Kubernetes Cheat Sheet

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Basics

kubectl run <kube>	Deploy an app on the cluster
kubectl cluster-info	view info about the cluster
kubectl get node	list all the nodes
kubectl create -f <filename.yaml>	Create a resource from a file
kubectl apply -f <filename.yaml>	Apply a configuration to a resource by filename
kubectl replace -f <filename.yaml>	Replace a configuration to a resource by filename

Pods

kubectl run <podname> --image <image name>	creates a pod and set an image
kubectl get pods	shows pods in a cluster
kubectl describe pod <podname>	gives more details about specific pods
kube get pods -o wide	shows pods details .. its > get pods and < describe pod commands
kubectl delete pod <podname>	deletes a specific pod

ReplicaSet

kubectl get replicaset	Show replica sets in a cluster
kubectl edit replicasets.apps <replicaset name>	Edit replica set inline
kubectl scale --replicas=6 -f replicaset-definition.yml	scale replica set and update file
kubectl scale --replicas=6 -f replicaset myapp-replicaset	scale replica set by type

Deployment

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