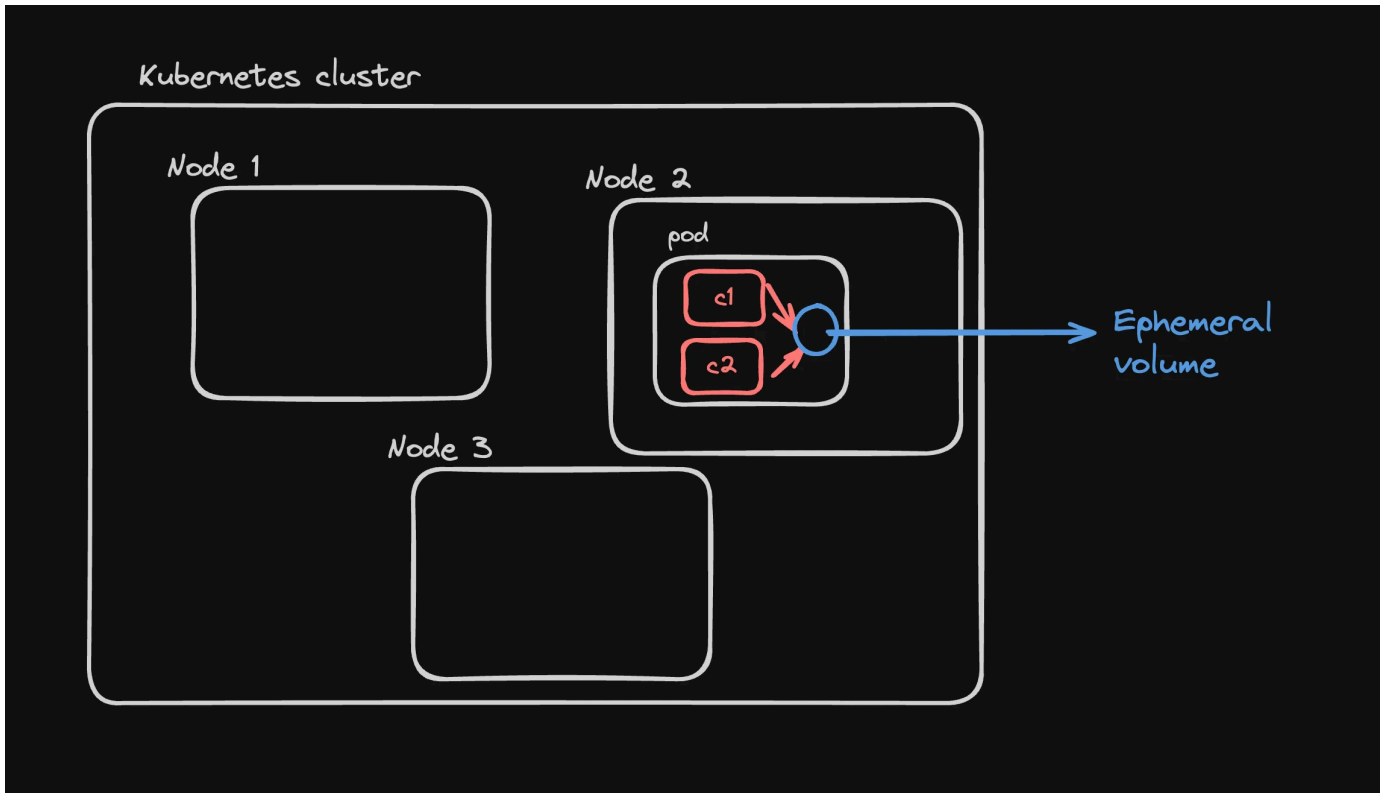# Ephemeral volumes

A lot of times you want two containers in a pod to share data.
But when the pods dies, then the data can die with it.

Setup

- Create a manifest that starts two pods which share the same volume

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: shared-volume-deployment
spec:
  replicas: 1
  selector:
    matchLabels:
      app: shared-volume-app
```

```yaml
      labels:
        app: shared-volume-app
    spec:
      containers:
      - name: writer
        image: busybox
        command: ["/bin/sh", "-c", "echo 'Hello from Writer Pod' > /data/hello.txt; sle
        volumeMounts:
        - name: shared-data
          mountPath: /data
      - name: reader
        image: busybox
        command: ["/bin/sh", "-c", "cat /data/hello.txt; sleep 3600"]
        volumeMounts:
        - name: shared-data
          mountPath: /data
      volumes:
      - name: shared-data
        emptyDir: {}
```

- Apply the manifest

```
kubectl apply -f kube.yml
```

- Check the reader container and see if you can see the volume data in there

```
kubectl exec -it shared-volume-deployment-74d67d6567-tcdsl --container
```