**ASSIGNMENT – 5**

**ANSIBLE**

**DONE BY  
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**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.

**STEPS:**

1.Create 5 EC2 instances master-1 , test node-2 , prod node -2

2.Create a ssh connection between maste and the slave nodes using  **ssh-keygen -t rsa**

3.Add the nodes in the hosts in the path **/etc/ansible/hosts**

4.to check the connection use the command  **ansible -m ping all/test/prod**

5.created a playbook in the name java.yaml and mysql.yaml with below configurations

**---**

**- name: installing java on test**

**hosts: test**

**become: yes**

**tasks:**

**- name: java**

**ansible.builtin.apt:**

**name: openjdk-11-jdk**

**state: latest**

**- name: installing MySQL on prod**

**hosts: prod**

**become: yes**

**tasks:**

**- name: mysql**

**ansible.builtin.apt:**

**name: mysql-server**

**state: latest**

6.Run the playbook using the command **ansible-playbook “file name”**

7.Now java and mysql has been installed in the test and prod nodes

















