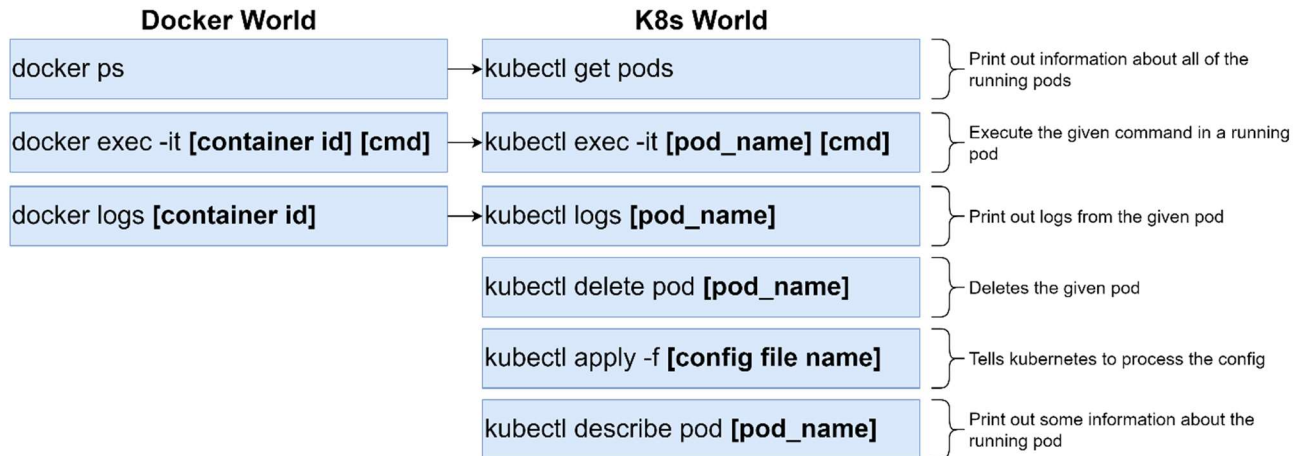
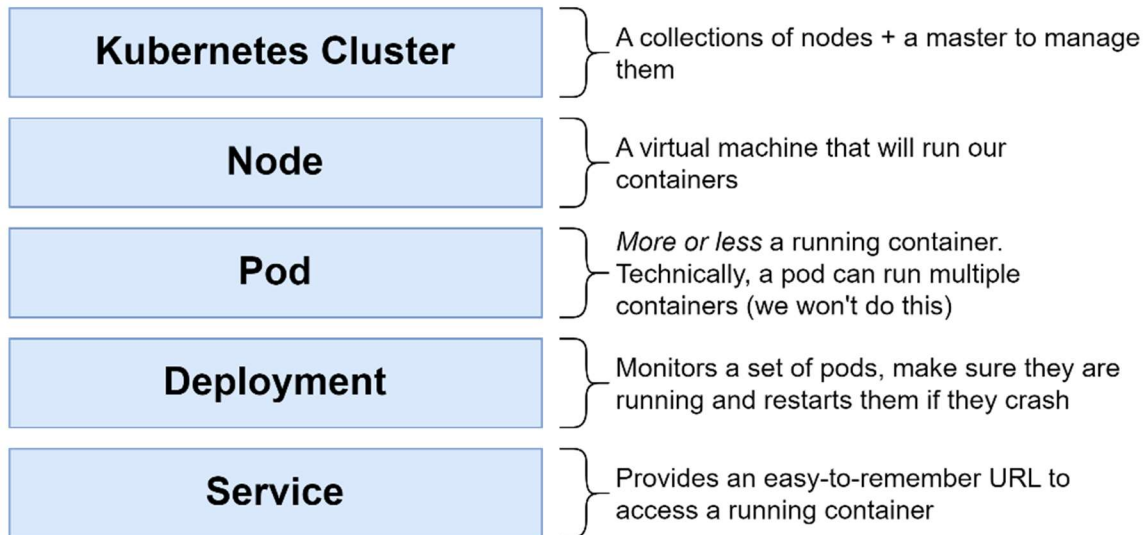
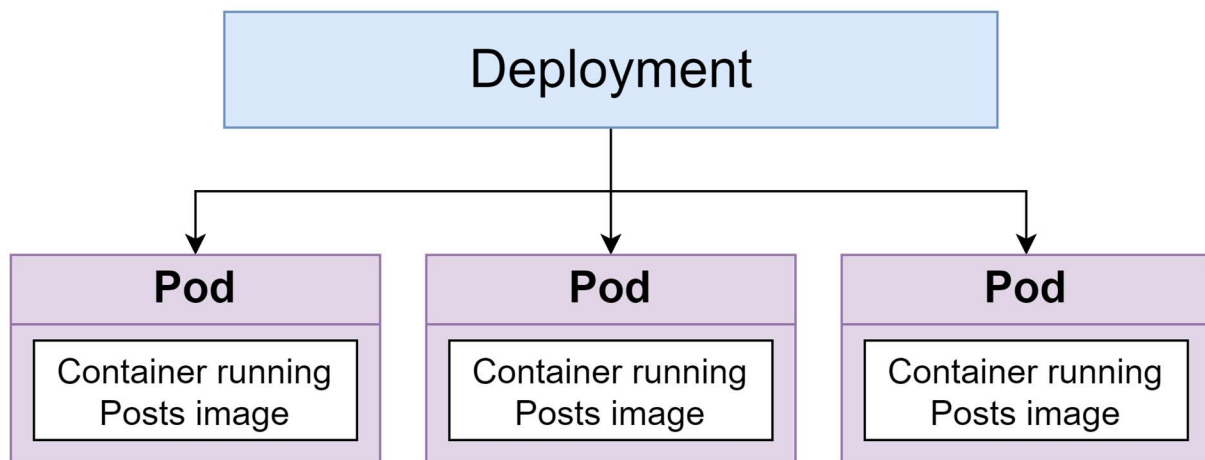


Kubernetes





Deployment Commands

kubectl get deployments

List all the running deployments

kubectl describe deployment **[depl name]**

Print out details about a specific deployment

kubectl apply -f **[config file name]**

Create a deployment out of a config file

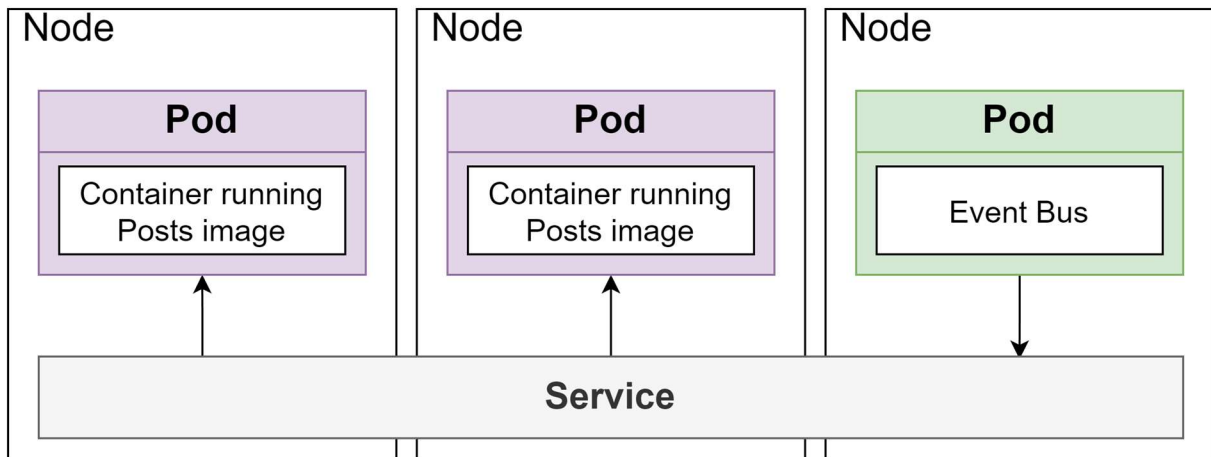
kubectl delete deployment **[depl_name]**

Delete a deployment

kubectl rollout restart deployment **[depl_name]**

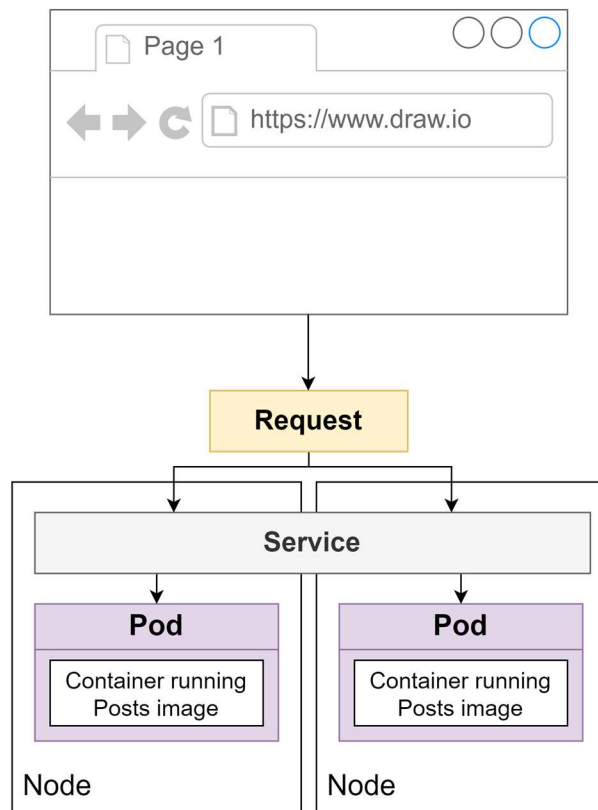
Get a deployment to restart all pods. Will use latest version of an image *if* the pod spec has a tag of 'latest'

Services



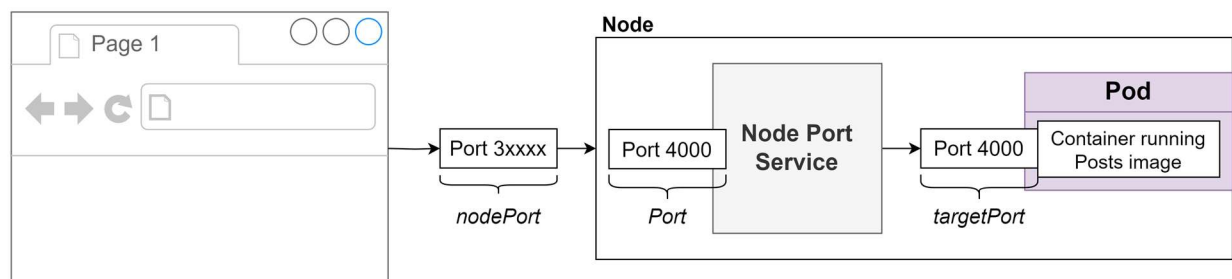
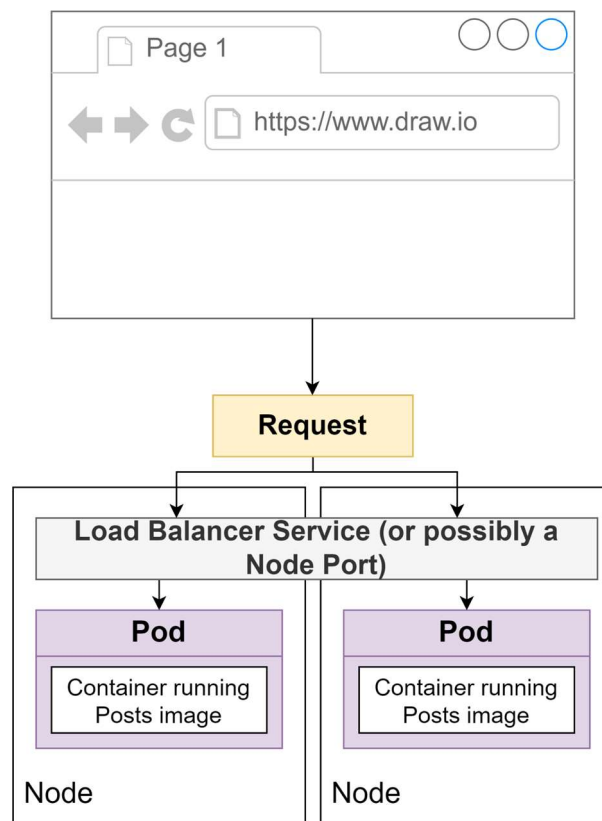
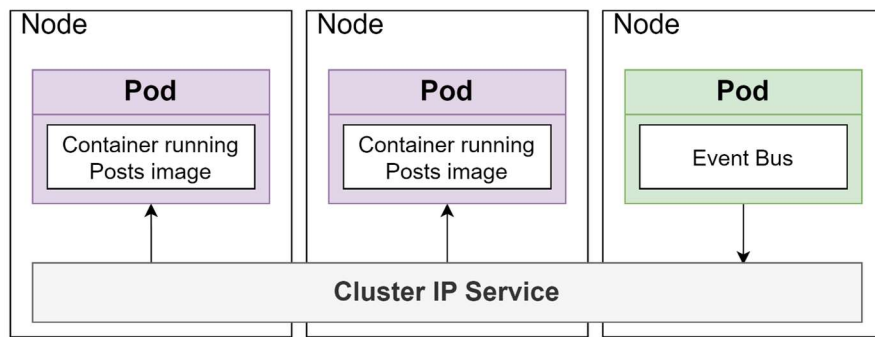
Services provide networking *between* pods....

....and from the outside world to a pod

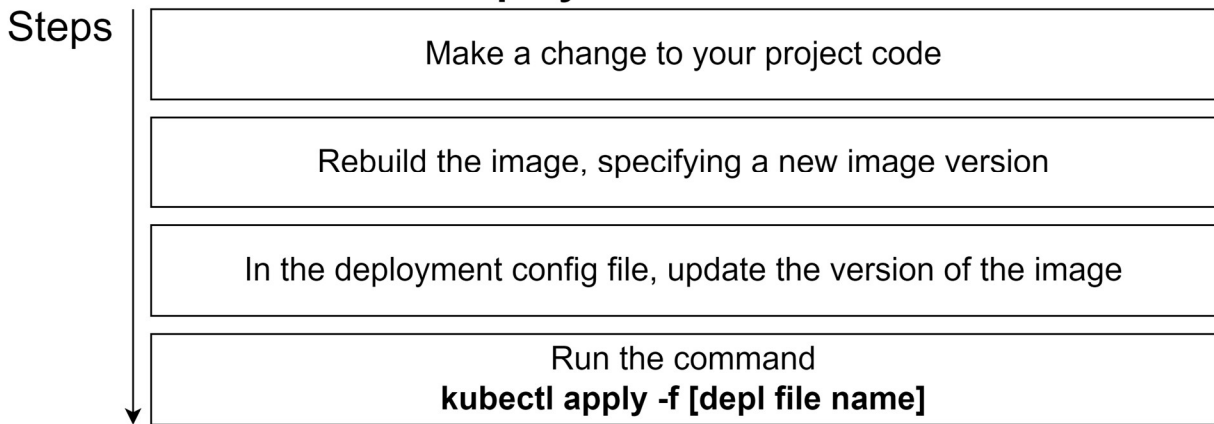


Types of Services

Cluster IP	→	Sets up an easy-to-remember URL to access a pod. Only exposes pods <i>in the cluster</i>
Node Port	→	Makes a pod accessible from <i>outside the cluster</i> . Usually only used for dev purposes
Load Balancer	→	Makes a pod accessible from <i>outside the cluster</i> . This is the right way to expose a pod to the outside world
External Name	→	Redirects an in-cluster request to a CNAME url..... <i>don't worry about this one....</i>



Updating the Image Used By a Deployment - Method #1



Updating the Image Used By a Deployment - Method #2

