1. Kubectl cluster-info
2. kubectl create ns mynamespace
3. kubectl run httpd --image=httpd -n mynamespace
4. kubectl create deployment kubecont1 --image=nginx:1.23 --replicas=5

kubectl expose deployment kubecont1 --type=NodePort --port=80

kubectl get services kubecont1

kubectl get rs

kubectl get services

kubectl get pods

1. kubectl create deployment kubecont1 --image=nginx:1.23 --replicas=3

kubectl get services

1. kubectl set image deployment/kubecont1 nginx=nginx:1.24

verify the updates: kubectl describe deployment kubecont4

Maintain History: kubectl rollout history deployment/kubecont1

1. kubectl rollout undo deployment/kubecont1
2. kubectl expose deployment kubecont1 --type=NodePort --port=80

Access url: kubectl port-forward service/kubecont4-service 8080:80

Go to browser and search for the localhost port

1. docker pull ubuntu

kubectl run ubuntu-pod --image=ubuntu:latest --command -- /bin/bash -c "echo 'hello world'"

kubectl describe pod ubuntu-pod