Kubernetes Commands Quick Revision (Wrapped)

Command	Why (One Word)	What it Actually Does	Example Usage
kubectl version	Info	Shows client & server Kubernetes version	kubectl version --short
kubectl cluster-info	Info	Displays master & DNS service details	kubectl cluster-info
kubectl get nodes	Nodes	Lists all cluster nodes	kubectl get nodes -o wide
kubectl get pods	Pods	Lists pods in current namespace	kubectl get pods -n kube-system
kubectl get services	Services	Lists all services	kubectl get svc
kubectl get deployments	Deploy	Lists deployments	kubectl get deployments
kubectl describe pod	Details	Shows detailed info of a pod	kubectl describe pod mypod
kubectl logs	Debug	Prints pod logs	kubectl logs mypod
kubectl exec -it -- bash	Access	Opens shell inside pod	kubectl exec -it nginx -- sh
kubectl apply -f	Create/Update	Creates or updates resources from YAML	kubectl apply -f deployment.yaml
kubectl create -f	Create	Creates resources from YAML (only once)	kubectl create -f pod.yaml
kubectl delete -f	Delete	Deletes resources defined in YAML	kubectl delete -f pod.yaml
kubectl delete pod	Delete	Removes a pod	kubectl delete pod nginx-123
kubectl scale deployment --replicas=N	Scale	Increases/decreases number of pods	kubectl scale deployment myapp --replicas=5
kubectl rollout status deployment/	Status	Shows rollout progress	kubectl rollout status deployment/myapp
kubectl rollout undo deployment/	Rollback	Reverts to previous version	kubectl rollout undo deployment/myapp

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kubectl expose pod --port=80 --type=NodePort	Expose	Creates a service to expose pod	kubectl expose pod nginx --port=80 --type=NodePort
kubectl port-forward 8080:80	Forward	Access pod locally via port	kubectl port-forward nginx 8080:80
kubectl cordon	Block	Marks node unschedulable	kubectl cordon node1
kubectl uncordon	Allow	Marks node schedulable again	kubectl uncordon node1
kubectl drain	Empty	Evicts pods before maintenance	kubectl drain node1 --ignore-daemonsets
kubectl top pod	Metrics	Shows CPU & memory usage of pods	kubectl top pod
kubectl top node	Metrics	Shows CPU & memory usage of nodes	kubectl top node
kubectl config view	Config	Shows kubeconfig details	kubectl config view
kubectl config use-context	Switch	Switch between clusters	kubectl config use-context prod-cluster
kubectl get all	All	Lists pods, svc, deployments, etc.	kubectl get all
kubectl explain	Help	Shows documentation for a resource	kubectl explain pod