Init 容器 init 模板

apiVersion: v1

kind: Pod

metadata:

name: myapp-pod

labels:

app: myapp

spec:

containers:

- name: myapp-container

image: busybox

command: ['sh', '-c', 'echo The app is running! && sleep 3600']

initContainers:

- name: init-myservice

image: busybox

command: ['sh', '-c', 'until nslookup myservice; do echo waiting for myservice; sleep 2; done;']

- name: init-mydb

image: busybox

command: ['sh', '-c', 'until nslookup mydb; do echo waiting for mydb; sleep 2; done;']

kind: Service

apiVersion: v1

metadata:

name: myservice

spec:

ports:

- protocol: TCP

port: 80

targetPort: 9376

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kind: Service

apiVersion: v1

metadata:

name: mydb

spec:

ports:

- protocol: TCP

port: 80

targetPort: 9377

检测探针 - 就绪检测

readinessProbe-httpget

apiVersion: v1

kind: Pod

metadata:

name: readiness-httpget-pod

namespace: default

spec:

containers:

- name: readiness-httpget-container

image: wangyanglinux/myapp:v1

imagePullPolicy: IfNotPresent

readinessProbe:

httpGet:

port: 80

path: /index1.html

initialDelaySeconds: 1

periodSeconds: 3

检测探针 - 存活检测

livenessProbe-exec

apiVersion: v1

kind: Pod

metadata:

name: liveness-exec-pod

namespace: default

spec:

containers:

- name: liveness-exec-container

image: hub.atguigu.com/library/busybox

imagePullPolicy: IfNotPresent

command: ["/bin/sh","-c","touch /tmp/live ; sleep 60; rm -rf /tmp/live; sleep 3600"]

livenessProbe:

exec:

command: ["test","-e","/tmp/live"]

initialDelaySeconds: 1

periodSeconds: 3

livenessProbe-httpget

apiVersion: v1

kind: Pod

metadata:

name: liveness-httpget-pod

namespace: default

spec:

containers:

- name: liveness-httpget-container

image: hub.atguigu.com/library/myapp:v1

imagePullPolicy: IfNotPresent

ports:

- name: http

containerPort: 80

livenessProbe:

httpGet:

port: http

path: /index.html

initialDelaySeconds: 1

periodSeconds: 3

timeoutSeconds: 10

livenessProbe-tcp

apiVersion: v1

kind: Pod

metadata:

name: probe-tcp

spec:

containers:

- name: nginx

image: hub.atguigu.com/library/myapp:v1

livenessProbe:

initialDelaySeconds: 5

timeoutSeconds: 1

tcpSocket:

port: 80

启动、退出动作

apiVersion: v1

kind: Pod

metadata:

name: lifecycle-demo

spec:

containers:

- name: lifecycle-demo-container

image: nginx

lifecycle:

postStart:

exec:

command: ["/bin/sh", "-c", "echo Hello from the postStart handler > /usr/share/message"]

preStop:

exec:

command:["/bin/sh","-c","echoHellofromthepoststophandler> /usr/share/message"]