



Chapter 8

Deploy your First Application on Kubernetes



Your Deployment.yml

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: nginx-deployment
  labels:
    app: nginx
spec:
  replicas: 3
  selector:
    matchLabels:
      app: nginx
  template:
    metadata:
      labels:
        app: nginx
    spec:
      containers:
        - name: nginx
          image: nginx:1.14.2
          ports:
            - containerPort: 80
```

Download Example File



nginx-deploy.yaml

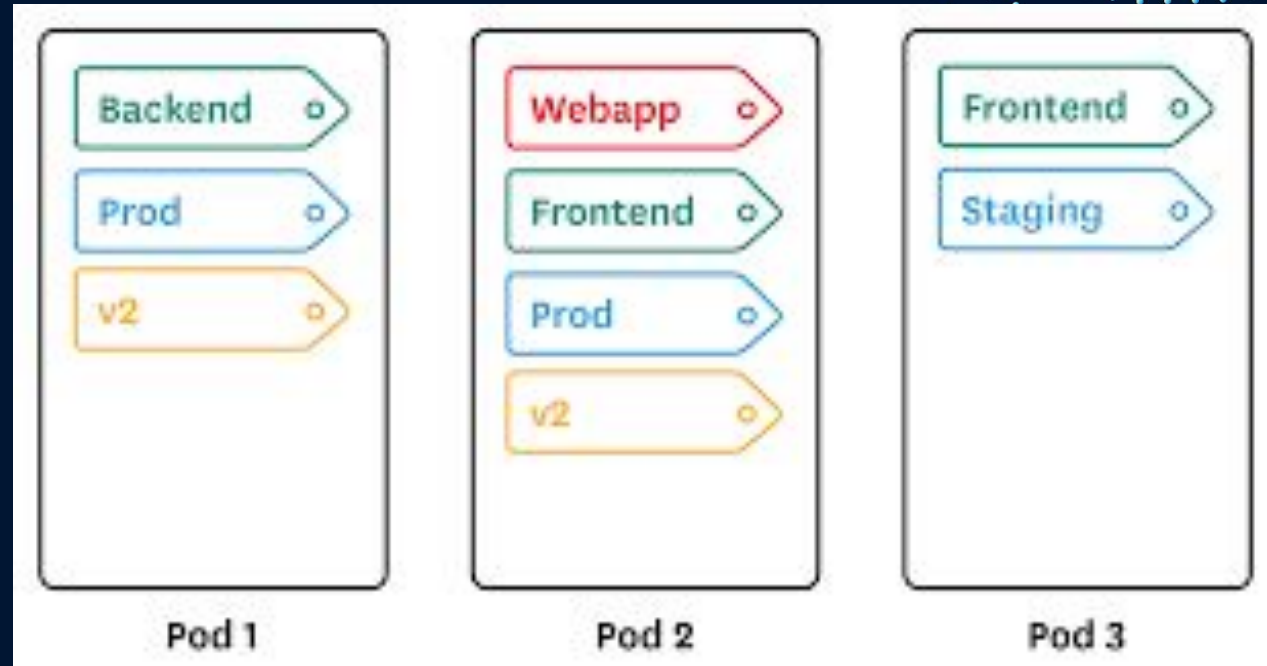


Kind and Api Version

Kind	Api Version
Pod	v1
Replicaset	apps/v1
Deployment	apps/v1
Configmap	v1
Service	v1
Ingress	networking.k8s.io/v1

metadata

- name
- labels



spec

- replicas
- selector (Match Label)
- template (Container Spec)
- image
- container port