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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.

kubectl get pods -o wideLists all the Pods with details.kubectl get deploymentsLists the deployments created.kubectl get servicesLists the services created.

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

kubectl runkubectl versionCreates and runs a particular image in a pod.Prints the client and server version information.

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