

# Managing Rolling Updates With Deployments

## Relevant Documentation

- [Updating a Deployment](#)
- [Rolling Back a Deployment](#)

## Lesson Reference

Log in to your Control Plane server.

Edit the deployment spec, changing the image version to `1.19.2`.

```
kubectl edit deployment my-deployment
```

```
...  
  
spec:  
  containers:  
  - name: nginx  
    image: nginx:1.19.2  
  
...
```

Check the rollout status, deployment status, and pods.

```
kubectl rollout status deployment.v1.apps/my-deployment  
  
kubectl get deployment my-deployment  
  
kubectl get pods
```

Perform another rollout, this time using the `kubectl set image` method. Intentionally use a bad image version.

```
kubectl set image deployment/my-deployment nginx=nginx:broken --record
```

Check the rollout status again. You will see the rollout unable to succeed due to a failed image pull.

```
kubectl rollout status deployment.v1.apps/my-deployment  
  
kubectl get pods
```

Check the rollout history.

```
kubectl rollout history deployment.v1.apps/my-deployment
```

Roll back to an earlier working version with one of the following methods.

```
kubectl rollout undo deployment.v1.apps/my-deployment
```

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Or:

```
kubectl rollout undo deployment.v1.apps/my-deployment --to-revision=<last working revision>
```