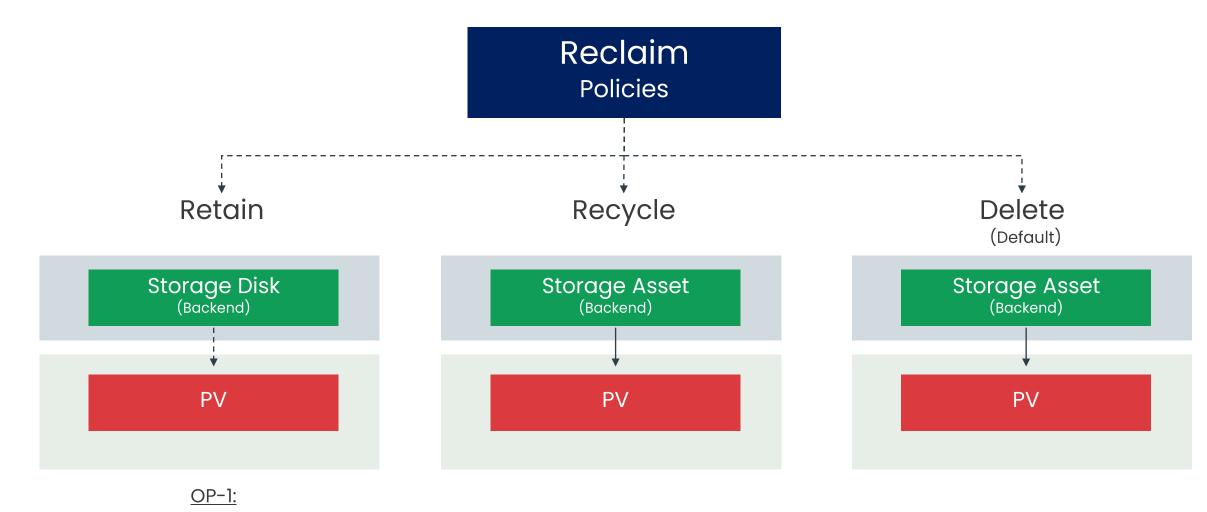




Reclaim Policies



Life Cycle of Volume & Claim Storage Disk (Backend) 1. Provisioning -→ 4. Reclaiming PV 2. Binding PVC 3. Using 🔸 POD



Manually Delete PV, Then Delete Storage Disk

OP-2
Manually Delete PV,
Then Create PV using this Disk

Does "rm-rf" on PV and makes it available again

DEPRECATED

Automatically Deletes the PV & Storage Disk

Default option for

Dynamic Provisioning 3

Reclaim Policies in **PV & Storage Class**

Static Provisioning Persistent Volume

```
apiVersion: v1
kind: PersistentVolume
metadata:
  name: mongodb-pv
spec:
  capacity:
    storage: 1Gi
  accessModes:
  - ReadWriteOnce
  persistentVolumeReclaimPolicy: Delete
  gcePersistentDisk:
    pdName: mongodb
    fsType: ext4
```

Dynamic Provisioning Storage Class

```
apiVersion: storage.k8s.io/v1
kind: StorageClass
metadata:
  name: faster
provisioner: kubernetes.io/gce-pd
parameters:
 type: pd-ssd
reclaimPolicy: Retain
```