

# Kubernetes Commands on Amazon Linux - Cheat Sheet

## 1 Basic Kubernetes Commands

Purpose	Command
Show cluster info	kubectl cluster-info
Show version	kubectl version --short
List all nodes	kubectl get nodes
List all pods	kubectl get pods -A
Describe a pod	kubectl describe pod <pod-name>
Get services	kubectl get svc
Get deployments	kubectl get deployments

## 2 Create, Apply, Delete Resources

Purpose	Command
Apply YAML file	kubectl apply -f <file>.yaml
Create resource	kubectl create -f <file>.yaml
Delete resource	kubectl delete -f <file>.yaml
Run pod	kubectl run nginx --image=nginx

## 3 Debug & Logs

Purpose	Command
View pod logs	kubectl logs <pod-name>
Stream logs	kubectl logs -f <pod-name>
Exec into pod	kubectl exec -it <pod-name> -- /bin/bash
Describe node	kubectl describe node <node-name>

## 4 Services & Networking

Purpose	Command
List services	kubectl get svc
Port forward	kubectl port-forward <pod> 8080:80
Get endpoints	kubectl get endpoints

## 5 Namespaces

Purpose	Command
List namespaces	kubectl get ns
Create namespace	kubectl create ns dev
Switch namespace	kubectl config set-context --current --namespace=dev

Delete namespace	kubectl delete ns dev
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## 6■■■ Amazon EKS Commands

Purpose	Command
List EKS clusters	aws eks list-clusters
Update kubeconfig	aws eks update-kubeconfig --region <region> --name <cluster>
Get nodegroups	eksctl get nodegroup --cluster <cluster>
Describe cluster	aws eks describe-cluster --name <cluster>

## 7■■■ Useful Shortcuts

Purpose	Command
Show pods + node info	kubectl get pods -o wide
All resources	kubectl get all -A
Top nodes	kubectl top nodes
Top pods	kubectl top pods
Switch context	kubectl config use-context <name>