

EC2 = Elastic Compute Cloud

- Scalable
- On-demand
- Compute Capacity in C64
- Virtual server

EC2	AWS Lambda	AWS ECS	AWS EKS
Traditional OS	Short running Serverless Event driven	Run Docker based workload	

If you want to manage \Rightarrow EC2
 If not \Rightarrow Fargate AWS

Compute As A Service

Instance family
 Instance Types:

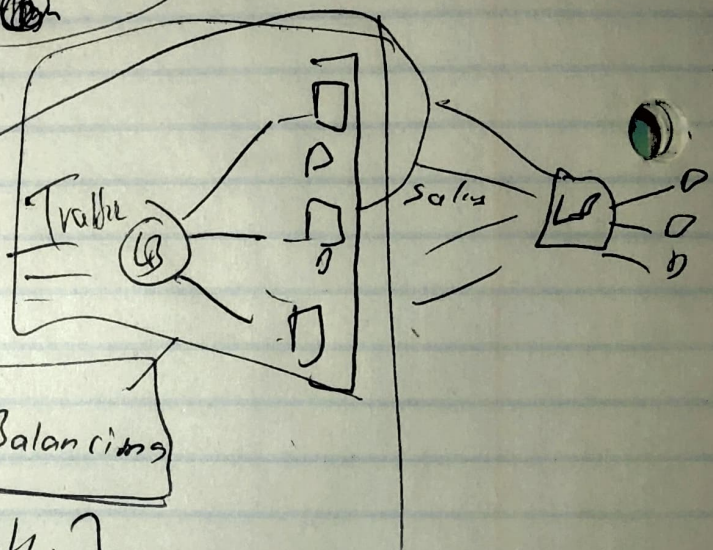
CAAS

- General Purpose
- Compute optimized - ~~from~~ HPI
- Memory optimized - High performance db
- Accelerated computing - Graphic
- Storage optimized - ~~1000~~

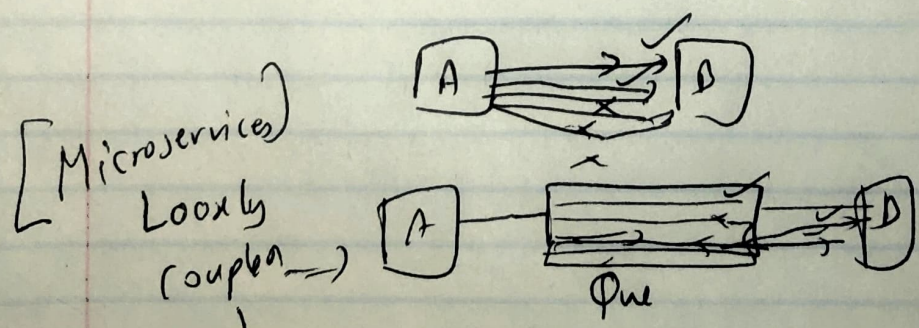
Pricing

- On Demand hourly
- Savings Plan 22% Disc but should use for long term
- Reserved Inst 75% Disc
- Spot Inst 1 year / 3 year
- Dedicated Host minimum 6 months

- Auto Scaling
- Load balancing \Rightarrow Elastic Load Balancing



Tightly coupled [Monolithic]



Amazon Simple Queue Service (SQS)
 Amazon Simple Notification Service (SNS)

send msg
 store
 receive