**Springboot**

**Configuration Server**

In pom.xml of service or in the BOM for all services

<dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-starter-config</artifactId>  
</dependency>

**Springboot 2.3.x**

**Spring cloud version Hoxton.R8 / R9**

1. **Use discovery eureka**

In bootstrap-cloud.properties

spring.cloud.config.discovery.enabled=true  
# set default zone in the properties file, without this you can't set it as  
# environment variable in docker compose EUREKA\_CLIENT\_SERVICEURL\_DEFAULTZONE  
eureka.client.serviceUrl.defaultZone=http://localhost:8761/eureka  
spring.cloud.discovery.enabled=true  
spring.cloud.config.discovery.service-id=cma-config-server  
spring.cloud.config.fail-fast=true

set spring.cloud.discovery.serverId={config server app name}

1. **Use config server direct**

in bootstrap-could.properties

spring.cloud.config.uri=http://localhost:8088

**Springboot 2.4.x**

Spring Cloud Version 2020.0.1

In application-cloud.properties add

#Spring Boot 2.4 introduced a new way to import configuration data via the spring.config.import property.  
# This is now the default way to bind to Config Server  
# springboot 2.4.2 config server not needed to be declared in bootstrap.properties  
#https://docs.spring.io/spring-cloud-config/docs/current/reference/html/#\_push\_notifications\_and\_spring\_cloud\_bus  
spring.config.import=optional:configserver:http://localhost:8088

**Tracing Sleuth-Zipkin**

**Springboot 2.3.x**

In BOM pom.xml add

<!-- spring-cloud-starter-zipkin in cloud Hoxton.SR8 -->  
<dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-starter-zipkin</artifactId>  
</dependency>

In Springboot 2.4.2

Add

<dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-starter-sleuth</artifactId>  
</dependency>

And

<dependency>  
 <groupId>org.springframework.cloud</groupId>  
 <artifactId>spring-cloud-sleuth-zipkin</artifactId>  
</dependency>

In every interested Project add in

application.prperties or application-tracing.prperties (profile tracing)

spring.zipkin.base-url=http://localhost:9411

Zipkin config

The configuration for zipkin can be maintained in the Config Server for all services

In config repo file “application-tracing.properties” we add

spring.zipkin.base-url=http://localhost:9411

in all services “application.properties” set

# default disable zipkin see tracing profile  
spring.zipkin.enabled=false

And in “application-tracing.properties” enable zipkin

spring.sleuth.sampler.probability=1  
spring.zipkin.enabled=true