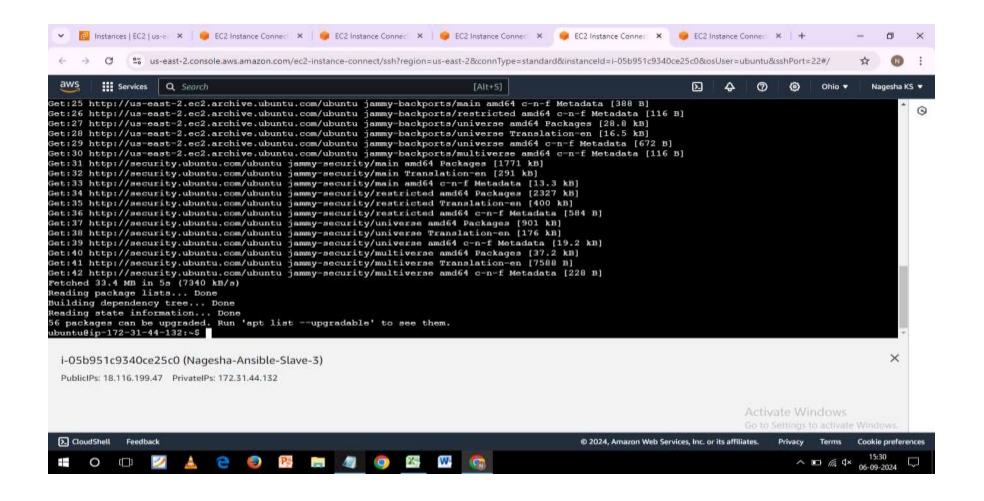


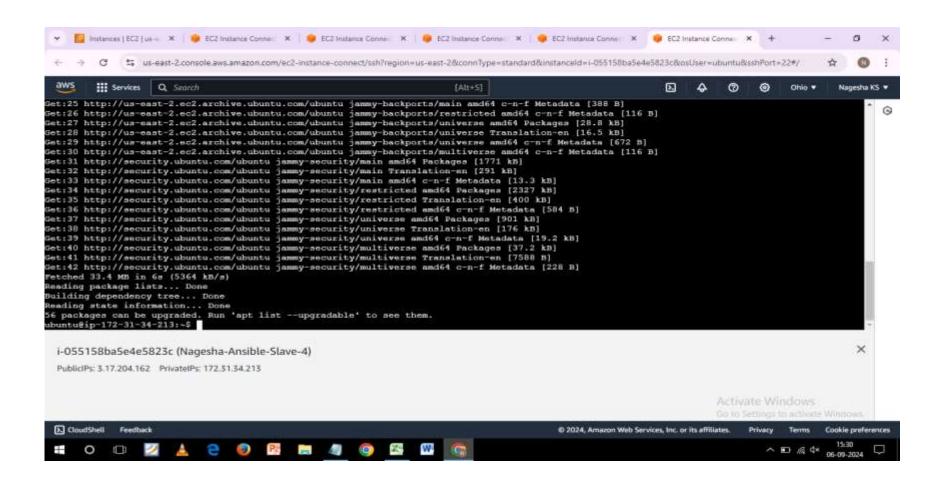


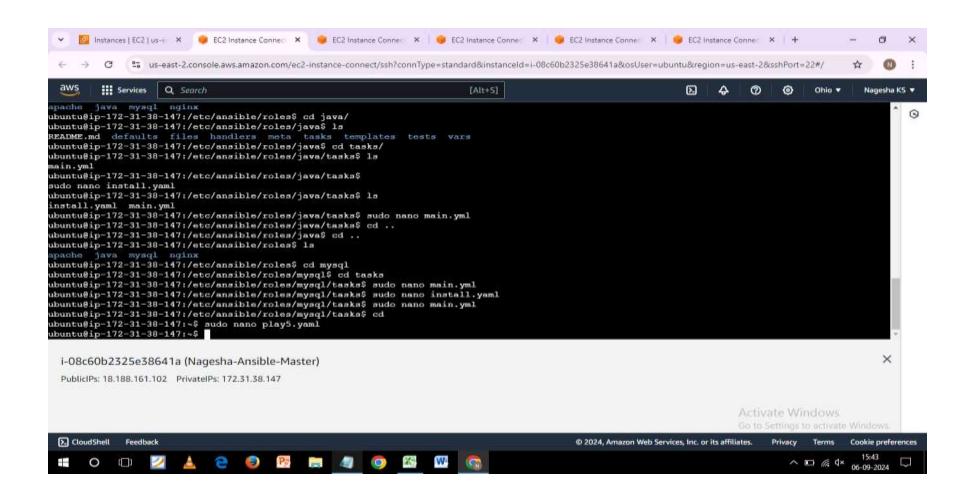












Ansible Commands

goto AWS console create 2 more ec2 insntances Nagesha-Ansible-Slave-3 Nagesha-Ansible-Slave-5

go to Slave-3 sudo nano .ssh/authorized_keys

go to Slave-4 sudo nano .ssh/authorized_keys

goto master ec2 server

sudo nano /etc/ansible/hosts (test) 172.31.40.34 # slave1 private ip

172.31.39.242 # slave3 private ip (prod)

172.31.44.132 # slave2 private ip 172.31.34.213 # slave4 private ip

ansible -m ping all

create roles# test and prod groups# role contains to insntal# role contains to mysql

cd /etc/ansible/roles/ ls sudo ansible-galaxy init java sudo ansible-galaxy init mysql

```
ls
ensure you are in ubuntu@ip-172-31-38-147:/etc/ansible/roles$
cd java/
ls
cd tasks/
ls
sudo nano install.yaml
- name: install java
 apt: name=openjdk-11-jdk state=latest
go to slave3
sudo apt update
goto slave4
sudo apt update
goto master ec2 instance
sudo nano main.yml
=- include_tasks: install.yaml
cd ..
cd ..
ls
cd mysql
cd tasks
ls
sudo nano install.yaml
- name: installing mysql
 apt: name=mysql-server state=latest
```

```
sudo nano main.yml
=- include_tasks: install.yml
cd
sudo nano play5.yaml
=- main: running java role for test group
 hosts: test
 become: true
 roles:
 - java
=- main: running mysql role for prod group
 hosts: prod
 become: true
 roles:
 - mysql
#next is checking the syntax
ansible-playbook play3.yaml --syntax-check
# next is dry run
ansible-playbook play3.yaml --check
# execute this ansible playbook without flags ie., -- check or --sytax-check etc
ansible-playbook play3.yaml
```