Cloud - Características
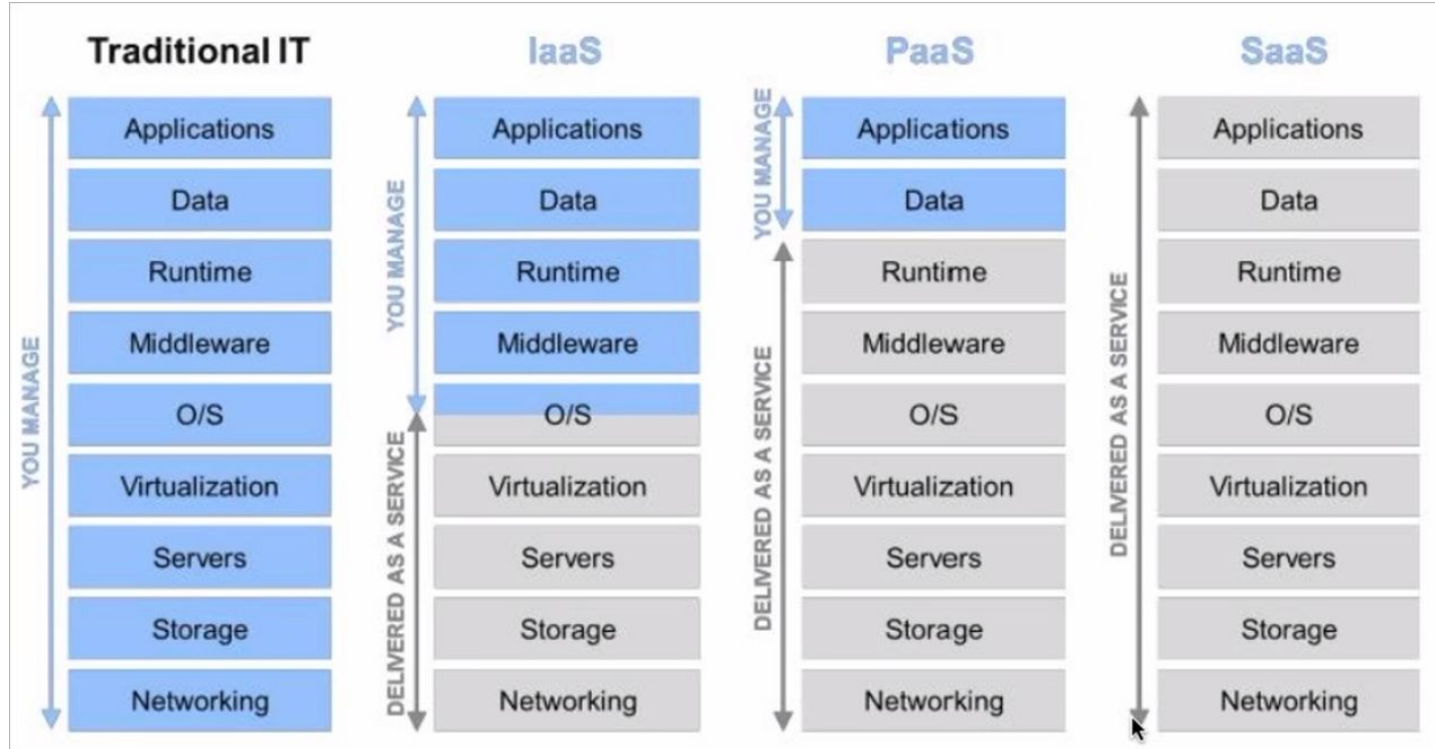
- On-demand self-service
- Broad network access
- Resource pooling
- Rapid elasticity
- Measured service
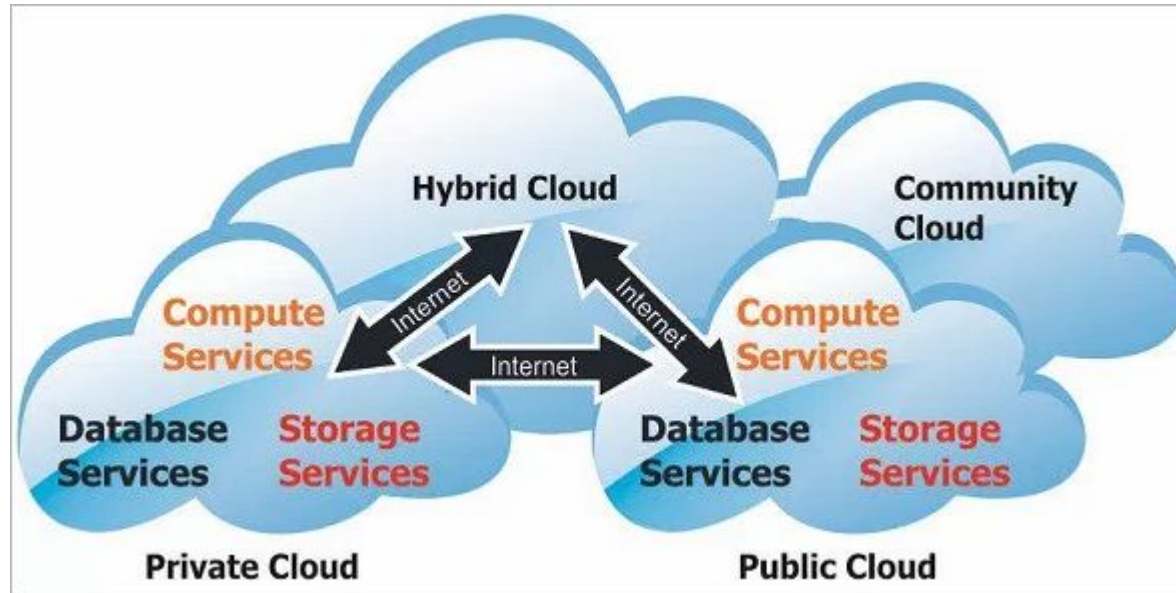
NIST National Institute of Standards and Technology
U.S. Department of Commerce

Cloud Service Models - IaaS, PaaS, SaaS

Cloud Service Models e Churrasco

Cloud Deploy Models

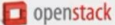# IaaS - Private - OpenStack

IaaS - Private - OpenStack

IaaS - Public - DigitalOcean

IaaS - Public - DigitalOcean

PaaS - Private - OpenShift

PaaS - Private - OpenShift

PaaS - Public - Heroku

PaaS - Public - Heroku

IaaS e PaaS - Private

IaaS e PaaS - Public
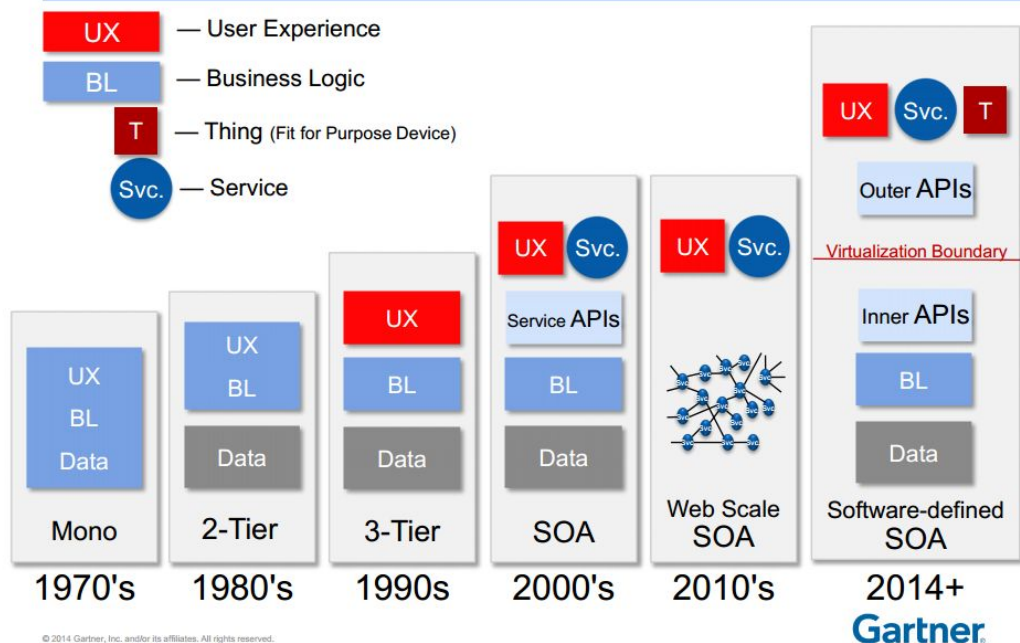
Arquitetura para Cloud

Arquitetura para Cloud
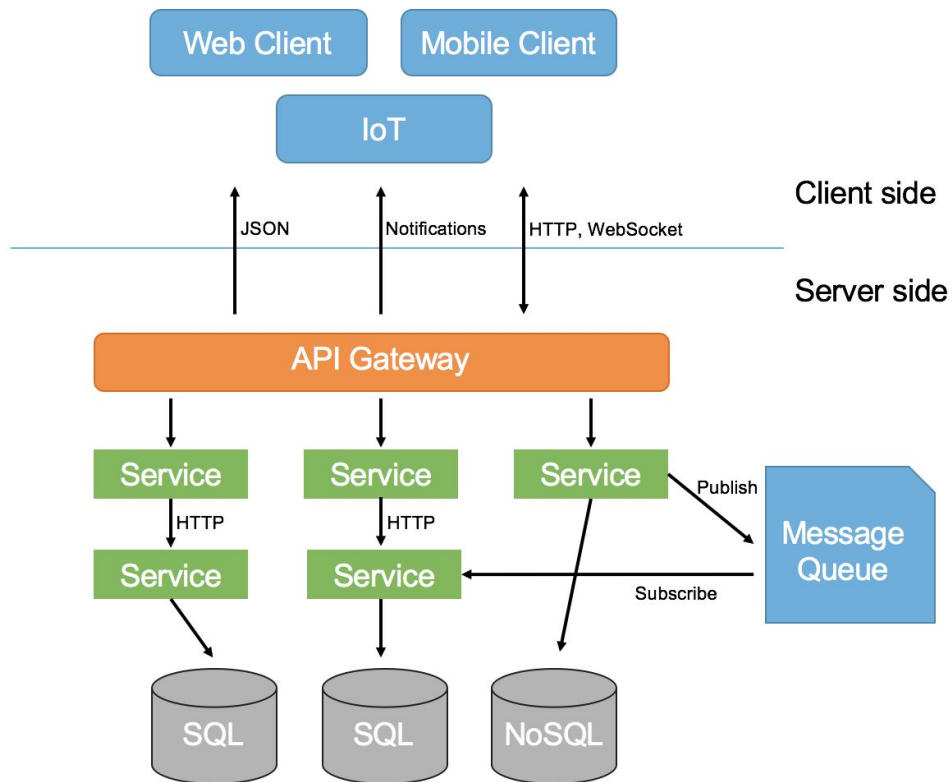
Micro serviço é mais produtivo

for less-complex systems, the extra baggage required to manage microservices reduces productivity

as complexity kicks in, productivity starts falling rapidly

the decreased coupling of microservices reduces the attenuation of productivity

Productivity

Microservice

Monolith

Base Complexity
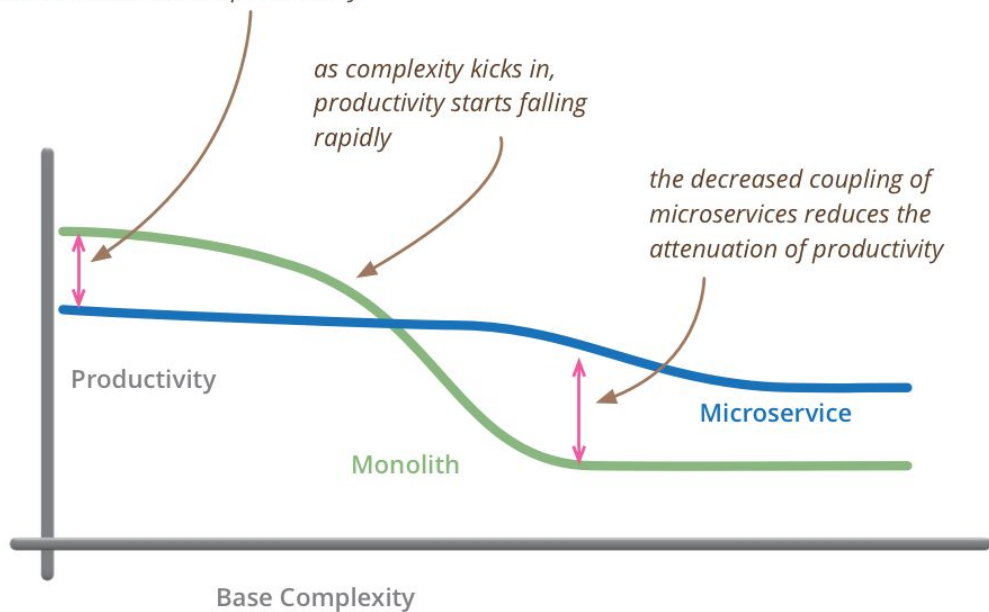
but remember the skill of the team will outweigh any monolith/microservice choice

Demonstração com Heroku

Exercício de Nuvem

Construa e publique uma aplicação em alguma nuvem pública.