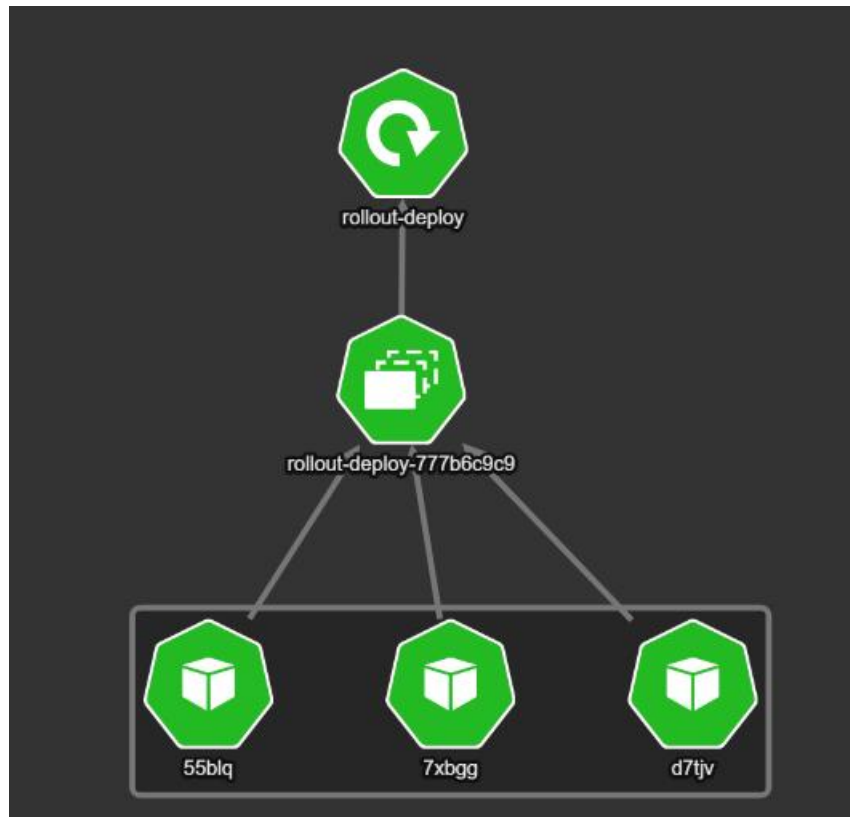


Rollout deployment



```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: rollout-deploy
spec:
  replicas: 3
  selector:
    matchLabels:
      rollout: deploy
  template:
    metadata:
      name: ngx
      labels:
        rollout: deploy
    spec:
      containers:
        - name: nginx-rollout
          image: nginx
          ports:
            - containerPort: 80
```

```
adham@master:/adhamk8s$ vim rollout-deploy.yml
adham@master:/adhamk8s$
adham@master:/adhamk8s$ kubectl apply -f rollout-deploy.yml
deployment.apps/rollout-deploy unchanged
```

```
adham@master:/adhamk8s$ kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
auto-deploy-6bcd5d77b-679zk        1/1     Running   1 (16m ago) 16h
auto-deploy-6bcd5d77b-mbq4g        1/1     Running   1 (16m ago) 16h
auto-deploy-6bcd5d77b-nn59k        1/1     Running   1 (16m ago) 16h
auto-deploy-6bcd5d77b-prfcf        1/1     Running   1 (16m ago) 16h
deploy-web-6498fd9b8c-78vrn        1/1     Running   1 (16m ago) 18h
deploy-web-6498fd9b8c-wgkf7        1/1     Running   1 (16m ago) 18h
deploy-web-6498fd9b8c-zk9df        1/1     Running   1 (16m ago) 18h
kubeview-78dd597bd8-rskv8         1/1     Running   2 (16m ago) 41h
nginx-pod                          1/1     Running   2 (16m ago) 43h
rollout-deploy-777b6c9c9c-55blq    1/1     Running   0           7m15s
rollout-deploy-777b6c9c9c-7xbgg    1/1     Running   0           7m15s
rollout-deploy-777b6c9c9c-d7tjv    1/1     Running   0           7m15s
stat-website                       1/1     Running   2 (16m ago) 43h
adham@master:/adhamk8s$
```

```
adham@node1:~$ kubectl get pod
NAME                                READY   STATUS    RESTARTS   AGE
auto-deploy-6bcd5d77b-679zk        1/1     Running   1 (25m ago) 16h
auto-deploy-6bcd5d77b-mbq4g        1/1     Running   1 (25m ago) 16h
auto-deploy-6bcd5d77b-nn59k        1/1     Running   1 (25m ago) 16h
auto-deploy-6bcd5d77b-prfcf        1/1     Running   1 (25m ago) 16h
deploy-web-6498fd9b8c-78vrn        1/1     Running   1 (25m ago) 18h
deploy-web-6498fd9b8c-wgkf7        1/1     Running   1 (25m ago) 18h
deploy-web-6498fd9b8c-zk9df        1/1     Running   1 (25m ago) 18h
kubeview-78dd597bd8-rskv8         1/1     Running   2 (25m ago) 41h
nginx-pod                          1/1     Running   2 (25m ago) 44h
rollout-deploy-777b6c9c9c-55blq    1/1     Running   0           15m
rollout-deploy-777b6c9c9c-7xbgg    1/1     Running   0           15m
rollout-deploy-777b6c9c9c-d7tjv    1/1     Running   0           15m
stat-website                       1/1     Running   2 (25m ago) 43h
adham@node1:~$
```

rollout-deploy-777b6c9c9c-d7tjv

Pod

• Created: 12/19/2024, 2:17:06 PM

Labels

- **pod-template-hash:** 777b6c9c9c
- **rollout:** deploy

Status

- **phase:** Running
- **hostIP:** 192.168.1.10
- **podIP:** 10.244.1.10
- **podIPs:** [{ "ip": "10.244.1.10" }]
- **startTime:** 2024-12-19T14:18:48Z
- **ready:** True

Containers

- **name:** nginx-rollout
- **image:** nginx
- **port:** 80 (TCP)

```
adham@master:/adhamk8s$ kubectl set image deployment rollout-deploy nginx-rollout=nginx:1.19
deployment.apps/rollout-deploy image updated
adham@master:/adhamk8s$
```

```
^Cadham@master:/adhamk8s$ kubectl rollout status deployment rollout-deploy
Waiting for deployment "rollout-deploy" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "rollout-deploy" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "rollout-deploy" rollout to finish: 1 out of 3 new replicas have been updated...
Waiting for deployment "rollout-deploy" rollout to finish: 2 out of 3 new replicas have been updated...
Waiting for deployment "rollout-deploy" rollout to finish: 2 out of 3 new replicas have been updated...
Waiting for deployment "rollout-deploy" rollout to finish: 1 old replicas are pending termination...
Waiting for deployment "rollout-deploy" rollout to finish: 1 old replicas are pending termination...
deployment "rollout-deploy" successfully rolled out
```

