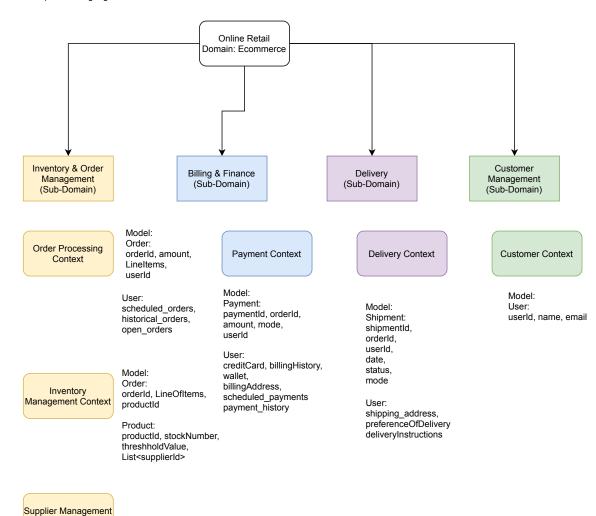
API Gateway Cross Cutting Concerns: (Netflix Zuul, Spring Cloud Gateway) Distribute Tracing: Sleuth Trace Visualization: Zipkin Logging Distributed Tracing URL Hiding Security inventoryms 100 microservice x 5 instances = 500 instances 5. Audit GET /dummy/users -> 1.1.1.1:8081/users GET /userms/users reqld-123, spanld-789, inventoryms http://myecomm/dummy/users GET /dummy/users userms inventoryms eureka-server 1.1.1.1:8081 2.2.2.2:8080 orderms API Gateway Load Balancer config-server orderms shipmentms **API** Gateway requestld, spanId, ms-name reqld-123, spanld-456, orderms reqld-123, reqld-123, apigateway paymentms paymentms

reqld-123, spanld-abcd, paymentms

Domain Driven Design

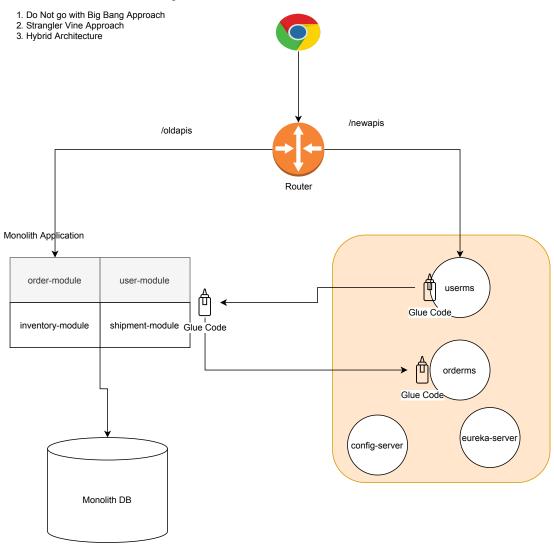
- 1. Domain/Subdomain
- 2. Context/Bounded Context
- 3. Model
- 4. Ubiquitous Langauge

Context

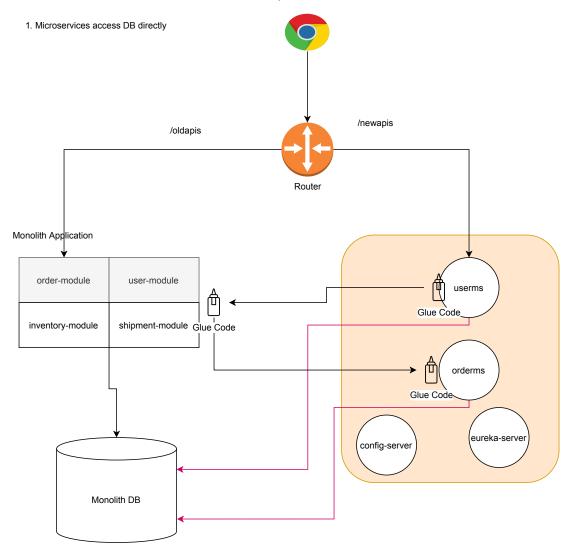


3/18

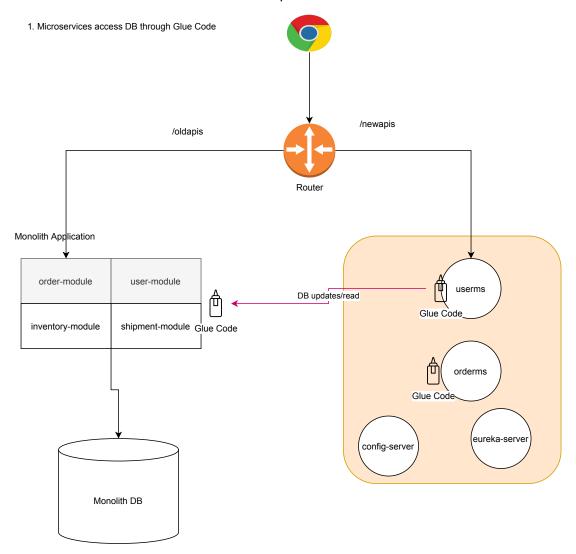
Migration from Monolith to Microservices



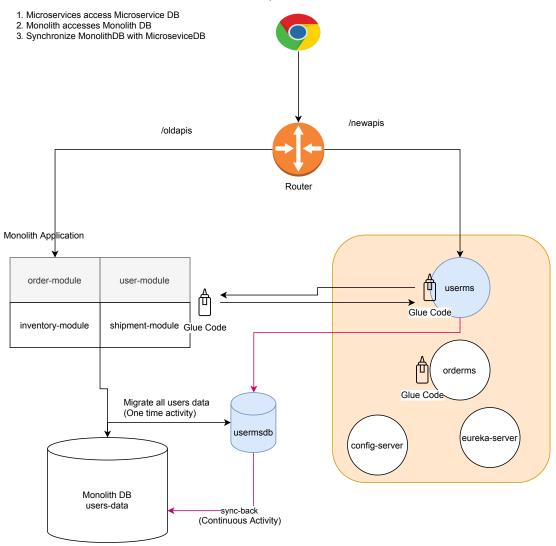
Database Access Technique# 1

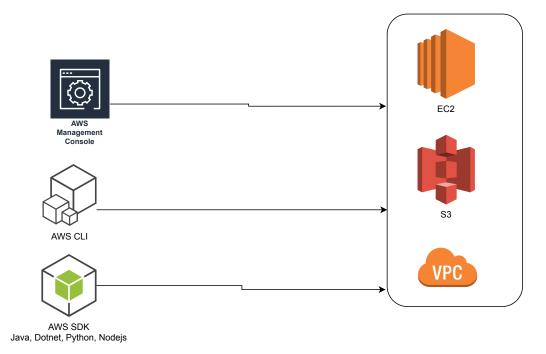


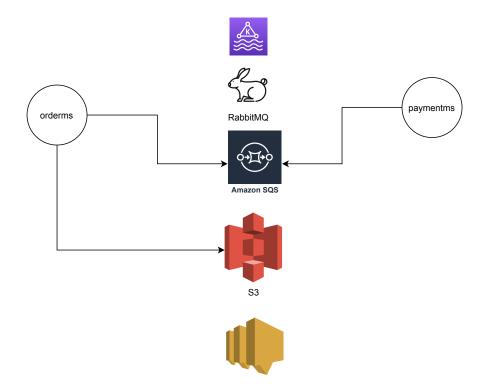
Database Access Technique# 2



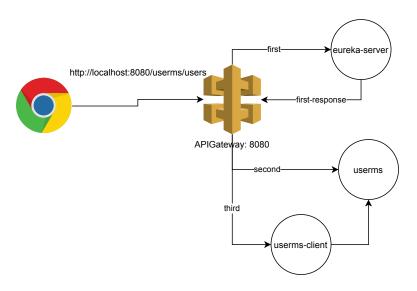
Database Access Technique# 3







SNS



Spring Cloud Stream

(Event Driven Arhitecture)

