

# Managing Containers with Pods

## Relevant Documentation

- [Pods](#)

## Lesson Reference

Create a YAML definition for a Pod with an Nginx container.

```
vi nginx-pod.yml
```

```
apiVersion: v1
kind: Pod
metadata:
  name: nginx
spec:
  containers:
  - name: nginx
    image: nginx
    ports:
    - containerPort: 80
```

Create the Pod.

```
kubectl create -f nginx-pod.yml
```

Check your Pod's status. Take note of the Pod's IP address.

```
kubectl get pods -o wide
```

Verify that you can communicate with the Nginx container. Replace `$NGINX_POD_IP` with the actual IP address.

```
curl $NGINX_POD_IP
```

Check the Nginx container's logs.

```
kubectl logs nginx
```