**ASSIGNMENT – 1**

**ANSIBLE**

**DONE BY  
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**Tasks To Be Performed:**

1. Setup Ansible cluster with 3 nodes

2. On slave 1 install Java

3. On slave 2 install MySQL server

Do the above tasks using Ansible Playbooks

**STEPS:**

1.Create 3 EC2 instances and name master, slave 1, slave 3

2.Login to the instances

3.Install ansible in the master using the commands

**sudo apt update**

**sudo apt install software-properties-common**

**sudo add-apt-repository --yes --update ppa:ansible/ansible**

**sudo apt install ansible**

4.Create a password less connection between the master and the slaves by using the commands

**Ssh-keygen -t rsa**

Copy the public key and paste it the slave 1 & 2

5.Go the host (cd /etc/ansible/hosts) and add the servers to the inventory

6.use the command  **ansible -m ping all**  to check the connection

7.Create playbook using yaml file (java\_mysql.yaml)

**---**

**- name: installing java**

**hosts: webservers**

**become: yes**

**tasks:**

**- name: java**

**ansible.builtin.apt:**

**name: openjdk-11-jdk**

**state: latest**

**- name: installing MySQL**

**hosts: dbservers**

**become: yes**

**tasks:**

**- name: mysql**

**ansible.builtin.apt:**

**name: mysql-server**

**state: latest**

8.To run the playbook use the command **ansible-playbook java-mysql.yaml**

9.Java and mysql has been installed in slave1 & slave2



























