Kubernetes Hands-On

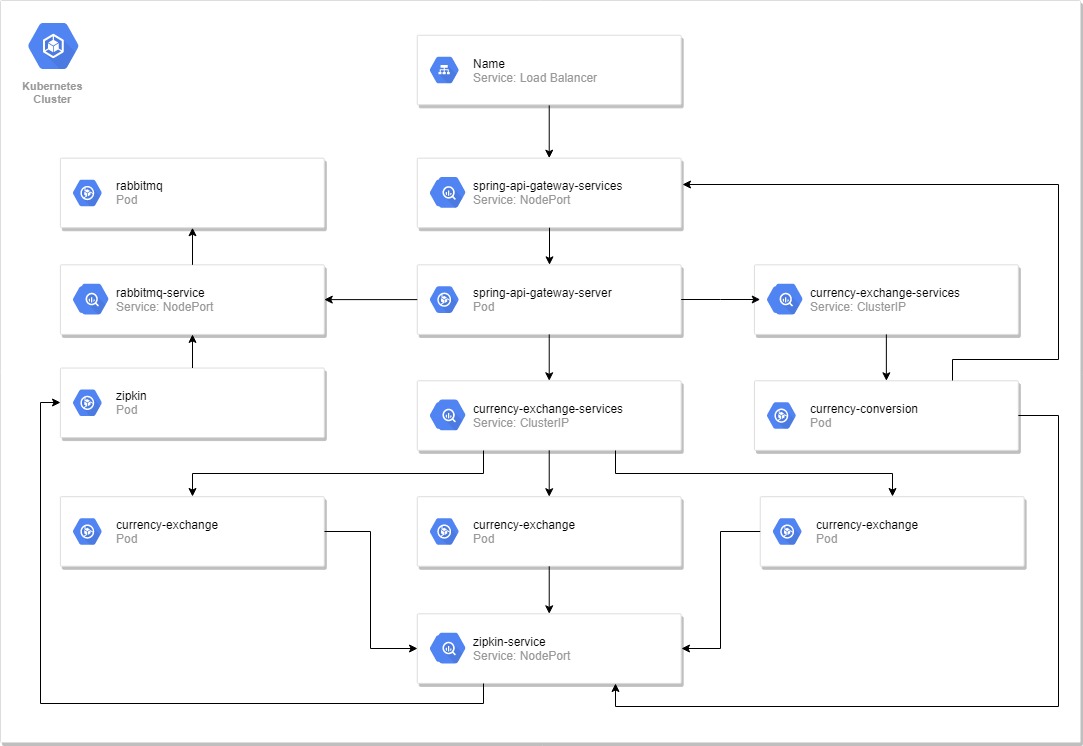
Service Discovery, Distributed Tracing, and Deployment

In this tutorial, we will have practical labs related to Service Discovery, Distributed Tracing, and Deployment in Kubernetes. The technology we will use are :

1. Spring Boot & Cloud
2. Feign
3. Sleuth
4. Zipkin
5. RabbitMQ
6. Zuul API Gateway

# Architecture

The architecture we will use is describe below:



# Connecting to Cluster

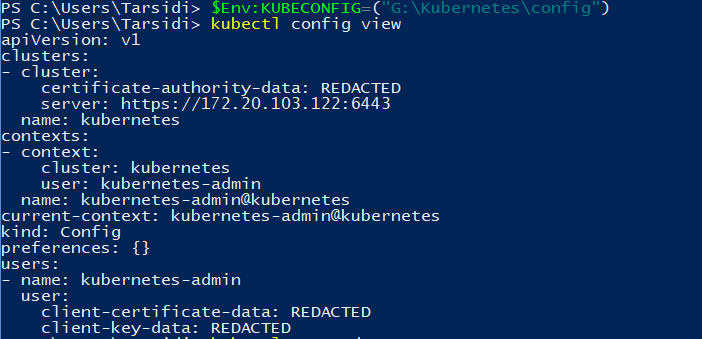
In this course, we will use Windows Powershell and we connecting to our kubernetes cluster at 172.20.103.122. you can get config file from <https://raw.githubusercontent.com/sidie88/service-discovery-in-kubernetes/master/kube-config/config>

1. Set kubernetes config

$Env:KUBECONFIG=("<YOUR\_CONFIG\_FILE\_LOCATION>\config")

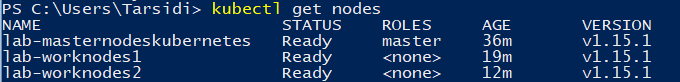
1. Check kubernetes config

kubectl config view

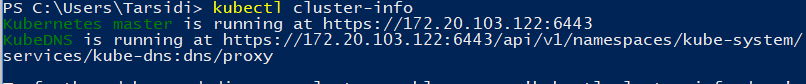


1. Check connection to kubernetes cluster

kubectl get nodes



kubectl cluster-info



# Edit at the same time