

GPT CheatSheet

Kubernetes Cheat Sheet (with Namespace Flag)

Command	Description	Example Usage
<code>kubectl get pods -n <namespace></code>	List all running pods in a specific namespace.	<code>kubectl get pods -n my-namespace</code>
<code>kubectl get nodes -n <namespace></code>	List all nodes in the cluster (namespace flag can be omitted for node commands).	<code>kubectl get nodes</code>
<code>kubectl describe pod <pod-name> -n <namespace></code>	Get detailed information about a specific pod in a namespace.	<code>kubectl describe pod my-pod -n my-namespace</code>
<code>kubectl logs <pod-name> -n <namespace></code>	View logs for a specific pod in a namespace.	<code>kubectl logs my-pod -n my-namespace</code>
<code>kubectl exec -it <pod-name> -n <namespace> -- /bin/bash</code>	Access the shell of a running pod interactively in a namespace.	<code>kubectl exec -it my-pod -n my-namespace -- /bin/bash</code>
<code>kubectl get svc -n <namespace></code>	List all services in a specific namespace.	<code>kubectl get svc -n my-namespace</code>
<code>kubectl get deployments -n <namespace></code>	List all deployments in a specific namespace.	<code>kubectl get deployments -n my-namespace</code>
<code>kubectl apply -f <file>.yaml -n <namespace></code>	Apply a YAML configuration to create/update resources in a namespace.	<code>kubectl apply -f deployment.yaml -n my-namespace</code>
<code>kubectl delete pod <pod-name> -n <namespace></code>	Delete a specific pod in a namespace.	<code>kubectl delete pod my-pod -n my-namespace</code>
<code>kubectl scale deployment <deployment-name> -n <namespace> --replicas=<num></code>	Scale a deployment to the specified number of replicas in a namespace.	<code>kubectl scale deployment my-deployment -n my-namespace --replicas=3</code>
<code>kubectl get namespaces</code>	List all namespaces in the cluster.	<code>kubectl get namespaces</code>
<code>kubectl create namespace <namespace></code>	Create a new namespace.	<code>kubectl create namespace my-namespace</code>
<code>kubectl get all -n <namespace></code>	Get all resources (pods, services, deployments, etc.) in a specific namespace.	<code>kubectl get all -n my-namespace</code>

<pre>kubectl rollout restart deployment <deployment- name> -n <namespace></pre>	Restart the pods managed by a deployment in a namespace.	<pre>kubectl rollout restart deployment my-deployment - n my-namespace</pre>
<pre>kubectl port-forward <pod- name> -n <namespace> <local- port>:<pod-port></pre>	Forward a local port to a pod for testing in a specific namespace.	<pre>kubectl port-forward my-pod -n my-namespace 8080:80</pre>