

Category	Command	Explanation
General Cluster Info	<code>kubectl cluster-info</code>	Show cluster information
	<code>kubectl get nodes</code>	List all nodes in the cluster
	<code>kubectl describe node <node-name></code>	Get detailed info about a specific node
	<code>kubectl top node</code>	View CPU and memory usage of nodes
Working with Pods	<code>kubectl get pods -A</code>	List all pods in all namespaces
	<code>kubectl get pods -n <namespace></code>	List pods in a specific namespace
	<code>kubectl describe pod <pod-name> -n <namespace></code>	Show details of a specific pod
	<code>kubectl logs <pod-name> -n <namespace></code>	View logs of a pod
	<code>kubectl exec -it <pod-name> -- /bin/sh</code>	Open a shell session inside a pod
	<code>kubectl delete pod <pod-name></code>	Delete a specific pod
Deployments & ReplicaSets	<code>kubectl get deployments -A</code>	List all deployments
	<code>kubectl describe deployment <deployment-name></code>	Get detailed information about a deployment
	<code>kubectl rollout status deployment <deployment-name></code>	Check the rollout status of a deployment
	<code>kubectl rollout undo deployment <deployment-name></code>	Roll back a deployment to the previous version
Services & Networking	<code>kubectl get services -A</code>	List all services in the cluster
	<code>kubectl describe service <service-name></code>	Show details of a specific service
	<code>kubectl port-forward <pod-name> 8080:80</code>	Forward local port 8080 to pod's port 80
	<code>kubectl get ingress -A</code>	List all ingress resources
ConfigMaps & Secrets	<code>kubectl get configmaps -A</code>	List all ConfigMaps
	<code>kubectl describe configmap <name></code>	Get details of a ConfigMap
	<code>kubectl get secrets -A</code>	List all Secrets
	<code>kubectl describe secret <name></code>	Show details of a specific secret
DaemonSets, StatefulSets, Jobs	<code>kubectl get daemonsets -A</code>	List all DaemonSets
	<code>kubectl get statefulsets -A</code>	List all StatefulSets
	<code>kubectl get jobs -A</code>	List all Jobs
	<code>kubectl get cronjobs -A</code>	List all CronJobs
Debugging & Troubleshooting	<code>kubectl get events -A --sort-by=.metadata.creationTimestamp</code>	View recent cluster events sorted by time
	<code>kubectl describe pod <pod-name></code>	Check why a pod is failing

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	kubectl logs <pod-name> --previous	Get logs from a crashed pod
	kubectl exec -it <pod-name> -- /bin/bash	Debug inside a pod using Bash
Working with YAML Manifests	kubectl apply -f <file>.yaml	Apply a YAML file to create/update resources
	kubectl delete -f <file>.yaml	Delete resources from a YAML file
	kubectl get -f <file>.yaml	View resources in a YAML file
	kubectl create namespace <namespace-name>	Create a new namespace
Cleanup & Maintenance	kubectl delete pod --all -n <namespace>	Delete all pods in a namespace
	kubectl delete all --all -n <namespace>	Delete all resources in a namespace
	kubectl delete namespace <namespace-name>	Delete an entire namespace
One-Liners for Quick Insights	kubectl get pods --sort-by=.status.startTime -A	List pods sorted by age
	kubectl get pods -o wide -n <namespace>	Show extra pod details (IP, Node, etc.)
	kubectl run test-pod --image=busybox - /bin/sh	Create a test pod with BusyBox
	kubectl top pod -n <namespace>	Show pod CPU & memory usage