

K8s Deployments Overview

Relevant Documentation

- [Deployments](#)

Lesson Reference

Log in to your Control Plane server.

Create a deployment specification file.

```
vi my-deployment.yml
```

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: my-deployment
spec:
  replicas: 3
  selector:
    matchLabels:
      app: my-deployment
  template:
    metadata:
      labels:
        app: my-deployment
    spec:
      containers:
        - name: nginx
          image: nginx:1.19.1
          ports:
            - containerPort: 80
```

Create the deployment.

```
kubectl create -f my-deployment.yml
```

Check the deployment status.

```
kubectl get deployments
```

Examine pods created by the deployment.

```
kubectl get pods
```