REPLICATION CONTROLLER IN KUBERNETES

The Nautilus DevOps team wants to create a ReplicationController to deploy several pods. They are going to deploy applications on these pods, which need some highly available infrastructure. Below you can find exact details, and please create the ReplicationController accordingly.

1. Create a ReplicationController using nginx image, preferably with latest tag, and name it as nginx-replicationcontroller.
2. Labels app should be nginx\_app, and labels type should be front-end. The container should be named as nginx-container and also make sure replica counts are 3.

All pods should be running state.

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

SOULUTION

#vi replicationcontroller.yaml

apiVersion: v1

kind: ReplicationController

metadata:

name: nginx-replicationcontroller

labels:

app: nginx\_app

type: front-end

spec:

replicas: 3

selector:

app: nginx\_app

template:

metadata:

name: nginx\_app

labels:

app: nginx\_app

type: front-end

spec:

containers:

- name: nginx-container

image: nginx:latest

ports:

- containerPort: 80

#kubectl apply -f replicationcontroller.yaml