



How to expose the app?

Let's delete all resources and restart a **deployment** for **nginx** with 3 replicas

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



- Apply the configuration

```
kubectl apply -f deployment.yml
```



- Get all pods

```
kubectl get pods -owide
```



NAME	READY	STATUS	RESTARTS	AGE	IP	NODE	N
nginx-deployment-576c6b7b6-7jrn5	1/1	Running	0	2m19s	10.244.2.19		
nginx-deployment-576c6b7b6-88fkh	1/1	Running	0	2m22s	10.244.1.13		
nginx-deployment-576c6b7b6-zf8ff	1/1	Running	0	2m25s	10.244.2.18		



- The IPs that you see are **private IPs** . You wont be able to access the app



Kubernetes Part 1 17 of 20

