Kubernetes ReplicaSets
By Shiva

ReplicaSet

A ReplicaSet's purpose is to maintain a set of replica pods running at any given time. It always maintains the desired number of pods that we mentioned in manifest file during apply.

Example manifest file

```yaml
apiVersion: apps/v1

kind: ReplicaSet

metadata:

 name: myapp

 labels:

   type: webapp

spec:

 template:

   metadata:

     name: myapp-pod

     labels:

       type: webapp

   spec:

     containers:

       - name: mywebapp

         image: nginx
```

```yaml
replicas: 3

selector:

  matchLabels:

    type: webapp
```