

kubectl Basics

Relevant Documentation

- [Overview of kubectl](#)
- [kubectl Cheat Sheet](#)

Lesson Reference

Get a list of services.

```
kubectl get service
```

Create a YAML definition for a Service.

```
vi my-service.yml
```

```
apiVersion: v1
kind: Service
metadata:
  name: my-service
spec:
  selector:
    app: my-app
  ports:
    - protocol: TCP
      port: 80
      targetPort: 80
```

Create the Service.

```
kubectl create -f my-service.yml --save-config
```

Get the list of Services again.

```
kubectl get service
```

Get a specific Service.

```
kubectl get service my-service
```

Get more information about the Service.

```
kubectl describe service my-service
```

Edit the Service YAML definition.

```
vi my-service.yml
```

```
...
```

```
targetPort: 8080
```

Edit the Service.

```
kubectl apply -f my-service.yml
```

Delete the Service.

```
kubectl delete service my-service
```