**Kubectl get all**

Replica Controller is the old and Replica Set is the new recommended one.

**ReplicationController**

kubectl create -f SampleReplicaController.yaml

kubectl get pods

kubectl get replicationcontroller

Kubectl describe replicationcontroller “nameof ReplicationController provided in the yaml file’

**ReplicaSet**

kubectl apply -f SampleReplicaSet.yaml

kubectl get replicaset

kubectl delete replicaset “nameoftheReplicaSet” 🡪 deletes all the PODs within the Replicaset

kubectl get pods

kubectl delete pod “one of the pod name” 🡪this will delete that pod but again a new pod will launched

Kubectl describe replicaset “nameof ReplicationSet provided in the yaml file’

kubectl replace -f ReplicaSet.yaml 🡪 update the replica No’s for an existing replicaset

kubectl scale –replicas=6 -f ReplicaSet.yaml 🡪 update the replica No’s for an existing replicaset without modifying the YAML file

kubectl scale –replicas=6 replicaset replicasetnamedefinedintheYMLfile 🡪 update the replica No’s for an existing replicaset without modifying the YAML file

kubectl edit replicaset “nameoftheReplicaSet”🡪 update the configuration of running replicaset like no of replicas etc. (However changing of the replicaset name itself wont work)

**Deployment**

Kubectl create -f SampleDeployments.yaml

kubectl get deployment

kubectl get pods

kubectl get replicaset

kubectl delete deployment “nameoftheDeployment” 🡪 deletes all the Replicasets, PODs within the Replicaset

kubectl describe deployment “nameoftheDeployment provided in the yaml file’

Kubectl describe replicaset “nameof ReplicationSet provided in the yaml file’

Kubectl describe pods “nameof Pod provided in the yaml file’