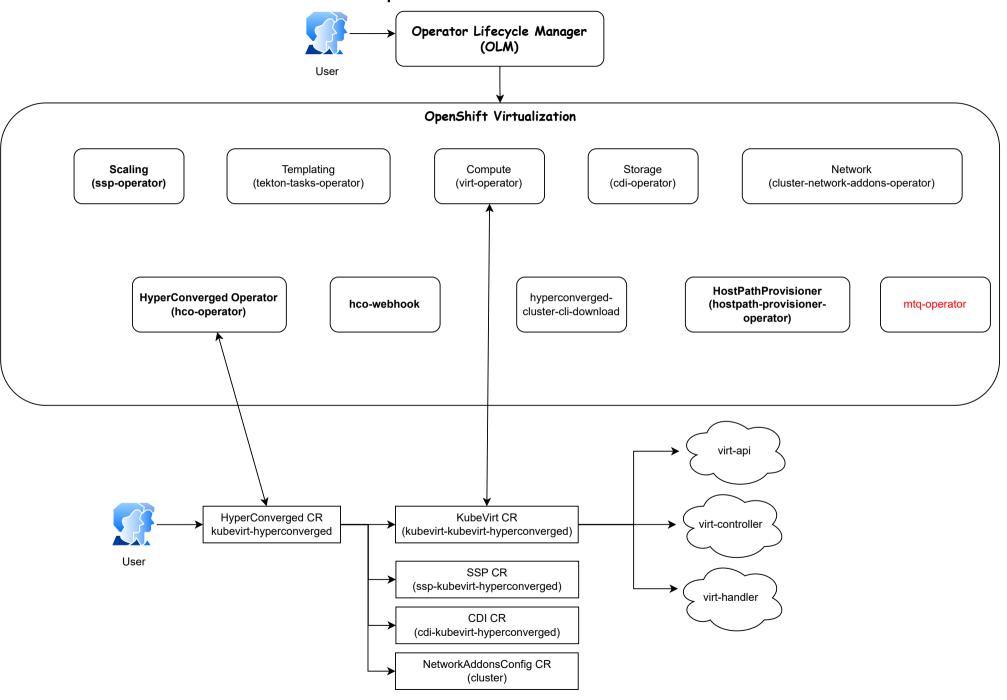
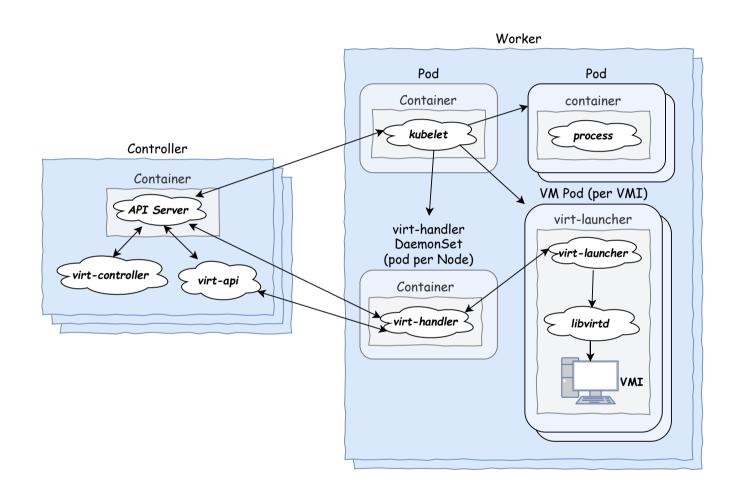
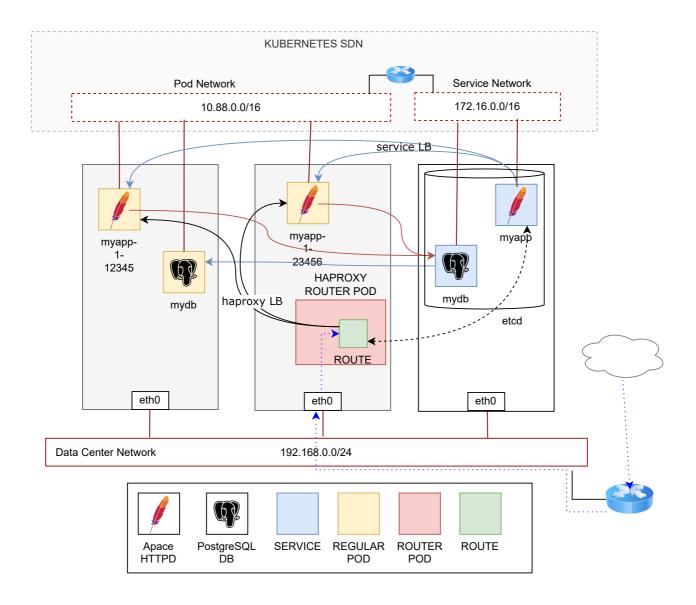
OpenShift Virtualization



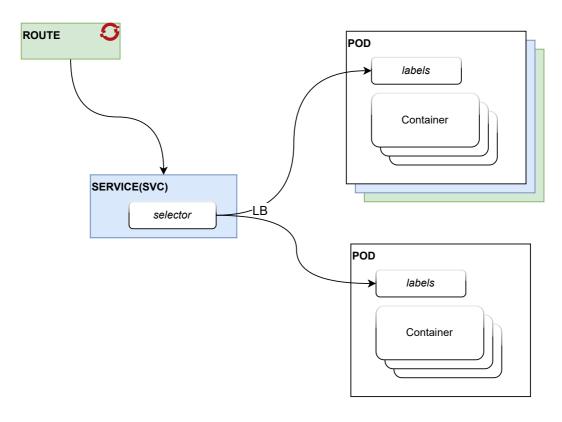


Network



Service LB Pods using Linux Netfilter feature

Route, Service and Pod Relationship



POD

A pod contains one or more containers.

SERVICE

A service references the pod(s) by using the label selector.

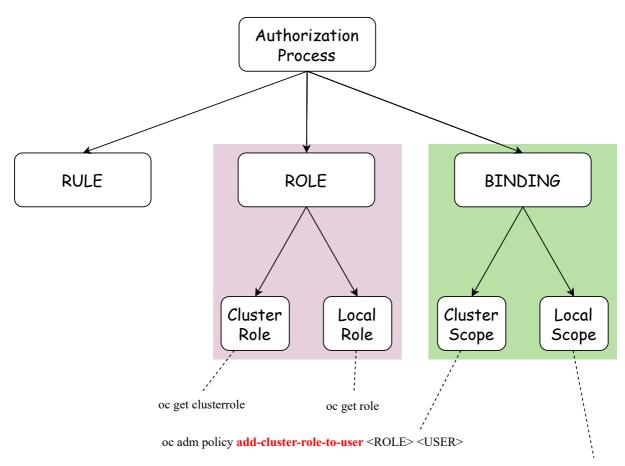
The service load balances the connections between all the pods.

ROUTE

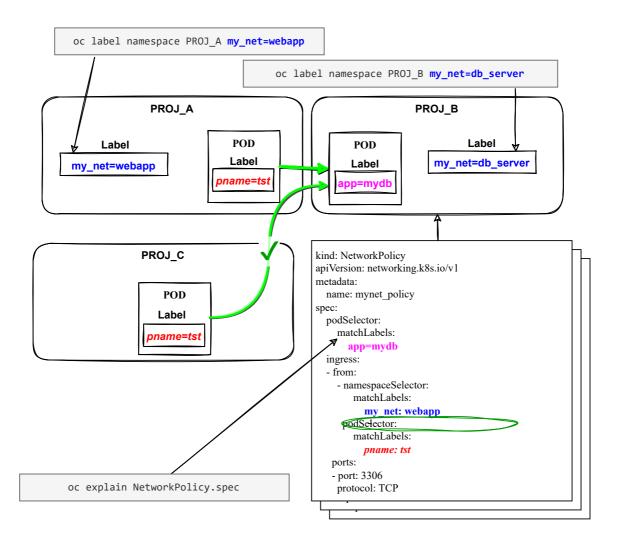
A route exposes the service to the external world.

Warning: A service "can" refer to different pods, if the pods have the same label.

OpenShift Resource Types Internet GIT © 2020 Kelvin Lai **OPENSHIFT CLUSTER Project Template** clone DeploymentConfig(dc) / Deployment BuildConfig(bc) strategy ReplicationController(rc) / ReplicaSet(rs) serviceaccount(sa) Build (S2I) replicas selector Pod service(svc) route labels container selector notify pull image env -inject/pushnotify pull volumeMounts volumes ImageStream(is) ImageStream(is) ImageStreamTag(ISTag) ImageStreamTag(ISTag) ImageStreamTag(ISTag) ImageStreamTag(ISTag) ImageStreamTag(ISTag) ImageStreamTag(ISTag) configmap(cm) emptyDir secret persistentVolumeClaim(pvc) **Storage** StorageClass(sc) **PersistentVolume**



oc adm policy add-role-to-user <ROLE> <USER> [-n <PROJNAME>]



Basic Network - Container vs Kubernetes

