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Tasks To Be Performed:

1. Use the previous deployment
2. Change the service type to ClusterIP

Taks: 1 – Updating service deployment.

Command:

kubectl get svc

```
ubuntu@ip-172-31-7-253:~$ kubectl get svc
NAME                      TYPE        CLUSTER-IP      EXTERNAL-IP   PORT(S)        AGE
kubernetes                ClusterIP   10.96.0.1       <none>        443/TCP        6d9h
my-cluster-ip-service     ClusterIP   10.96.0.14      <none>        80/TCP         4d16h
nginx-nodeport-service    NodePort    10.102.128.16   <none>        80:30007/TCP   4d17h
ubuntu@ip-172-31-7-253:~$
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

Now we will change the service type from nodeport to ClusterIP.

kubectl edit svc

```
# 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 will be
# reopened with the relevant failures.
#
apiVersion: v1
items:
- apiVersion: v1
  kind: Service
  metadata:
    creationTimestamp: "2024-04-22T09:50:06Z"
    labels:
      component: apiserver
      provider: kubernetes
    name: kubernetes
    namespace: default
    resourceVersion: "232"
    uid: 1a4945a8-665a-4e1d-a29c-430250e55eff
  spec:
    clusterIP: 10.96.0.1
    clusterIPs:
-- INSERT --
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

```
    app: nginx
    sessionAffinity: None
    type: ClusterIP
  status:
    loadBalancer: {}
kind: List
metadata: {}
-- INSERT --
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

Now in below snip we could see that the service type has been changed from nodeport to ClusterIP.

```
ubuntu@ip-172-31-7-253:~$ kubectl get svc
NAME                     TYPE        CLUSTER-IP      EXTERNAL-IP   PORT(S)   AGE
kubernetes               ClusterIP   10.96.0.1       <none>        443/TCP   6d9h
my-cluster-ip-service    ClusterIP   10.96.0.14      <none>        80/TCP    4d16h
nginx-nodeport-service   ClusterIP   10.102.128.16   <none>        80/TCP    4d17h
ubuntu@ip-172-31-7-253:~$
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

*********** THE END ***********