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Tasks **Page No**

You have been asked to:

- Use the previous deployment
- Change the replicas to 5 for the deployment

Taks: 1 – Updating deployment.

Command:

kubectl get deploy

```
ubuntu@ip-172-31-7-253:~$ kubectl get deploy
NAME                READY   UP-TO-DATE   AVAILABLE   AGE
nginx-deployment    0/3     3            0           6d8h
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

kubectl edit deploy

```
# 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: apps/v1
kind: Deployment
metadata:
  annotations:
    deployment.kubernetes.io/revision: "1"
    kubectl.kubernetes.io/last-applied-configuration: |
      {"apiVersion":"apps/v1","kind":"Deployment","metadata":{"annotations":{},"labels":{"app":"nginx"},"name":"nginx-deployment","namespace":"default"},"spec":{"replicas":3,"selector":{"matchLabels":{"app":"nginx"}},"template":{"metadata":{"labels":{"app":"nginx"}},"spec":{"containers":[{"image":"nginx:1.14.2","name":"nginx","ports":[{"containerPort":80}]}]}}}}
  creationTimestamp: "2024-04-22T10:07:02Z"
  generation: 3
  labels:
    app: nginx
  name: nginx-deployment
  namespace: default
  resourceVersion: "81491"
-- INSERT --                                                          1,1          Top
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

```
    creationTimestamp: "2024-04-22T10:07:02Z"
    generation: 3
    labels:
      app: nginx
    name: nginx-deployment
    namespace: default
    resourceVersion: "81491"
    uid: 864d34cd-e8ca-4c20-bbde-5d3606205591
spec:
    progressDeadlineSeconds: 600
    replicas: 5
    revisionHistoryLimit: 10
    selector:
      matchLabels:
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

```
ubuntu@ip-172-31-7-253:~$ kubectl edit deploy
deployment.apps/nginx-deployment edited
ubuntu@ip-172-31-7-253:~$ []
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

```
ubuntu@ip-172-31-7-253:~$ kubectl get deploy
NAME                 READY    UP-TO-DATE    AVAILABLE    AGE
nginx-deployment     5/5      5             5            6d8h
ubuntu@ip-172-31-7-253:~$ []
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

kubectl get pods

```
ubuntu@ip-172-31-7-253:~$ kubectl get pods
NAME                                READY    STATUS     RESTARTS    AGE
nginx-deployment-86dcfdf4c6-2fkz2   1/1      Running    0           2m12s
nginx-deployment-86dcfdf4c6-gdztb   1/1      Running    0           14m
nginx-deployment-86dcfdf4c6-gjn45   1/1      Running    0           2m12s
nginx-deployment-86dcfdf4c6-gl42w   1/1      Running    0           14m
nginx-deployment-86dcfdf4c6-v7sxg   1/1      Running    0           14m
ubuntu@ip-172-31-7-253:~$ []
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

kubectl get pods -o wide

```
ubuntu@ip-172-31-7-253:~$ kubectl get pods -o wide
NAME                                READY   STATUS    RESTARTS   AGE     IP               NODE              NOMINATED NODE   READINESS
 GATES
nginx-deployment-86dcfdf4c6-2fkz2   1/1     Running   0          5m26s   192.168.58.72    ip-172-31-4-178   <none>           <none>
nginx-deployment-86dcfdf4c6-gdztb   1/1     Running   0          18m     192.168.136.135  ip-172-31-3-134   <none>           <none>
nginx-deployment-86dcfdf4c6-gjn45   1/1     Running   0          5m26s   192.168.58.71    ip-172-31-4-178   <none>           <none>
nginx-deployment-86dcfdf4c6-gl42w   1/1     Running   0          18m     192.168.136.134  ip-172-31-3-134   <none>           <none>
nginx-deployment-86dcfdf4c6-v7sxg   1/1     Running   0          18m     192.168.136.136  ip-172-31-3-134   <none>           <none>
ubuntu@ip-172-31-7-253:~$
```

i-0988b4b9aacdb96d3 (Master)

PublicIPs: 13.232.253.148   PrivateIPs: 172.31.7.253

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