WEEKLY-2

Name: Ankit Tiwari

Ps.No : 10844395

Q1->Configure a sample apache server using configuration management tool Ansible on your managehost

Ans->

Steps:-

1. Create two instance one will be master -node and another will be worker -node

Specifications master-node(ansible-instance):

Redhat

Us-east-1

15g GP2

Specifications worker-node(node-instance):

Aws linux

Us-east-1

8g GP2

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* Installing ansible on instance

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* Editing ansible.cfg file

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* Adding the worker machine on master-node

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* Checking if the worker machine is reachable or not

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* Creating apache.yaml file for configuring

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* executing the playbook

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* installing python on node-machine

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* successfully apache server is hosted and accessible on port: 80

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Q2->Deploy a Ngnix application on your kubernetes cluster. and it should be available across of the cluster on port NO. 80.

Ans->

Steps:-

* create an ec2 instance (cluster-instance)

specifications:

aws-linux

us-east-1a

12 GP2

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* Now connecting the instance with the terminal
* Running the script to create the cluster and nodegroup for nginx hosting

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* Cluster is being created

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* Nodegroup is getting created

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* Creating a deploy.yaml file to run on nginx application

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* Creating and successfully accessing the pods

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* Cluster got created

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* As you can see we have successfully created the pods on port:80

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