

Kube-probe Cheatsheet

Connection

kubect! config use-context [context-name]
Switch to a specific Kubernetes cluster context

kubect! config current-context
Check the current context you're connected to

kubect! config get-contexts
List all available contexts

kubect! cluster-info
Display cluster connection information

Pod Health Checking

kubect! get pods
List all pods in the current namespace

kubect! get pods -A
List pods across all namespaces

kubect! describe pod [pod-name]
Show detailed information about a specific pod

kubect! logs [pod-name]
View logs for a pod

kubect! logs [pod-name] -c [container-name]
View logs for a specific container in a pod

Resource Monitoring

kubect! top pods
Display CPU/Memory usage of pods

kubect! top nodes
Display CPU/Memory usage of nodes

kubect! get events
List events in the current namespace

kubect! get events --sort-by=.metadata.creationTimestamp
List events sorted by creation time

Health and Readiness Probes

kubect! get pod [pod-name] -o jsonpath='{.spec.containers[*].livenessProbe}'
Check liveness probe configuration

kubect! get pod [pod-name] -o jsonpath='{.spec.containers[*].readinessProbe}'
Check readiness probe configuration

kubect! get pod [pod-name] -o jsonpath='{.spec.containers[*].startupProbe}'
Check startup probe configuration

Debugging

kubect! exec -it [pod-name] -- sh
Open a shell inside a pod

kubect! port-forward [pod-name] [local-port]:[pod-port]
Forward a local port to a port on the pod

kubect! debug [pod-name] --image=busybox --target=[container-name]
Create a debugging container in a running pod