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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 getkubectl 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 run**Creates and runs a particular image in a pod. **kubectl version**Prints the client and server version information.

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