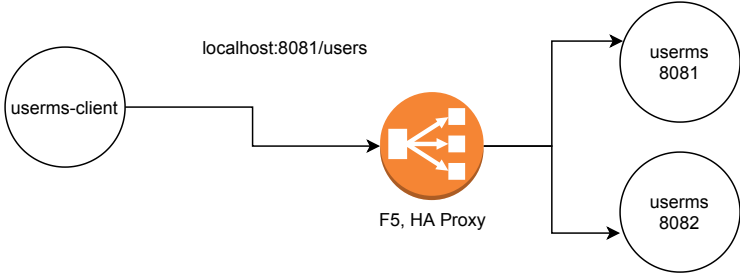
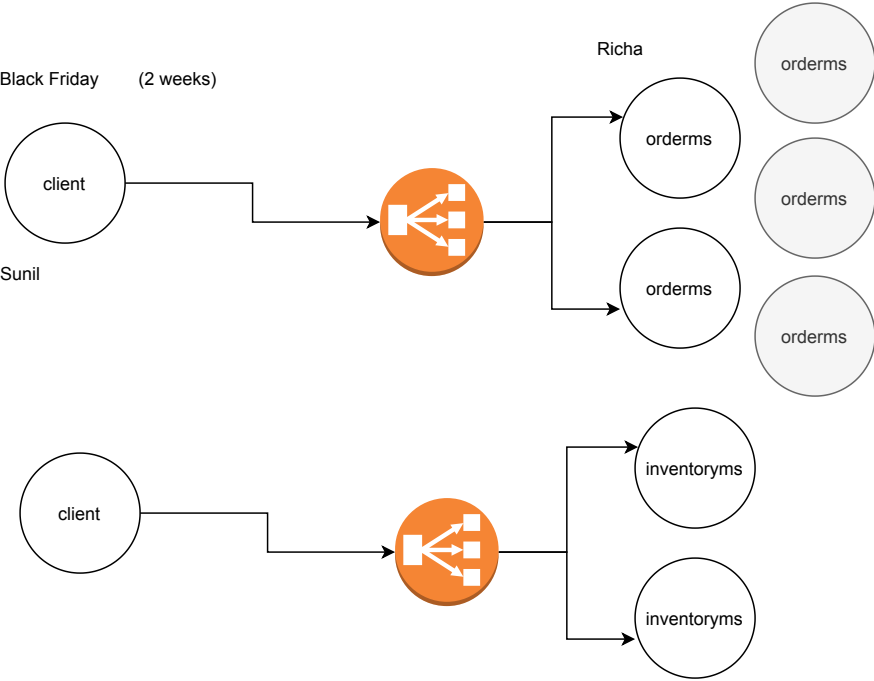


100 microservices

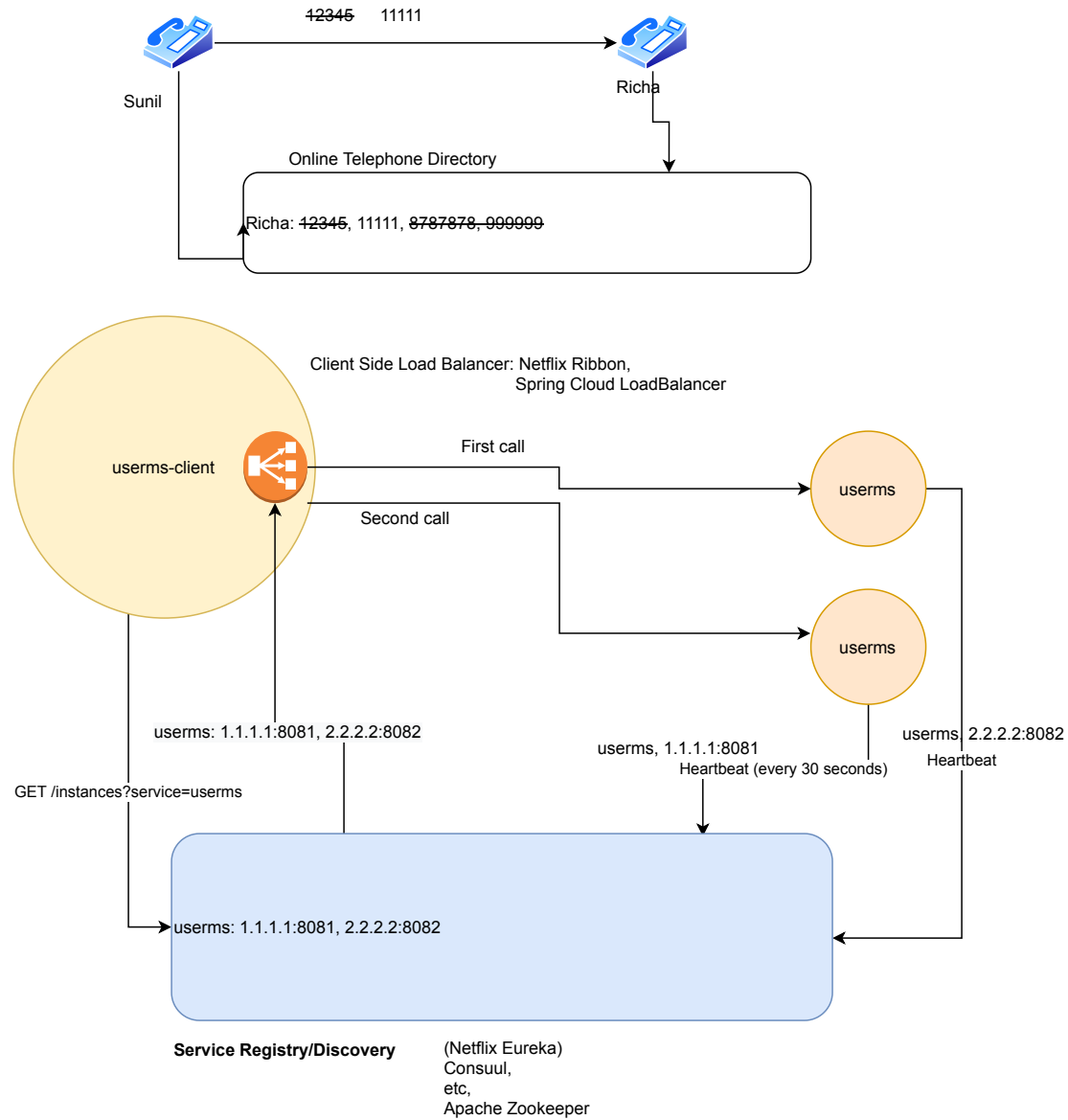
- 1. Large number of microservices
- 2. Dynamic Scaling (Scale out and Scale in) (Horizontal Scaling)



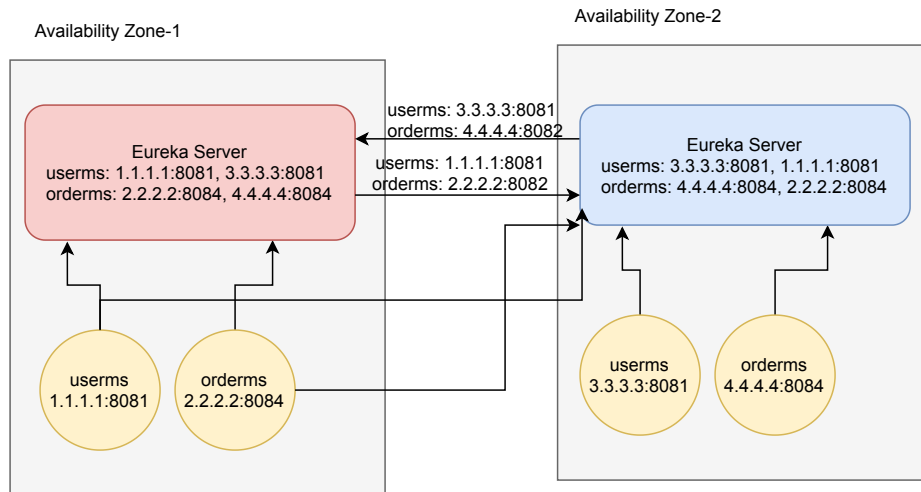
Diwali Sale Season, Black Friday (2 weeks)



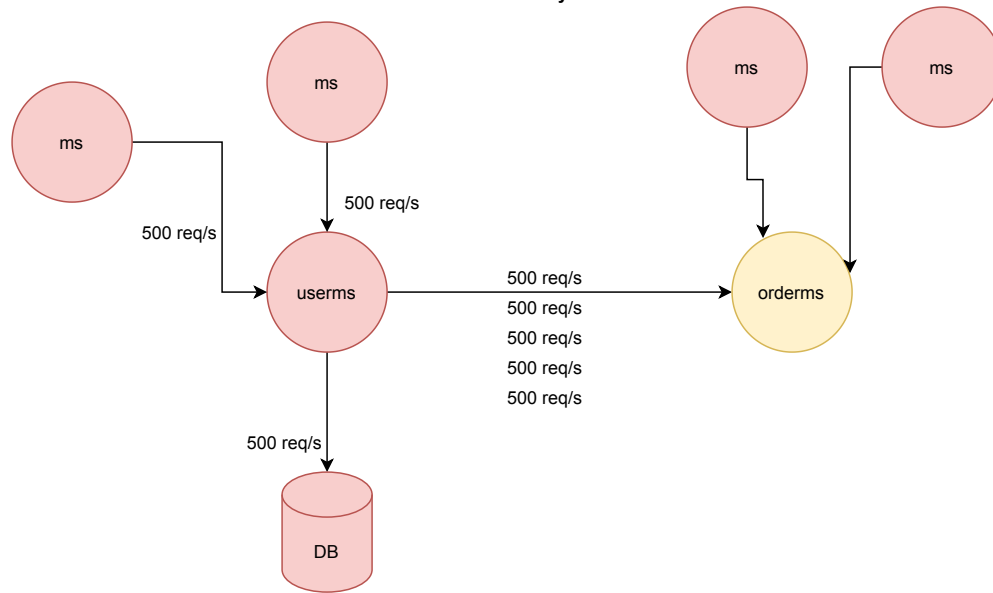


**Service Registry/Discovery + Client Side Load Balancing**



**Eureka (Peer Aware)**



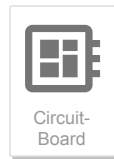
**Resiliency**





**Circuit Breaker**

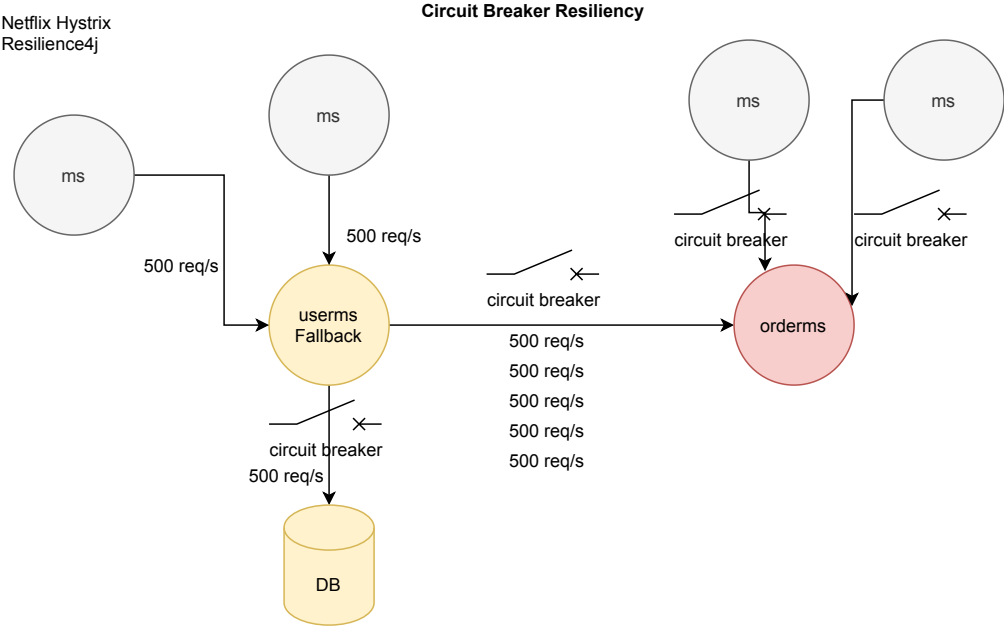
Kiran buys an expensive TV



$V=110v \rightarrow 220v$   
 $R=22ohm$   
 $i=5Amp \rightarrow 10 Amp$



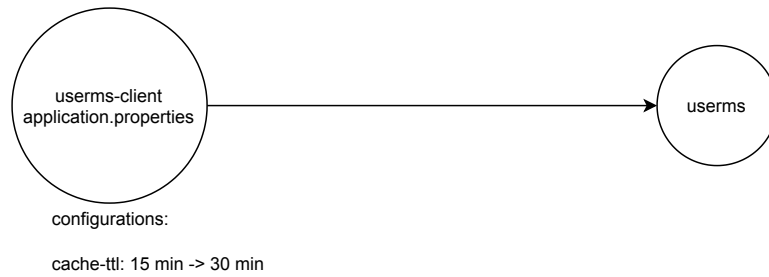






**Configuration Management**

100 microservice x 5 instances = 500 instances

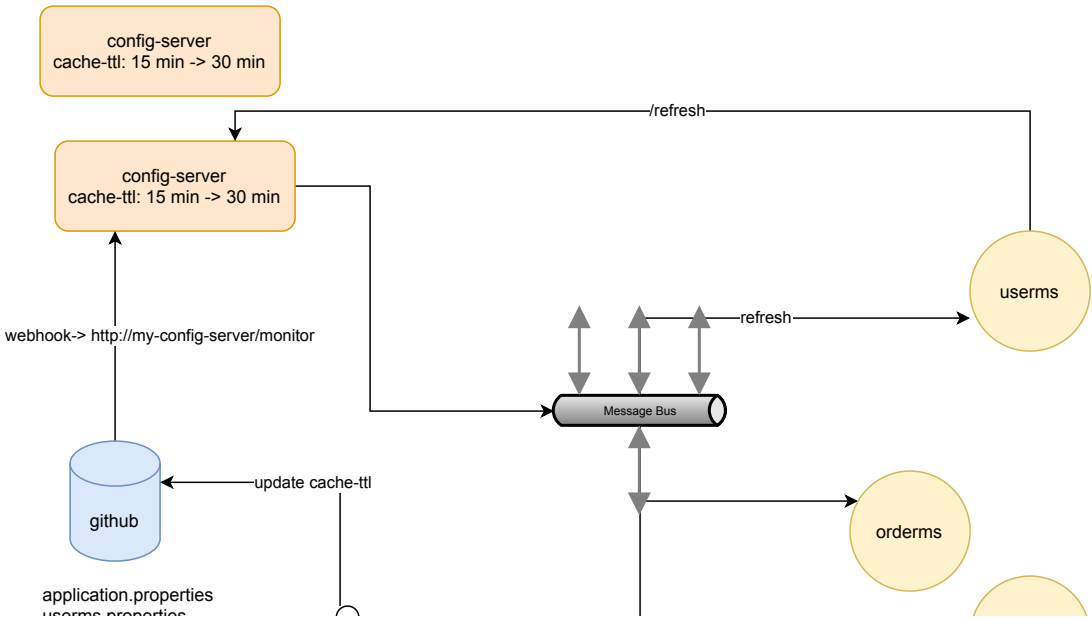
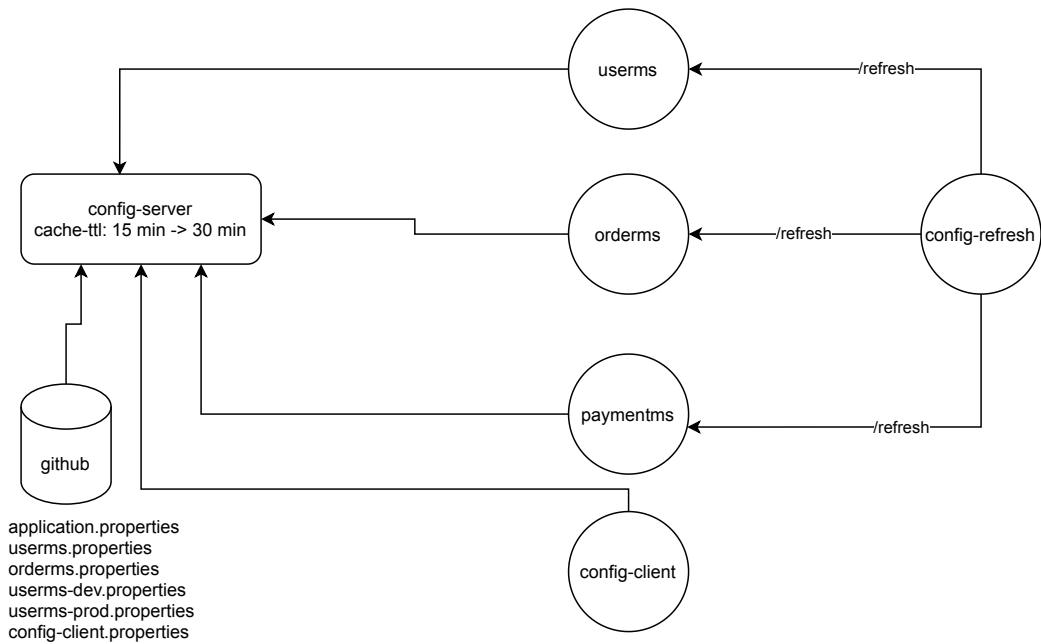


External Configuration:

cache-ttl: 15 min -&gt; 30 min



Config-Server



userms.properties  
orderms.properties  
userms-dev.properties  
userms-prod.properties





