

Introduction to Containers, Kubernetes, and OpenShift

Module 2 and 3 Cheat Sheet
Understanding Kubernetes Architecture
Managing Applications with Kubernetes

The kubectl CLI

Command	Description
<code>kubectl apply</code>	Apply a configuration to a resource.
<code>kubectl config get-clusters</code>	Displays clusters defined in the kubeconfig.
<code>kubectl config get-contexts</code>	Displays the current context.
<code>kubectl create</code>	Create a resource.
<code>kubectl delete</code>	Deletes resources.
<code>kubectl describe</code>	Shows details of a resource or group of resources.
<code>kubectl expose</code>	Expose a resource to the internet as a new Kubernetes service.
<code>kubectl get</code>	Displays resources.
<code>kubectl get pods</code>	Lists all the Pods in the namespace.
<code>kubectl proxy</code>	Creates a proxy server between a localhost and the Kubernetes API server.
<code>kubectl rollout</code>	Manage the rollout of a resource.
<code>kubectl run</code>	Creates and runs a particular image in a pod.
<code>kubectl scale</code>	Set a new size for a deployment.
<code>kubectl set</code>	Configure application resources.
<code>kubectl version</code>	Prints the client and server version information.