Creating Rolling Updates

Create a yaml file

vim deployment.yaml

apiVersion: apps/v1

kind: Deployment

metadata:

  name: nginx-deploy

spec:

  replicas: 3

  selector:

    matchLabels:

      app: nginx

  template:

    metadata:

      labels:

        app: nginx

    spec:

      containers:

     - name: nginx

       image: nginx:1.9.1

       ports:

       - containerPort: 80

Create a deployment:

kubectl apply -f deployment.yaml

kubectl get deployment

kubectl get pods

kubectl get rs

Create a rolling update to a higher version:

Modify the exiting deployment file with image version to nginx:stable

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

Create a deployment:

```
kubectl apply -f deployment.yaml
kubectl get deployment
kubectl get pods
kubectl get rs -w
```