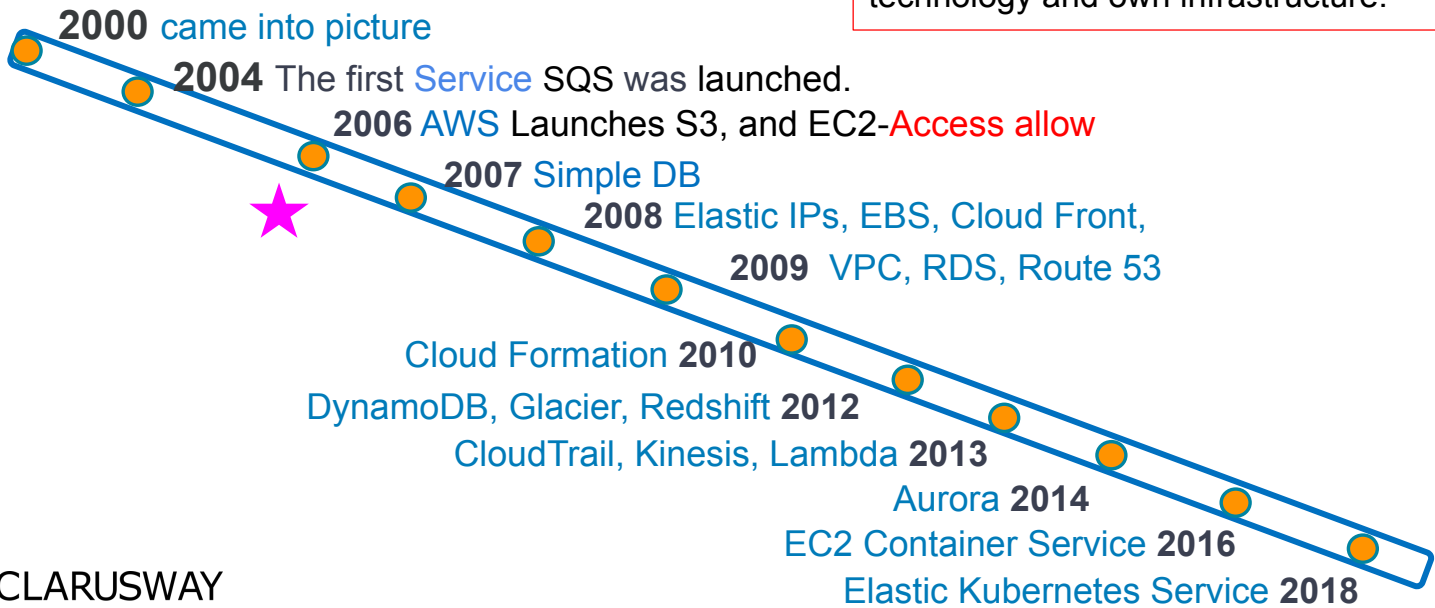


Introduction to AWS

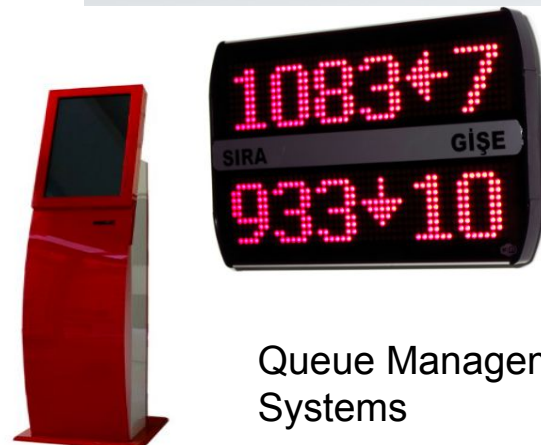
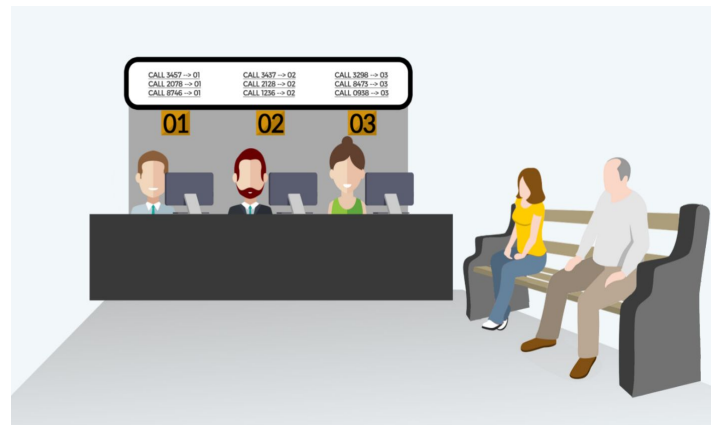
History of AWS

AWS launched its **first service** in 2004. Over the years, many new services were put into service. But in this diagram, **the real breaking point started in 2006**, when AWS allowed developer begin to access to Amazon's own back-end technology and own infrastructure.



1

CLARUSWAY
WAY TO REINVENT YOURSELF



Queue Management
Systems



synchronous



- message is picked synchronously
- ELB doesn't care about the consumer capacity



asynchronous



- message wait to be picked for a while

Standart

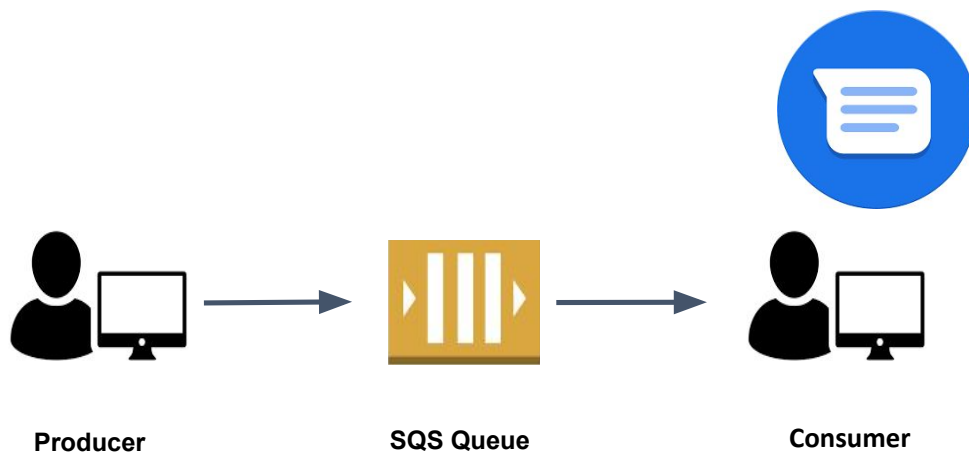
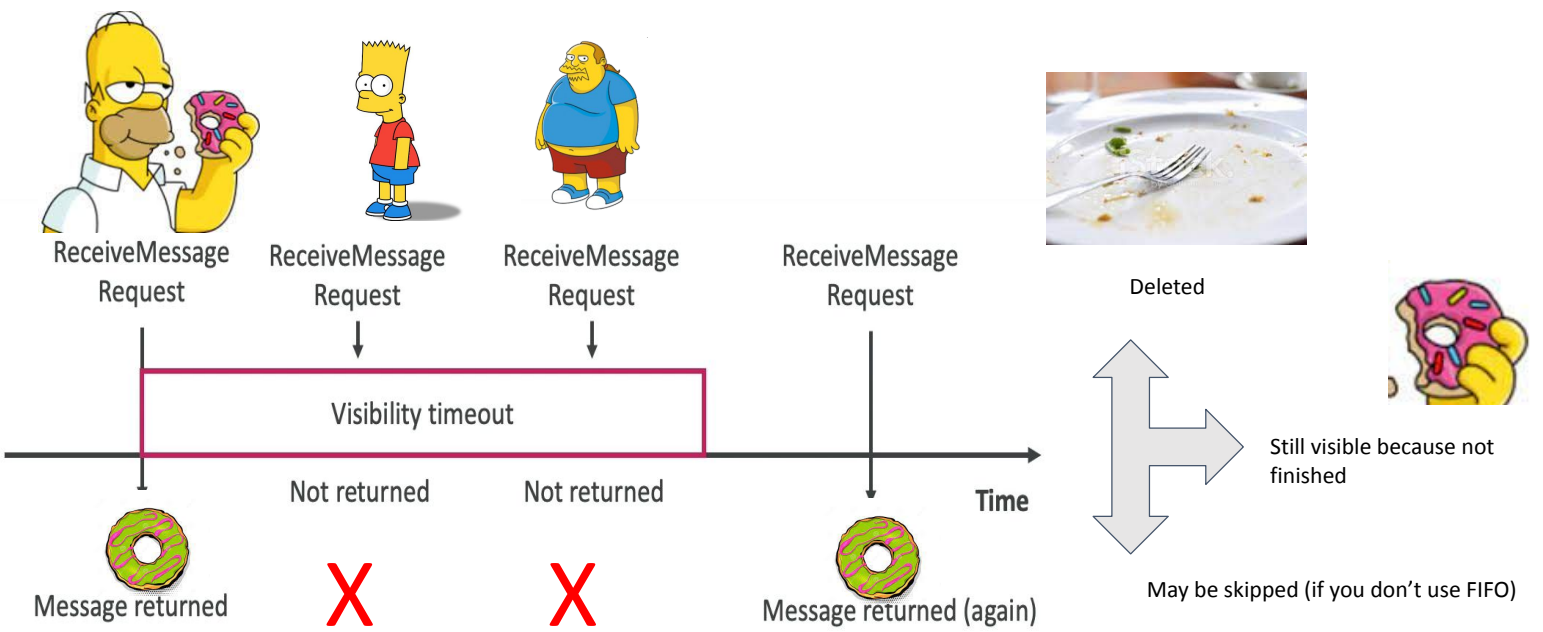


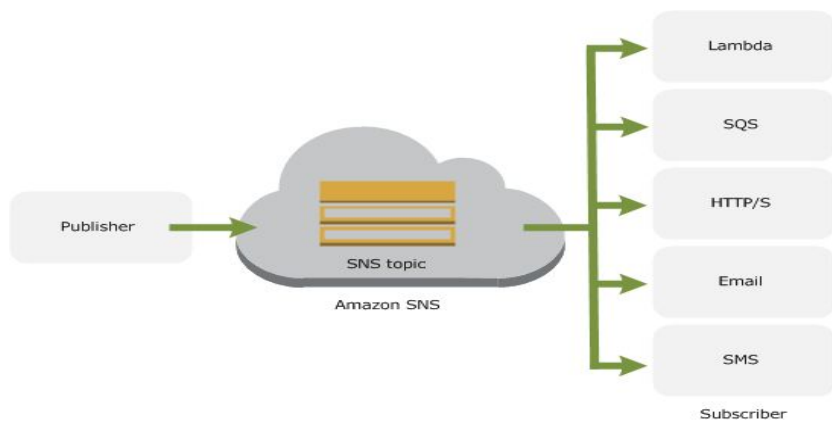
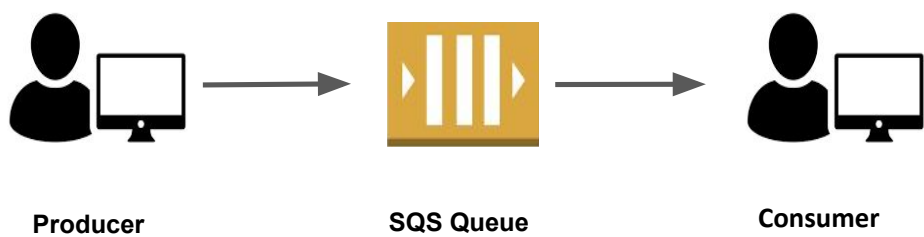
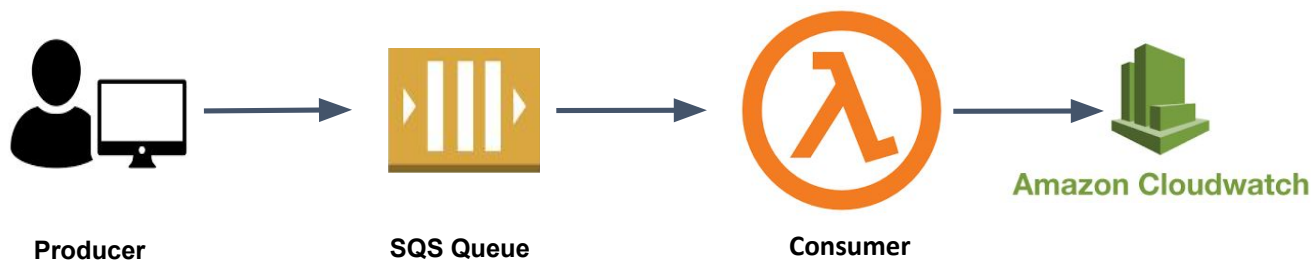
- High throughput - Allow all messages
- May duplicate
- Not guaranteed the right order

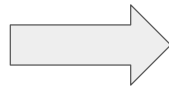
FIFO



- Limited throughput
- guaranteed right order
- guarantee single process







Topic name*****myfirsttopic



Display name****
osvaldodisplaysns



Publisher



**Amazon
SNS**

Topic



osvaldo@clarusway.com



Subscriber



EventBridge



Publisher



Amazon
SNS

Topic



osvaldo@clarusway.com



Subscriber



Personel



customer



www.e-commerce.



User Pool



Amazon
SES

trigger



AWS
Lambda

VPC



Web Server work in EC2
machine

(**nginx-apache httpd**)

- Auto Scaling
- Load Balancing

- Register domain name
of the website
- Publishing on Internet
- Routing –region-language

- Best seller images,
- Inventory List etc.

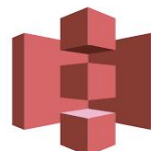
- Data Log record
- Customer info
- System Backups



EC2



AWS
Route 53



S3



RDS

