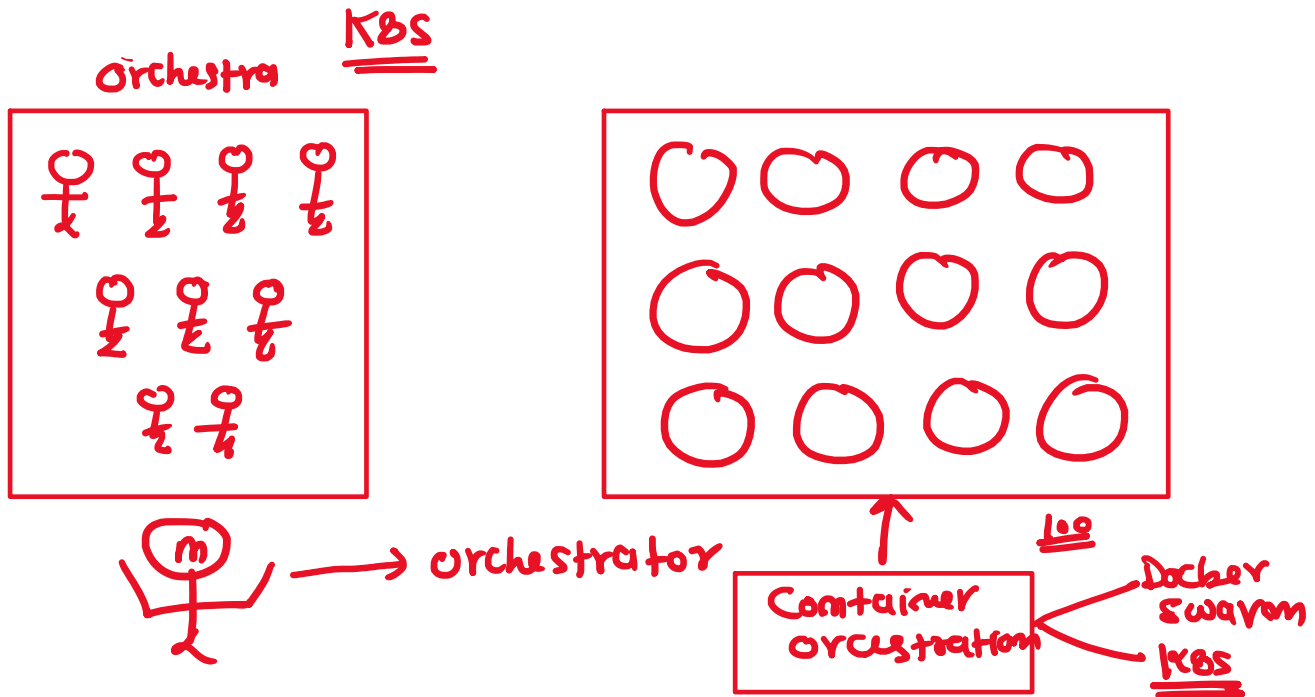


→ Docker → Containerization

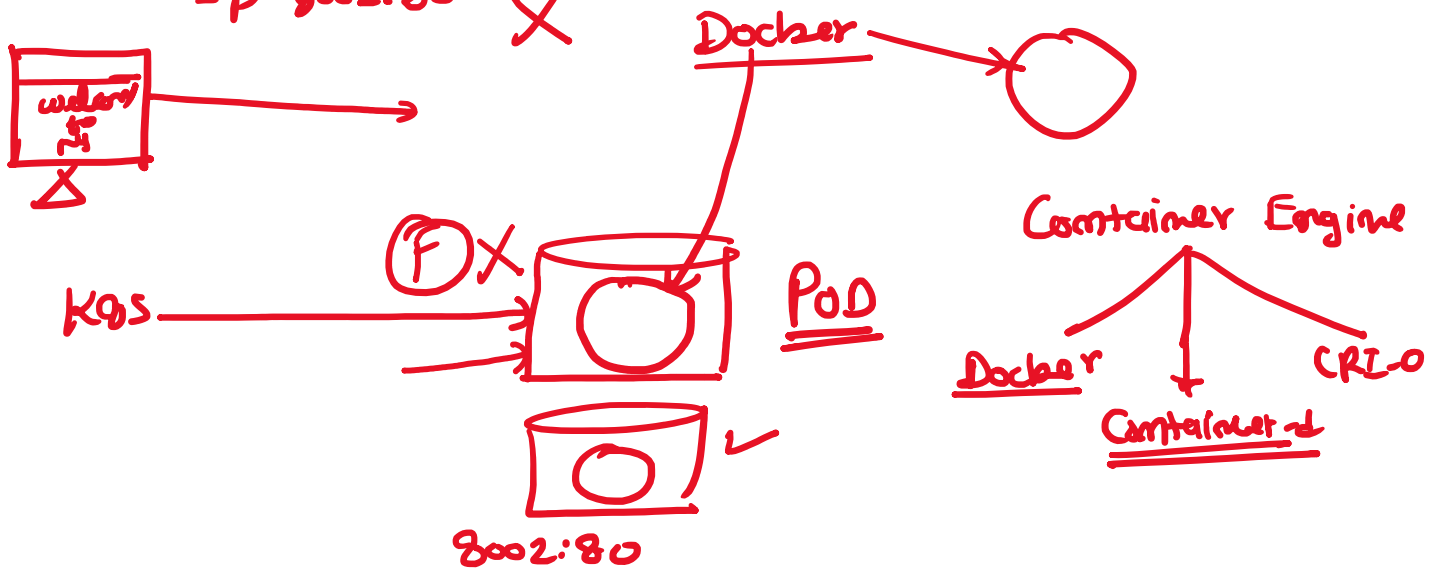
Kubernetes → Container orchestration



K8S → Container Management

- p 8002:80

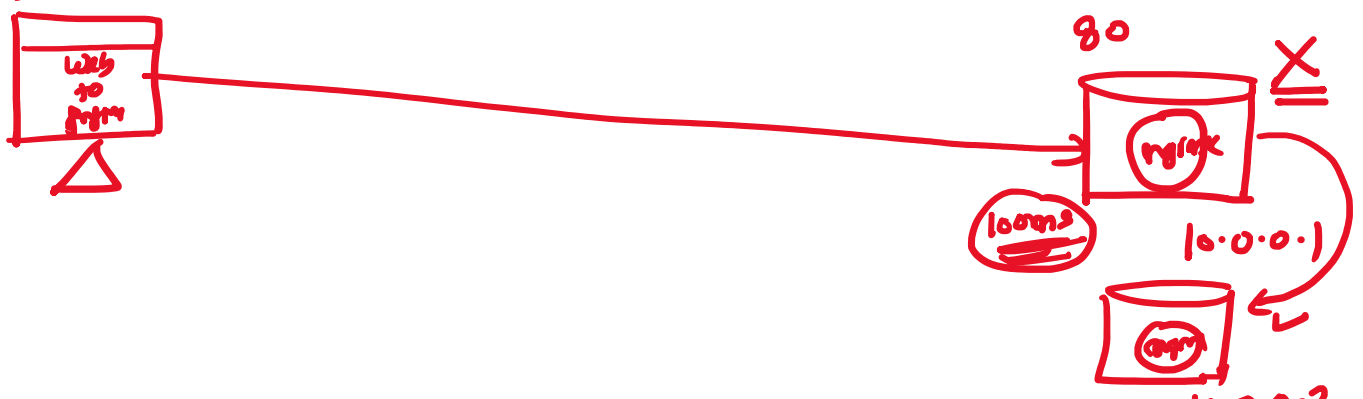
HA
FT



10.0.0.2: 8002

FT ✓

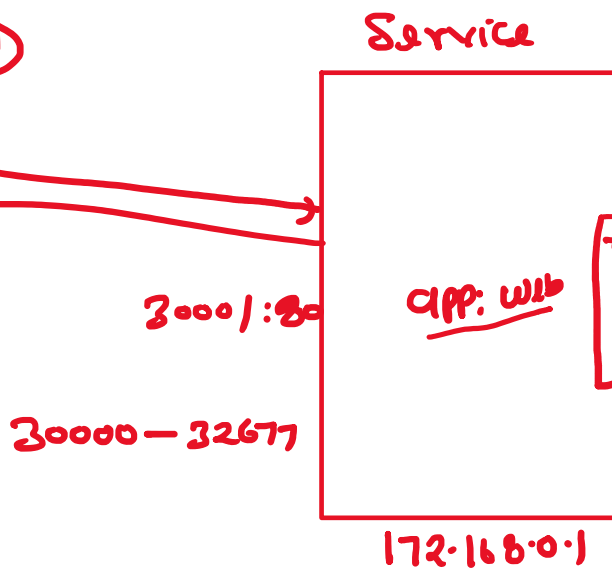
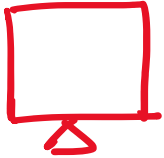
HA ✗





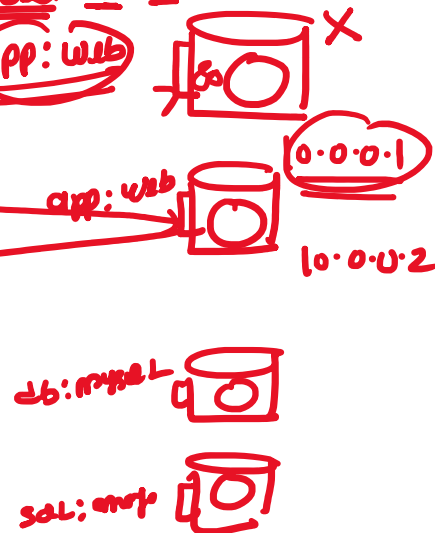
replicaset =

→ replica = 3 → ^{FTV} HPA ✓ X ooms
app: web



Label K:V

app: web



① Pod with a Label

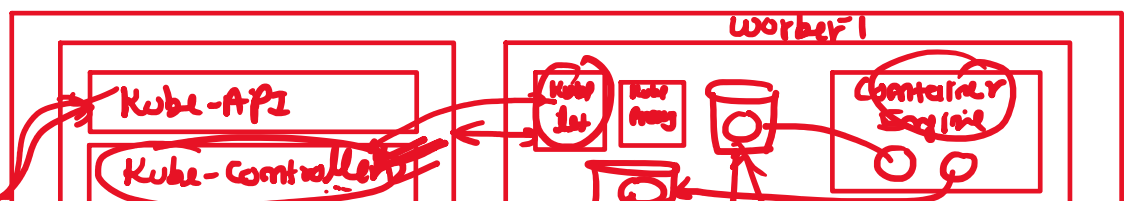
② Service with a matched Pod Label

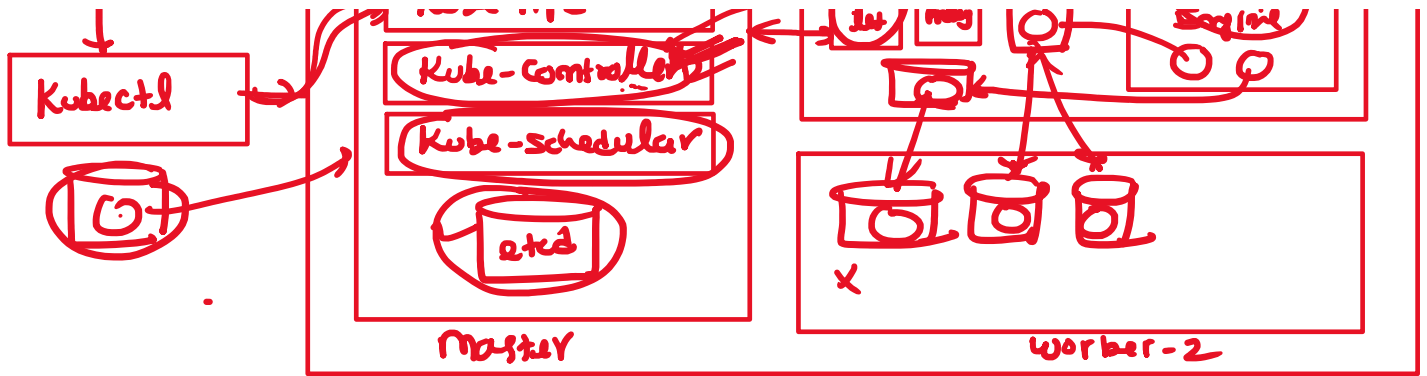


Kubectl

> docker rs rs=3

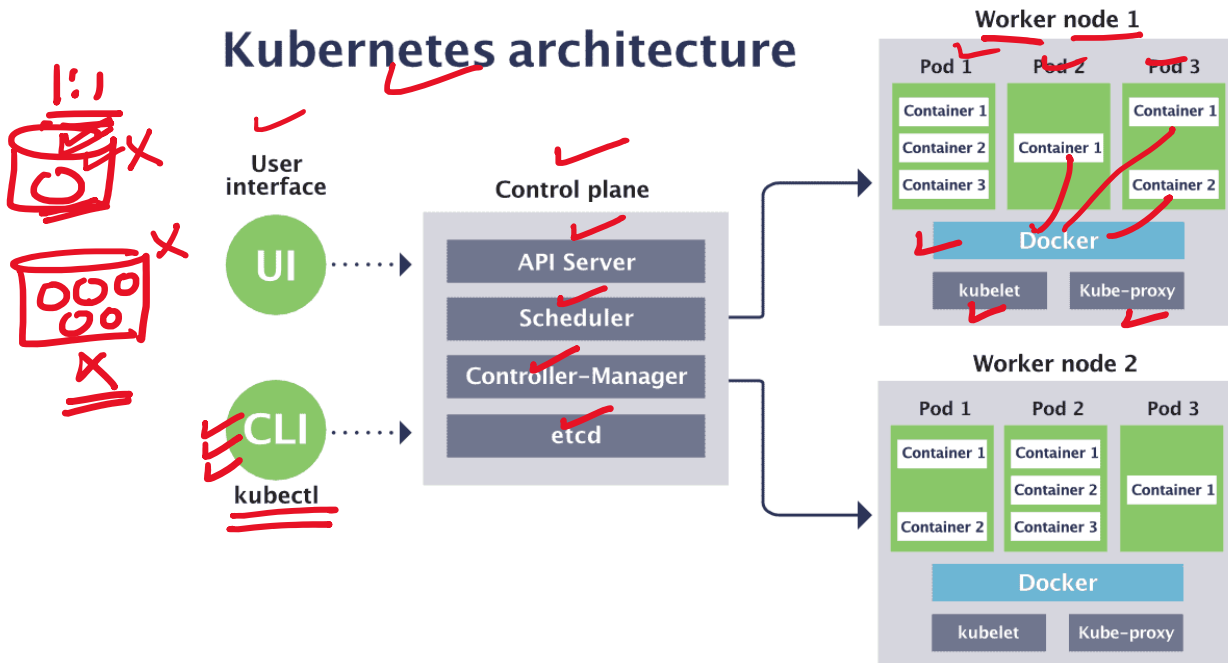
k8s-Cluster



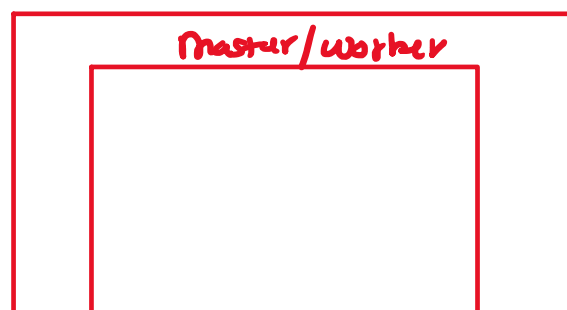


- Master**
- 1- Kube-API
 - 2- Kube-Controller
 - 3- Kube-Scheduler
 - 4- etcd

- Worker**
- 5- Kube-Proxy
 - 6- Container-Engine
 - 7- Kubelet



AWS EKS
 Azure AKS



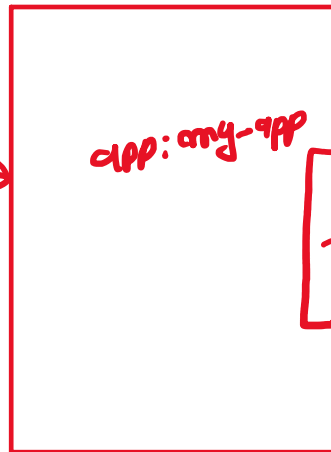
→ Docker Desktop
 → minikube



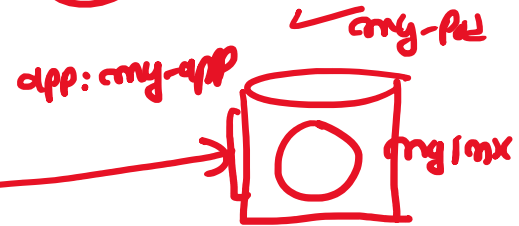
localhost: 30001



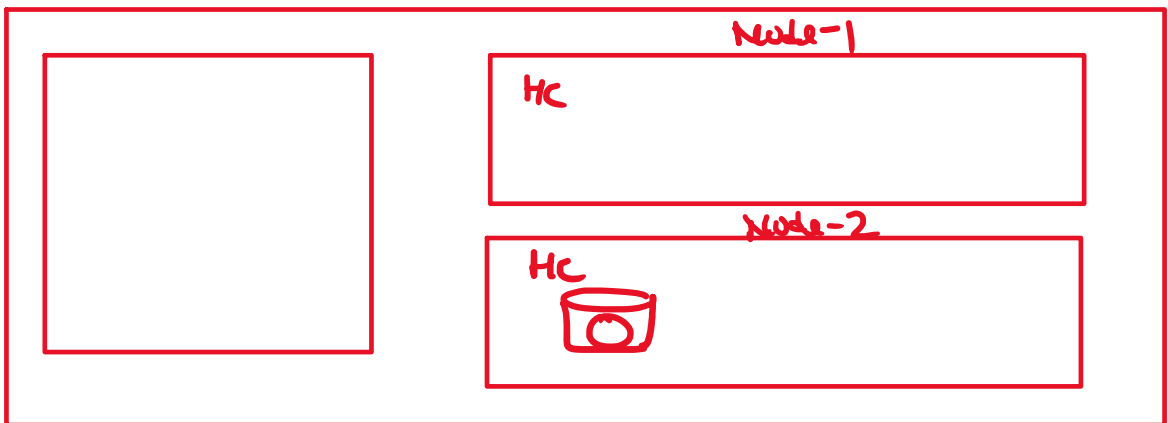
30001



FT
HA



Taint



Pod
Service

FT
HA } X =

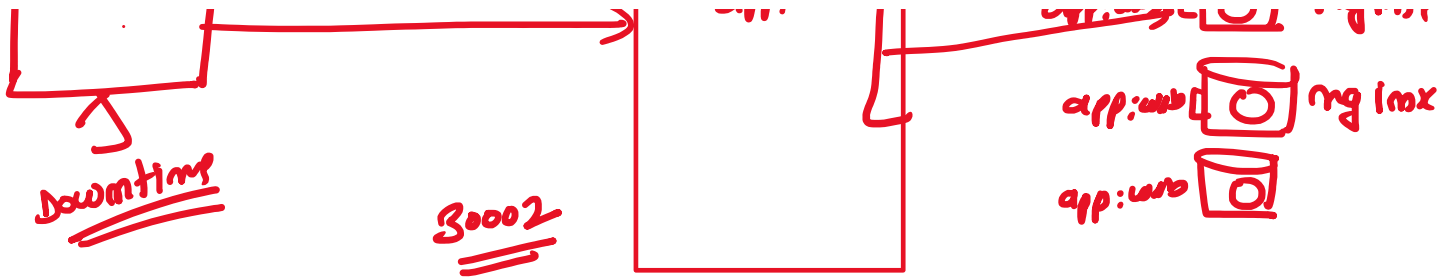
Replicaset

replica = 3

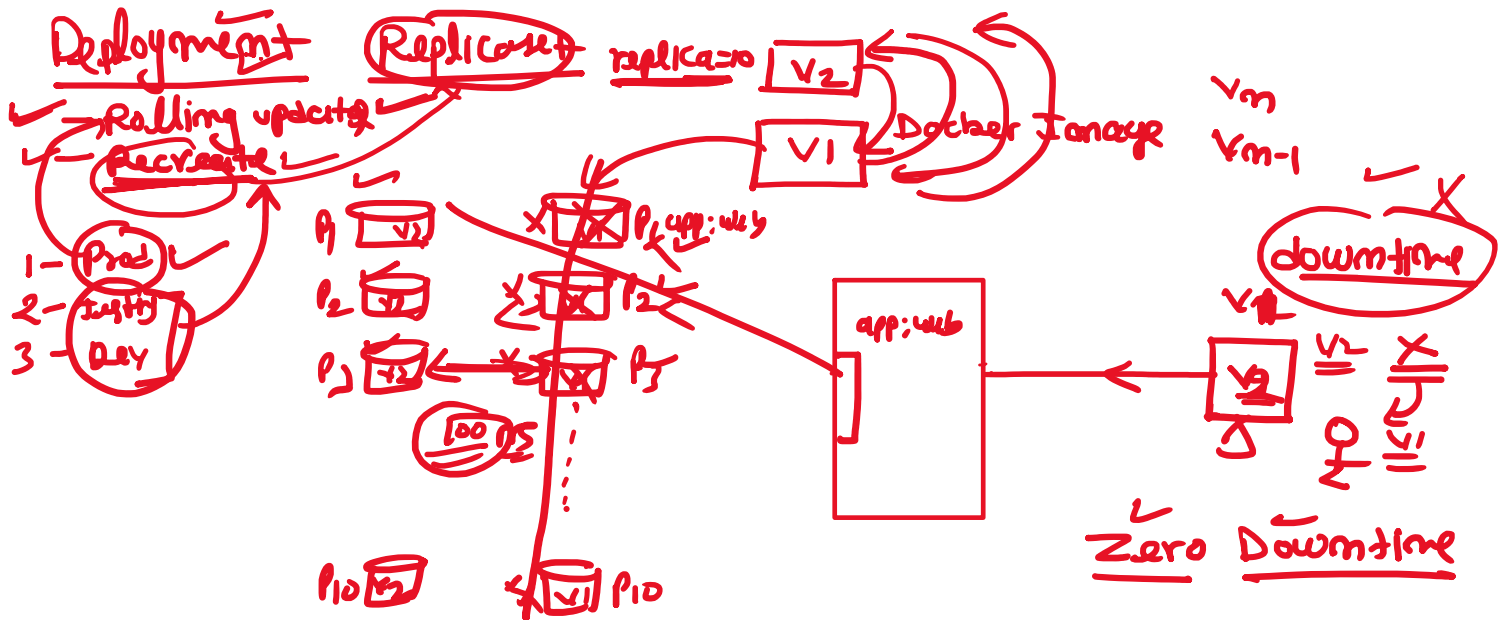
FT
HA

localhost: 30002





Lab Time: 5 min



Kubectl rollout undo deployment —
rollback