Module 7: Kubernetes Assignment -4

Tasks To Be Performed:

1. Use the previous deployment

2. Change the service type to ClusterIP

SOLUTION:

```
metadata:
  annotations:
    kubectl.kubernetes.io/last-applied-configuration: |
      {"apiVersion":"v1","kind":"Service","metadata":{"annotations":{},"name":"nginx-service","namespace":"de
lector":{"app":"nginx"},"type":"NodePort"}}
  creationTimestamp: "2024-06-16T21:04:30Z"
  name: nginx-service
  namespace: default
  resourceVersion: "4172"
  uid: 743162f5-9fcf-4d41-a228-fe6c57deb996
spec:
  clusterIP: 10.105.225.162
  clusterIPs:
  - 10.105.225.162
  externalTrafficPolicy: Cluster
  internalTrafficPolicy: Cluster
  ipFamilies:
  - IPv4
  ipFamilyPolicy: SingleStack
  ports:
  - nodePort: 31083
    port: 80
    protocol: TCP
    targetPort: 80
  selector:
    app: nginx
  sessionAffinity: None
  type: ClusterIP
status:
  loadBalancer: {}
-- INSERT --
```

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PublicIPs: 54.241.63.85   PrivateIPs: 172.31.4.255

```
selector:
  app: nginx
sessionAffinity: None
type: ClusterIP
```

```
ubuntu@ip-172-31-4-255:~$ kubectl edit service nginx-service
service/nginx-service edited
ubuntu@ip-172-31-4-255:~$
```

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PublicIPs: 54.241.63.85   PrivateIPs: 172.31.4.255

```
ubuntu@ip-172-31-4-255:~$ kubectl get service nginx-service
NAME            TYPE         CLUSTER-IP       EXTERNAL-IP   PORT(S)   AGE
nginx-service   ClusterIP    10.105.225.162   <none>        80/TCP    15m
ubuntu@ip-172-31-4-255:~$
```

i-0868263520b95d509 (K8S-M)

PublicIPs: 54.241.63.85   PrivateIPs: 172.31.4.255