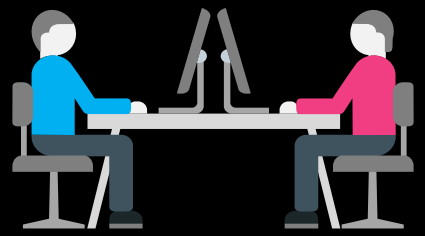
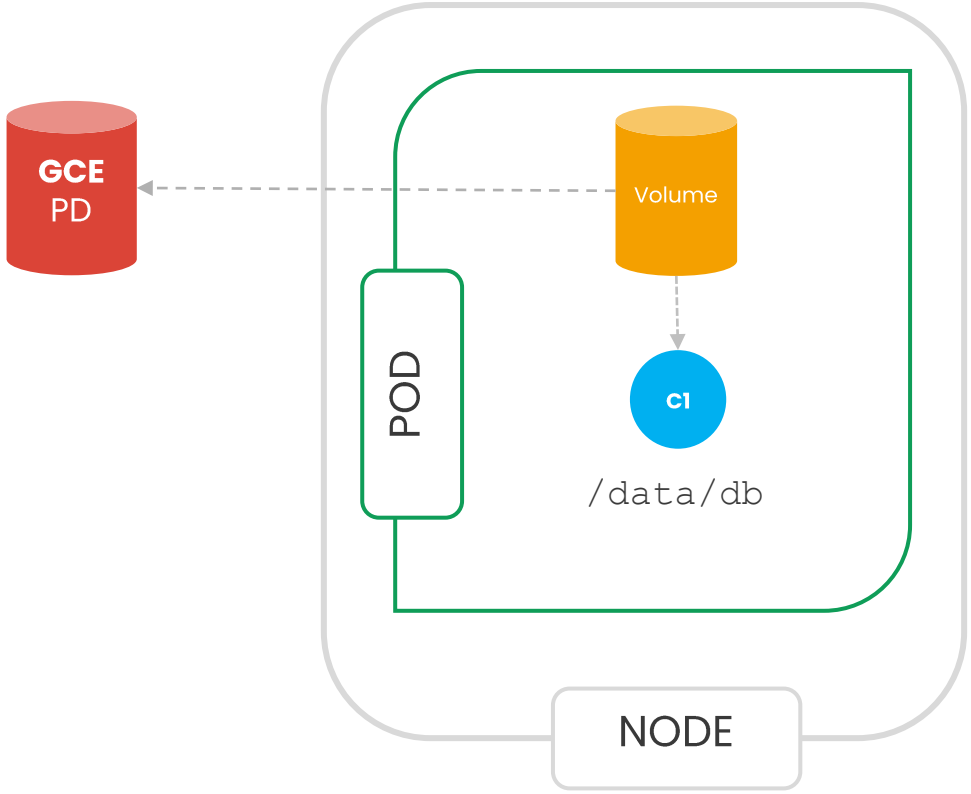
PV & PVC

Persistent **V**olume

Persistent **V**olume **C**laim



WHY PV & PVCs?



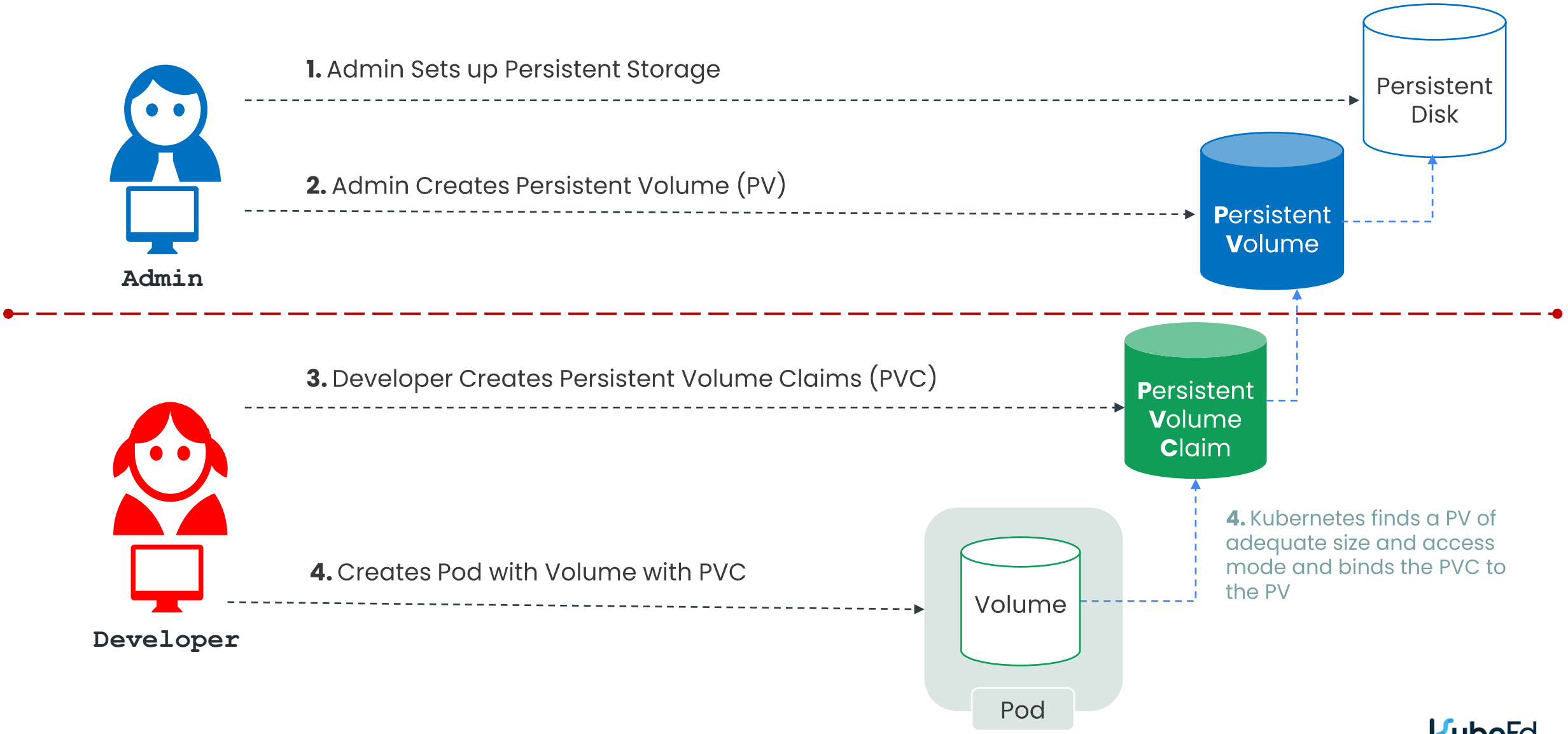
1

```
gcloud compute disks create --size=10GB --zone=us-central1-a my-data-disk
```

2

```
apiVersion: v1
kind: Pod
metadata:
  name: gce-pd
spec:
  containers:
  - image: mongo
    name: mongodb
    volumeMounts:
    - name: mongodb-data
      mountPath: /data/db
  volumes:
  - name: mongodb-data
    gcePersistentDisk:
      pdName: my-data-disk
      fsType: ext4
```

PERSISTENT VOLUME **(PV)** & PERSISTENT VOLUME CLAIM **(PVC)**



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