Deployment of App in IBM Cloud Deploy in Kubernetes Cluster

Date	19 November 2022
Team ID	PNT2022TMID51917
Project Name	Personal expense tracker application

Deploy in Kubernetes Cluster

```
  creationTimestamp: "2021-09-10T16:02:11Z"
  generation: 1
  name: python-deployment-nautilus
  namespace: default
  resourceVersion: "3959"
  uid: 177c6c69-ff69-4af5-8f8b-bdcbd55281f1
spec:
  progressDeadlineSeconds: 600
  replicas: 1
  revisionHistoryLimit: 10
  selector:
    matchLabels:
      app: python_app
  strategy:
    rollingUpdate:
      maxSurge: 25%
      maxUnavailable: 25%
    type: RollingUpdate
  template:
    metadata:
      creationTimestamp: null
      labels:
        app: python_app
    spec:
      containers:
      - image: poroko/flask-demo-app
        imagePullPolicy: Always
        name: python-container-nautilus
        ports:
```

```
# Please edit the object below. Lines beginning with a '#' will be ignored,
# and an empty file will abort the edit. If an error occurs while saving this file wil
# reopened with the relevant failures.
#
apiVersion: apps/v1
kind: Deployment
metadata:
  annotations:
    deployment.kubernetes.io/revision: "1"
    kubectl.kubernetes.io/last-applied-configuration: |
      {"apiVersion":"apps/v1","kind":"Deployment","metadata":{"annotations":{},"name":
eployment-nautilus","namespace":"default"},"spec":{"replicas":1,"selector":{"matchLabe
":"python_app"}},"template":{"metadata":{"labels":{"app":"python_app"}},"spec":{"conta
"image":"poroko/flask-app-demo","name":"python-container-nautilus","ports":[{"containe
00}]}]}}}}
  creationTimestamp: "2021-09-10T16:02:11Z"
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  namespace: default
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  uid: 177c6c69-ff69-4af5-8f8b-bdcbd55281f1
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    matchLabels:
      app: python_app
  strategy:
```

Containers Give feedback

A container packages up code and its dependencies so the application runs quickly and reliably from one computing environment to another. Learn more

◯ Only show running containers

🔍 Search

		NAME	IMAGE	STATUS	PORT(S)	STARTED	ACTIONS	
☐		confident_lamport 2cea4ba9f428	docker/getting-started:latest	Exited (255)	80:80 ☑		▶ ⋮ 🗑	
☐		k8s_POD_kube-scheduler-docker-desktop_kube-system_3744c28618b9eefc6c 4381a8f2078a	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_etcd-docker-desktop_kube-system_c4a48fe4cae9bb9e6d7e0653576(50db49e3bcd6	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_kube-apiserver-docker-desktop_kube-system_8e9132c31407bb3ec5 9b2b2d6f6a5b	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_kube-controller-manager-docker-desktop_kube-system_6c75172049 fe6ca0471490	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_kube-apiserver_kube-apiserver-docker-desktop_kube-system_8e9132c31- 61feb52dd4b3	k8s.gcr.io/kube-apiserver:v1.25.2	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_kube-scheduler_kube-scheduler-docker-desktop_kube-system_3744c2861 f45f0012fb91	k8s.gcr.io/kube-scheduler:v1.25.2	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_etcd_etcd-docker-desktop_kube-system_c4a48fe4cae9bb9e6d7e0653576(f72291a96964	k8s.gcr.io/etcd:3.5.4-0	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_kube-controller-manager_kube-controller-manager-docker-desktop_kube b951b48a327c	k8s.gcr.io/kube-controller-manager:v1.25.2	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_coredns-95db45d46-nw5jg_kube-system_483eed70-667e-4018-98bb- 32c85bce29ac	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_kube-proxy-xq9dl_kube-system_e81096b3-261f-4e06-98e5-6e76dbd8 092c7d0a2ac0	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_coredns-95db45d46-m7dxb_kube-system_a729c659-e72f-4c7a-beef- aee26cffee5b	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_vpnkit-controller_kube-system_582d3506-45da-4dac-9185-bb512632 9d2659ca4b0a	k8s.gcr.io/pause:3.8	Running		5 minutes ago	■ ⋮ 🗑	
☐		k8s_POD_storage-provisioner_kube-system_993877a0-8b3f-4130-8708-980a46						

Showing 20 items

RAM 2.98GB   CPU 1.83%   🔌 Connected to Hub   v4.13.1

Sidebar
- Containers
- Images
- Volumes
- Dev Environments BETA

Extensions BETA ⋮
⊕ Add Extensions