CREATE PODS IN KUBERNETES CLUSTER

The Nautilus DevOps team has started practicing some pods and services deployment on Kubernetes platform as they are planning to migrate most of their applications on Kubernetes platform. Recently one of the team members has been assigned a task to create a pod as per details mentioned below:

1. Create a pod named pod-nginx using nginx image with latest tag only and remember to mention the tag i.e nginx:latest.
2. Labels app should be set to nginx\_app, also container should be named as nginx-container.

Note: The kubectl utility on jump\_host has been configured to work with the kubernetes cluster.

SOLUTION

Kubectl get namespace

Kubectl get pods

Vi /tmp/pod.yaml

apiVersion: v1

kind: Pod

metadata:

name: pod-nginx

labels:

app: nginx\_app

spec:

containers:

- name: nginx-container

image: nginx:latest

kubectl create -f /tmp/pod.yaml

kubectl get pods -o wide