







Brick tel 10:15

Broduct Service User Survice

Features of Spring Cloud:-

- 1. Distributed/versioned configuration:- for eg if v2 of US is not compatible with v1 of PS, it will allow configuration in a way such that configuration which are compatible may work
- 2. Service registration & discovery:- server will know what are the 2 instances of PS or 3 instances of US
- 3. Routing:- correctly routing the req to correct server. Spring Cloud allows you to create your own API Gw by using a Spring Cloud Project. if you are not using AWS or any other means
- 4. Service-to-Service calls: One service calling other services. If I go via API GW, it will add latency 5. Circuit Breakers:- Circuit Breakers is one of the patterns of MicroServices(MS)-> how to know if the other MS is down, you donot have to write the code, Spring Cloud has already that particular thing

6. Load Balancer

Spring Cloud is not just one library, it is a set of libraries. Within Spring they are multiple libraries. Spring Azure, Spring AWS -> it will make easy for you to work with AWS functionality. Spring Messaging API implementation -> SQS. ElasticCache(AWS's Redis), if you will host MongoDB, or Redis then use ElasticCache

If you want to deploy your MS envt in Kubernetes -> then use Spring Cloud Kubernetes

Spring Cloud

For Eureka server, you have to do only these 2 things -> 1. set client: registerWithEureka: false fetchRegistry: false

and 2. @EnableEurekaServer