



链滴

在 k8s 中配置 Spring Cloud 服务 (Eureka 客户端) 优雅下线

作者: [fish2018](#)

原文链接: <https://ld246.com/article/1600336699372>

来源网站: 链滴

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)



修改`application.yml`暴露接口

```
management:
  endpoints:
    web:
      exposure:
        include: "*"

```

client强制下线接口:

```
curl -X "POST" "http://localhost:8888/actuator/service-registry?status=DOWN"
-H "Content-Type: application/vnd.spring-boot.actuator.v2+json;charset=UTF-8"
```

Eureka Server强制下线接口:

```
PUT /eureka/apps/${appId}/${ip:port}/status?value=OUT_OF_SERVICE
```

配置preStop

```
lifecycle:
  preStop:
    exec:
      command:
        - bash
        - -c
        - 'curl -X POST --data DOWN http://127.0.0.1:8888/service-registry/instance-status -H "
ontent-Type: application/vnd.spring-boot.actuator.v2+json;charset=UTF-8";sleep 90'
```

同时指定一下优雅终止宽限期

```
terminationGracePeriodSeconds: 90
```

完整demo:

```
apiVersion: apps/v1
kind: Deployment
metadata:
  name: {PROJECT}
  namespace: {K8S_NAMESPACE}
  labels:
    app: {PROJECT}
spec:
  replicas: {REPLICAS}
  selector:
    matchLabels:
      app: {PROJECT}
  template:
    metadata:
      labels:
        app: {PROJECT}
    spec:
      imagePullSecrets:
        - name: harbor-registry
      terminationGracePeriodSeconds: 90
      volumes:
        - name: heap-dumps
          emptyDir: {}
      containers:
        - name: {PROJECT}
          image: {IMAGE_URL}
          imagePullPolicy: Always
          volumeMounts:
            - name: heap-dumps
              mountPath: /dumps
          command: ["java"]
          args: {ARGS}
          ports:
            - containerPort: 8888
          env:
            - name: ENV
              value: {ENV}
          lifecycle:
            preStop:
              exec:
                command:
                  - bash
                  - -c
                  - 'curl -X POST --data DOWN http://127.0.0.1:8888/service-registry/instance-status
H "Content-Type: application/vnd.spring-boot.actuator.v2+json;charset=UTF-8";sleep 90'

# resources:
# requests:
#   memory: "1Gi"
#   cpu: "500m"
# limits:
#   memory: "1200Mi"
```

```

#   cpu: "500m"
  readinessProbe:
    httpGet:
      path: /actuator/health
      port: 8888
      scheme: HTTP
    initialDelaySeconds: 10
    timeoutSeconds: 2
    periodSeconds: 10
---
apiVersion: v1
kind: Service
metadata:
  name: {PROJECT}
  namespace: {K8S_NAMESPACE}
spec:
  type: NodePort
  ports:
  - port: 8888
    protocol: TCP
    targetPort: 8888
  selector:
    app: {PROJECT}
---
apiVersion: extensions/v1beta1
kind: Ingress
metadata:
  name: {ENV}-{PROJECT}
  namespace: {K8S_NAMESPACE}
  annotations:
    kubernetes.io/ingress.class: "nginx"
spec:
  rules:
  - host: {ENV}-{PROJECT}.intramirror.cn
    http:
      paths:
      - backend:
          serviceName: {PROJECT}
          servicePort: 8888
        path: /
        pathType: ImplementationSpecific

```

【参考链接】

实用技巧：Spring Cloud中，如何优雅下线微服务？

<http://www.itmuch.com/spring-cloud-sum/how-to-unregister-service-in-eureka/>

Spring Cloud服务优雅下线

<https://www.jianshu.com/p/1e628a74ac90>

在k8s中使用eureka的几种姿势

<https://gitee.com/sunshanpeng/blog/blob/master/%E5%9C%A8k8s%E4%B8%AD%E4%BD%B%E7%94%A8eureka%E7%9A%84%E5%87%A0%E7%A7%8D%E5%A7%BF%E5%8A%BF.md>

Kubernetes Pod Hook

<https://i4t.com/4424.html>

使用k8s部署springcloud解决三大问题

<https://www.cnblogs.com/sanduzxcvbnm/p/13212718.html>

Eureka客户端下线的几种方式比较

https://blog.csdn.net/CSDN_WYL2016/article/details/107336260

<https://www.cnblogs.com/sanduzxcvbnm/category/1580444.html>

<https://github.com/hellorocky/blog>

<https://horus-k.github.io/>