1   Kubernets Yaml Templates   KUBERNETES

- PDF Link: kubernetes-yaml-templates.pdf

- Blog URL: `https://cheatsheet.dennyzhang.com/kubernetes-yaml-templates`

- Category: kubernetes

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See more CheatSheets from Denny: #denny-cheatsheets
Note: for each yaml in below, you can find a related URL at the top.
e.g, here is an example

1.1   Pod

Yaml	Summary
pod/pod-dummy.yaml	Start a dummy pod with a dead sleep loop
pod/pod-environment-var.yaml	Start a pod passing environment variables
pod/pod-secrets.yaml	Pod use secrets as either volumes or environment variables
pod/pod-nginx.yaml	Start a pod of sample app(nginx)
pod/pod-healthcheck-nginx.yaml	Start pod with tcp and http healthcheck
pod/pod-gitclone.yaml	Pod: sidecar with git clone
pod/pod-hostaliases.yaml	Pod: add alias to /etc/hosts
pod/pod-handlers.yaml	Pod's events whenever it get started or stoppped
Links	link: kubernetes cheatsheet

1.2   Volume

Yaml	Summary
volume/volume-manual-pv.yaml	Create pv first, then pvc
volume/volume-mount-localpath.yaml	Mount a local folder to pods
volume/volume-emptydir.yaml	Create a empty folder, then mount to pods
statefulset/statefulset-replicated-cassandra.yaml	Use minikube volume
Links	link: kubernetes cheatsheet

1.3   Security

Yaml	Summary
security/serviceaccount-default.yaml	Serviceaccount: basic usage
security/podsecurity-no-priviledged.yaml	Pod security: prohibit pod with –privileged
security/podsecurity-advanced.yaml	Pod security: advanced usage
Links	link: kubernetes cheatsheet

1.4   Security - NetworkPolicy

Yaml	Summary
security/networksecurity-denyall-ingress.yaml	Allow all ingress
security/networksecurity-allowall-ingress.yaml	Deny all ingress
security/networksecurity-denyall.yaml	Deny all ingress and egress
security/networksecurity-pod.yaml	Whitelist traffic control
security/networksecurity-complicated.yaml	A comprehensive network policy example
security/networksecurity-port.yaml	Allow TCP 443 from one namespace
security/networksecurity-deny-othernamespaces.yaml	Deny all ingress traffic from other namespaces
security/networksecurity-denyegress-exceptdns.yaml	Deny all egress traffic except DNS
Links	link: kubernetes cheatsheet
Links	GitHub: kubernetes-network-policy-recipes

1.5   Quota & Limits

Yaml	Summary
quota/limitrange-pvc-size.yaml	LimitRange: PVC size
quota/limitrange-pvc-cumulative-size.yaml	ResourceQuota: pvc count and storage size
Links	link: kubernetes cheatsheet

1.6   Deployment

Yaml	Summary
deployment/deployment-nginx.yaml	Deploy nginx with 2 replicas
deployment/deployment-mysql.yaml	Deploy mysql
Links	link: kubernetes cheatsheet

1.7   Statefulset

Yaml	Summary
statefulset/statefulset-nginx.yaml	Statefulset: nginx
statefulset/statefulset-single-mysql	Statefulset: mysql
statefulset/statefulset-replicated-cassandra.yaml	Statefulset: single cassandra
statefulset/statefulset-replicated-mysql	Statefulset: cassandra with replicas
Links	link: kubernetes cheatsheet

1.8   Service

Yaml	Summary
service/service-clusterip-nginx.yaml	Service: nginx with clusterip
service/service-cassandra.yaml	Service: cassandra
Links	link: kubernetes cheatsheet

1.9   More Resources

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