Scaling Out with Queues and Message Brokers



Rag Dhiman
PLURALSIGHT AUTHOR
@ragdhiman

Overview



Queues and Message Brokers

Globoticket architecture

Setting up queues and message brokers

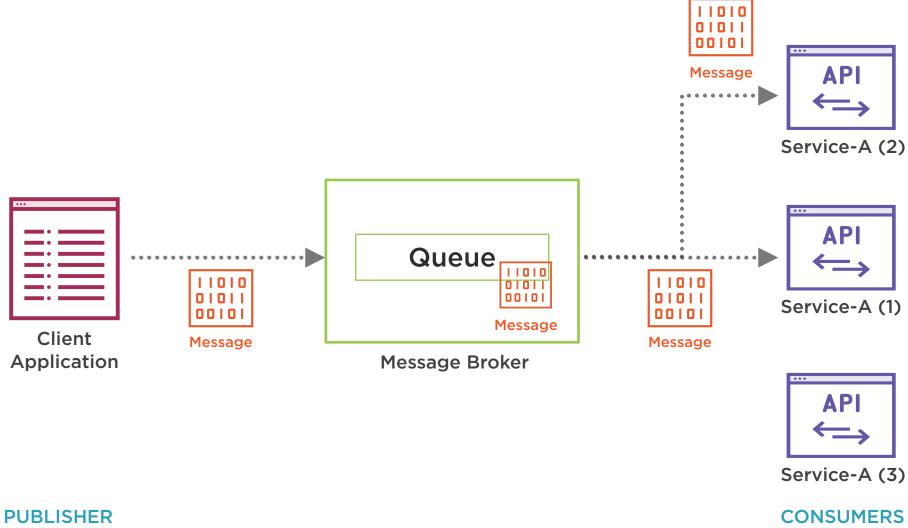
Testing scalability and availability



Queues and Message Brokers

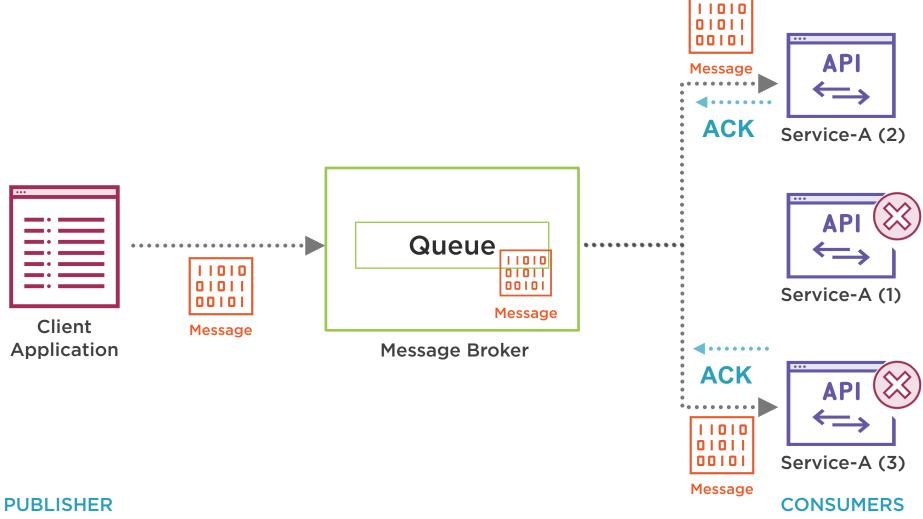


Scalability with Queues and Message Brokers



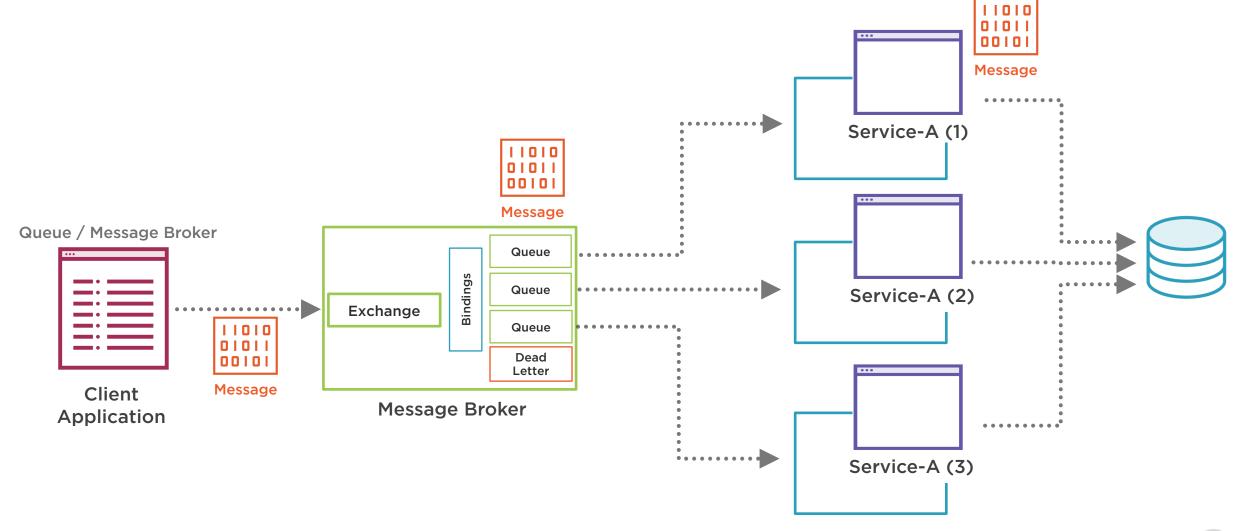


Availability with Queues and Message Brokers



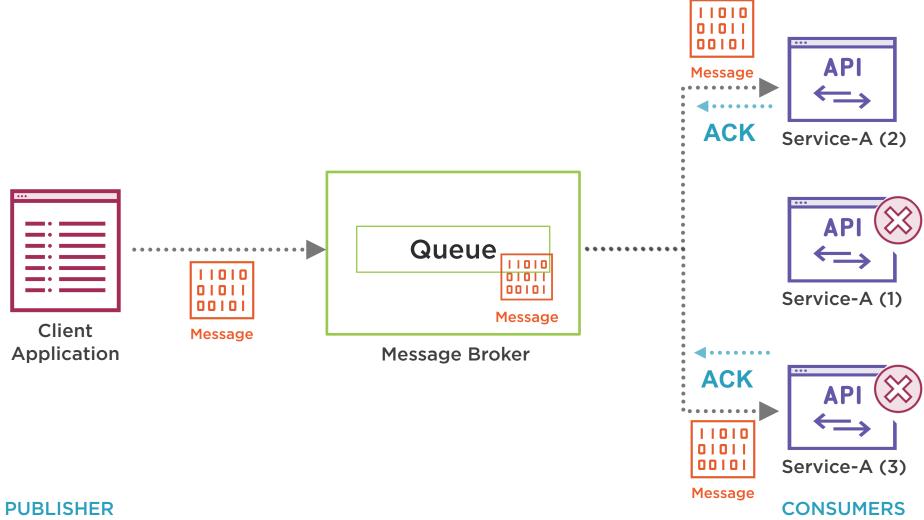


Advanced Setup





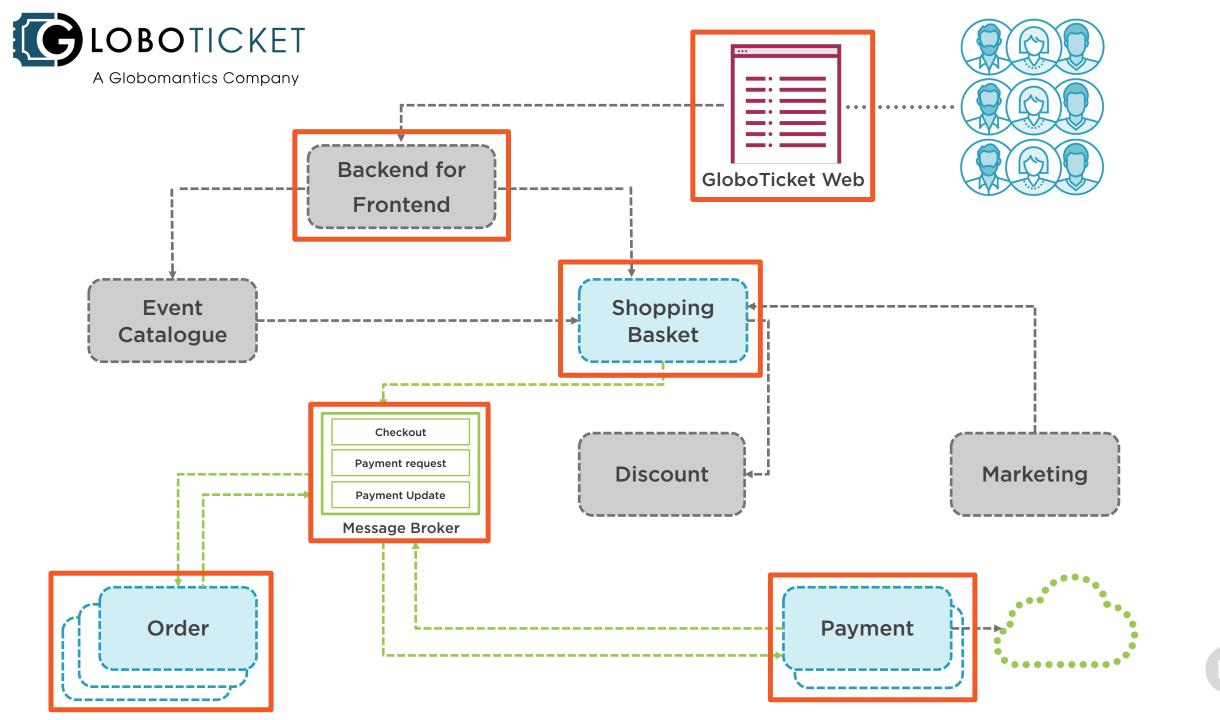
Worker Queue Pattern





Globoticket Architecture





Demo



Setting up queues and message brokers

- RabbitMQ
- Exchanges, queues, and messages
- Code walk through



Demo



Testing scalability and availability

- Scaling out by adding new instances
- Avoiding failed instances



Summary



Queues and Message Brokers

Globoticket architecture

Setting up queues and message brokers

Testing scalability and availability

