

[7] Rolling Update & Rollback

□ Rolling Update

- Create a deployment as follows:
 - □□ □□□: k8s
 - TASK:
 - name: nginx-app
 - Using container nginx with version 1.11.10-alpine
 - The deployment should contain 3 replicas
- Next, deploy the application with new version 1.11.13-alpine, by performing a rolling update
- Finally, rollback that update to the previous version 1.11.10-alpine

Reference

docs□□ Deployment□□ Updating a Deployment □□ □□

[Deployments](#)



```
# □□□□ □□  
[user@console ~]$ kubectl config use-context k8s  
  
# □□□ □□ deployment □□  
# dry-run □□ □□  
[user@console ~]$ kubectl create deployment nginx-app --image=nginx:1.11.10-alpine --replicas=3  
  
# □□□□ deployment □□  
[user@console ~]$ kubectl get deployment nginx-app
```

```
NAME          READY
```

```
nginx-app     3/3
```

```
# nginx-app pod
```

```
[user@console ~]$ kubectl get pods |grep nginx-app
```

```
# POD container
```

```
[user@console ~]$ kubectl describe pod {pod }
```

```
container nginx:1.11.10-alpine
```

```
# docs update
```

```
# nginx container
```

```
# --record image update
```

```
[user@console ~]$ kubectl set image deployment/nginx-app nginx=nginx:1.11.13-alpine --record
```

```
# update status
```

```
[user@console ~]$ kubectl rollout status deployment/nginx-app
```

```
# update pod
```

```
[user@console ~]$ kubectl get pods |grep nginx-app
```

```
# pod pod
```

```
# pod
```

```
[user@console ~]$ kubectl describe pod {pod }
```

```
# rollback
```

```
# pod
```

```
[user@console ~]$ kubectl rollout undo deployment/nginx-app
```

```
# rollback pod
```

```
[user@console ~]$ kubectl get pods | grep nginx-app
```

```
[user@console ~]$ kubectl describe pod {pod }
```

Update pod

update pod Replicaset Replicaset pod pod pod.

pod pod pod pod pod.

pod pod get pods pod replicaset pod pod.

Revision #1

Created 31 May 2023 00:01:31 by []

Updated 20 June 2023 13:20:12 by []