

Cheat Sheet: Understanding Kubernetes Architecture

Command Description

for ...do Runs a for command multiple times as specified.

 kubectl apply
 Applies a configuration to a resource.

 kubectl config get-clusters
 Displays clusters defined in the kubeconfig.

kubectl config get-contexts Displays the current context.

kubectl createCreates a resource.kubectl deleteDeletes resources.

kubectl describe Shows details of a resource or group of resources.

kubectl expose Exposes a resource to the internet as a Kubernetes service.

kubectl getDisplays resources.kubectl get podsLists all the Pods.

 kubect! get pods - o wide
 Lists all the Pods with details.

 kubect! get deployments
 Lists the deployments created.

 kubect! get services
 Lists the services created.

kubectl proxy Creates a proxy server between a localhost and the Kubernetes API server.

 kubectl run
 Creates and runs a particular image in a pod.

 kubectl version
 Prints the client and server version information.

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