

In the above configuration, we have defined a multi-container pod with two images of Tomcat and MongoDB inside it.

Pods and Services

Pods

Pod can be defined as a collection of container and its storage inside a node of OpenShift (Kubernetes) cluster. In general, we have two types of pod starting from a single container pod to multi-container pod.

Single Container Pod: These can be easily created with OC command or by a basic configuration yml file.

```
$ oc run <name of pod> --image=<name of the image from registry>
```

Create it with a simple yml file as follows.

```
apiVersion: v1
kind: Pod
metadata:
  name: apache
spec:
  containers:
    - name: apache
      image: apache: 8.0
      ports:
        - containerPort: 7500
  imagePullPolicy: Always
```

Once the above file is created, it will generate a pod with the following command.

```
$ oc create -f apache.yml
```