

Kubernetes Yaml Templates

KUBERNETES

- PDF Link: [kubernetes-yaml-templates.pdf](#)
- Blog URL: <https://cheatsheet.dennyzhang.com/kubernetes-yaml-templates>
- Category: [kubernetes](#)

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1.1 Yaml Templates

Note: for each yaml in below, you can find a related URL at the top.
e.g, here is an example.

1.1.1 Pod

Name	Summary
Pod: dummy with deadloop	pod-dummy.yaml
Pod: basic nginx	pod-nginx.yaml
Pod: enable http healthcheck	pod-healthcheck-nginx.yaml
Pod: sidecar with git clone	pod-gitclone.yaml
Pod's events whenever it get started or stoppped	pod-handlers.yaml

1.1.2 Storage

Name	Summary
Use local volume	pod-volume-empty-redis.yaml
Use minikube storage	statefulset-replicated-cassandra.yaml

1.1.3 Security

Name	Summary
Serviceaccount: basic usage	serviceaccount-default.yaml
Pod security: block -privileged	podsecurity-no-privileged.yaml
Pod security: advanced usage	podsecurity-advanced.yaml
Network security: Whitelist traffic control	networksecurity-pod.yaml

1.1.4 Resource Segregation

Name	Summary
LimitRange: PVC size	limitrange-pvc-size.yaml
ResourceQuota: pvc count and storage size	limitrange-pvc-cumulative-size.yaml

1.1.5 Deployment

Name	Summary
Deployment nginx with 2 replicas	deployment-nginx.yaml

1.1.6 Statefulset

Name	Summary
Statefulset: nginx	statefulset-nginx.yaml
Statefulset: mysql	statefulset-single-mysql
Statefulset: single cassandra	statefulset-replicated-cassandra.yaml
Statefulset: cassandra with replicas	statefulset-replicated-mysql

1.1.7 Service

Name	Summary
Service: nginx with clusterip	service-clusterip-nginx.yaml
Service: cassandra	service-cassandra.yaml

1.2 More Resources

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