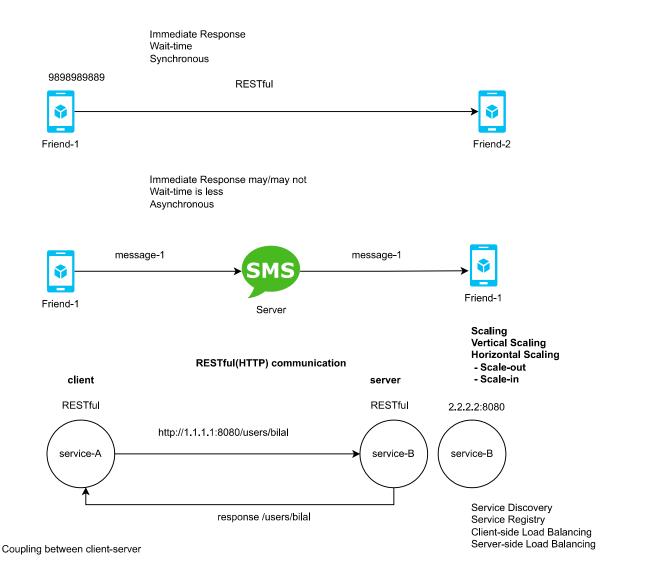
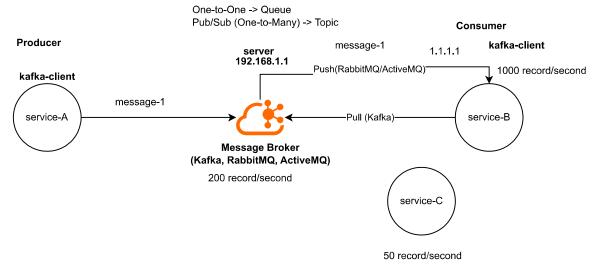
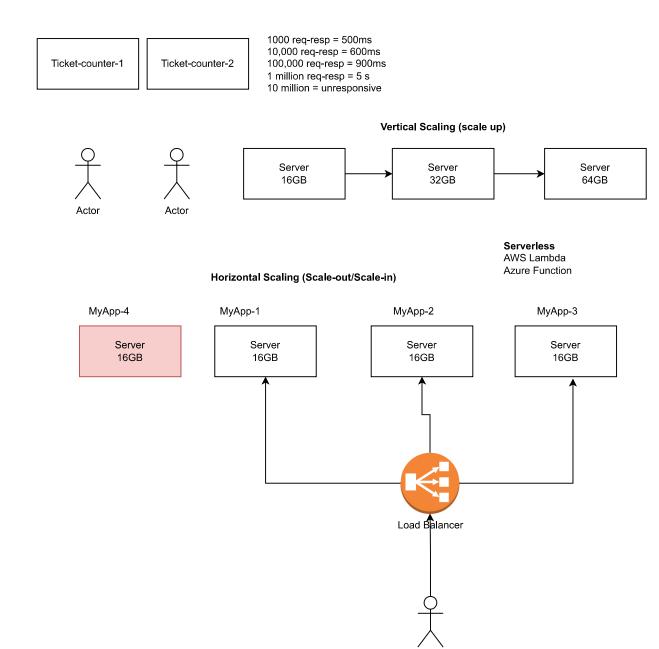
## Introduction to Kafka





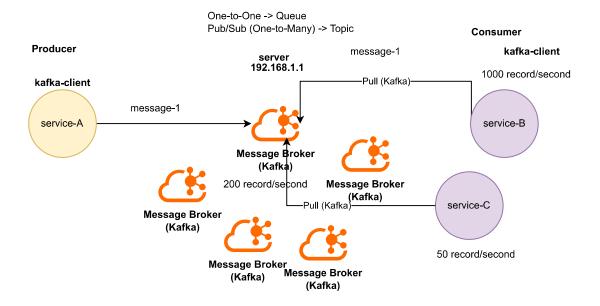


Actor

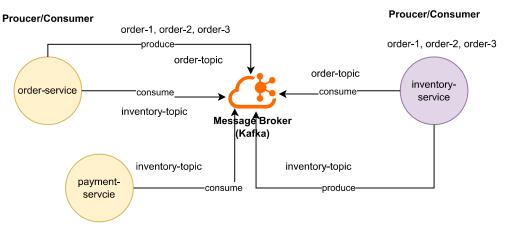
Message Retention: **7 days** 1000events x 3600second

1000events x 3600second x 24hour x 7 days x 500 bytes = 302 GB

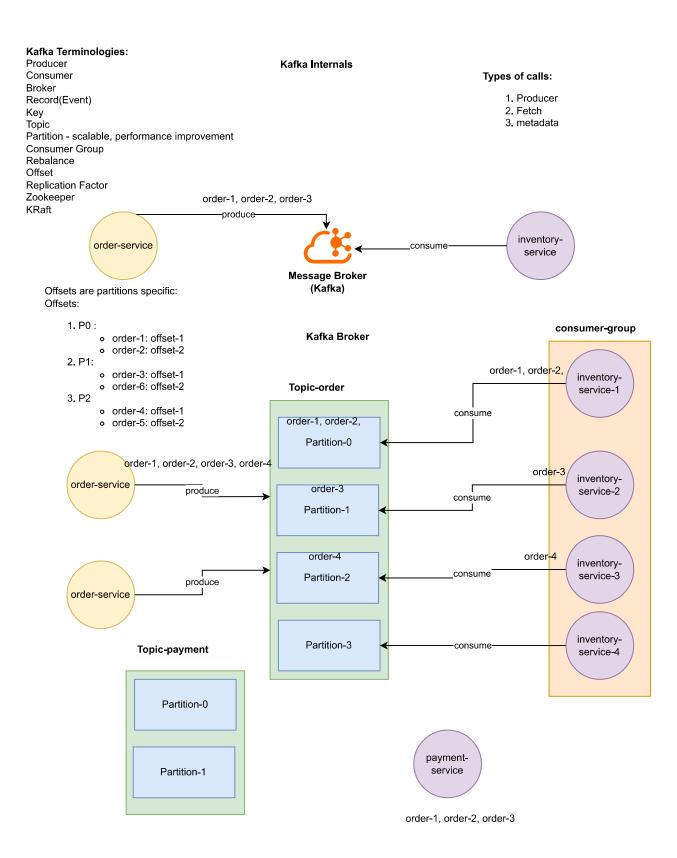
Kafka is distributed message broker with high throughput, low latency, resiliency, performant

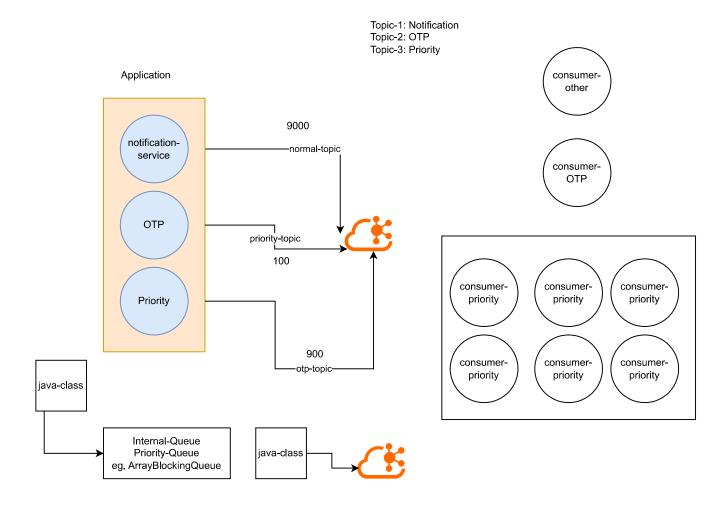


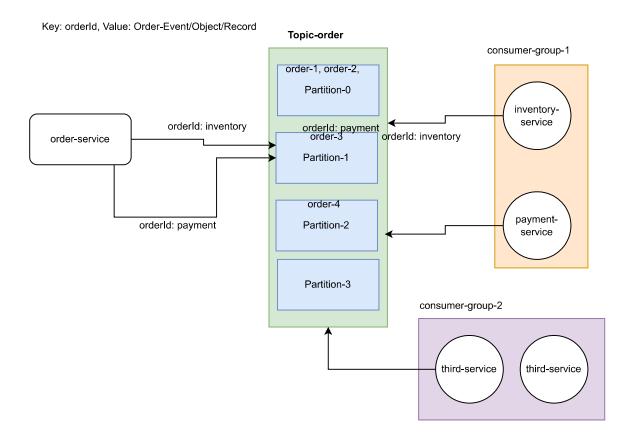
## **Event Driven Architecture**



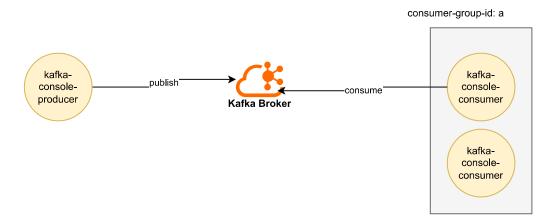
Proucer/Consumer







## Kafka Handson



## **Replication Factor**

Brokers# 6; Topic: mytopic; Partitions: 10; Replication Factor: 3

Parition- 10 x 3 / 6-Broker = 5 replicas per broker

