

Introduction to Cloud Computing for Web Developers

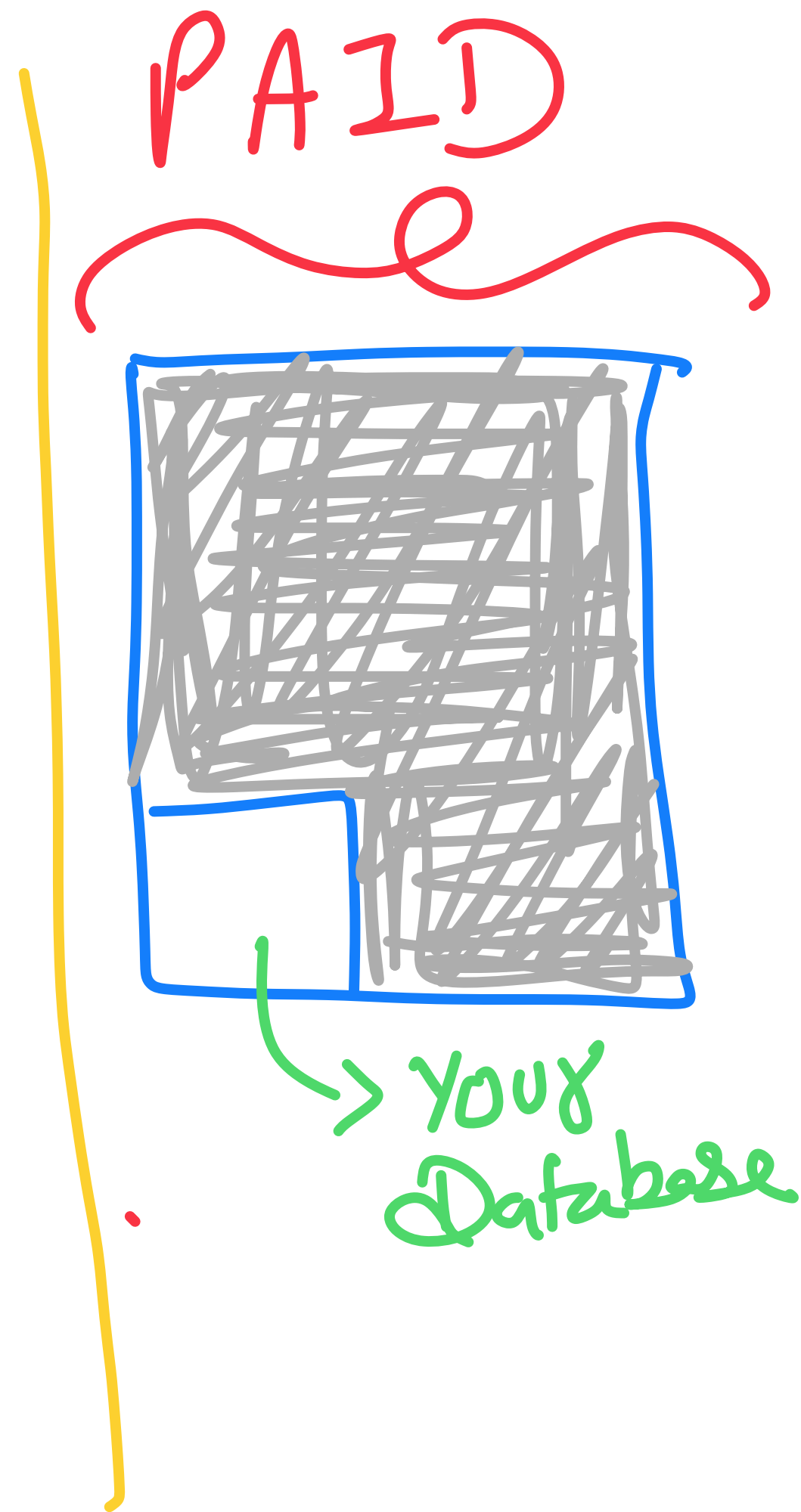
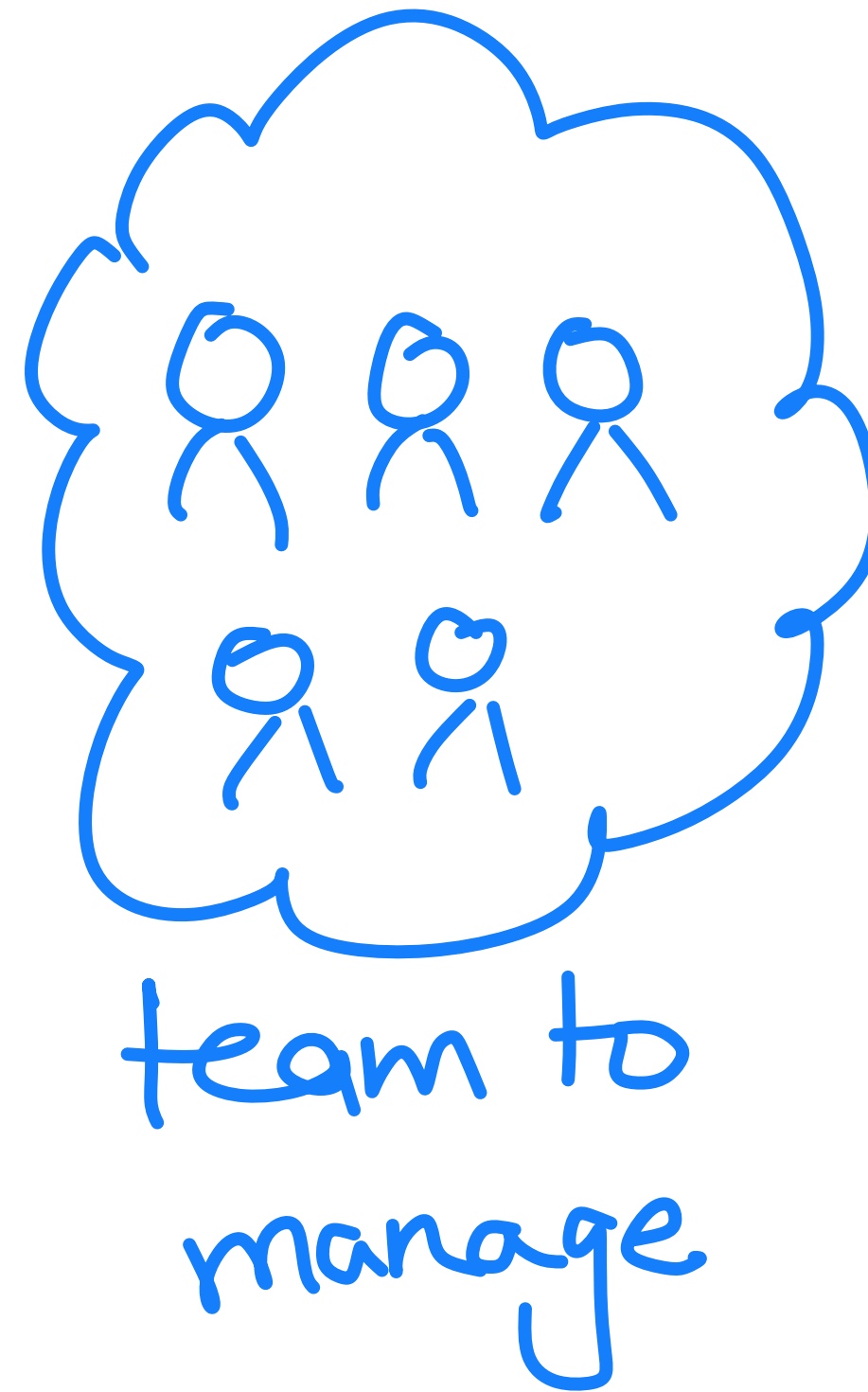
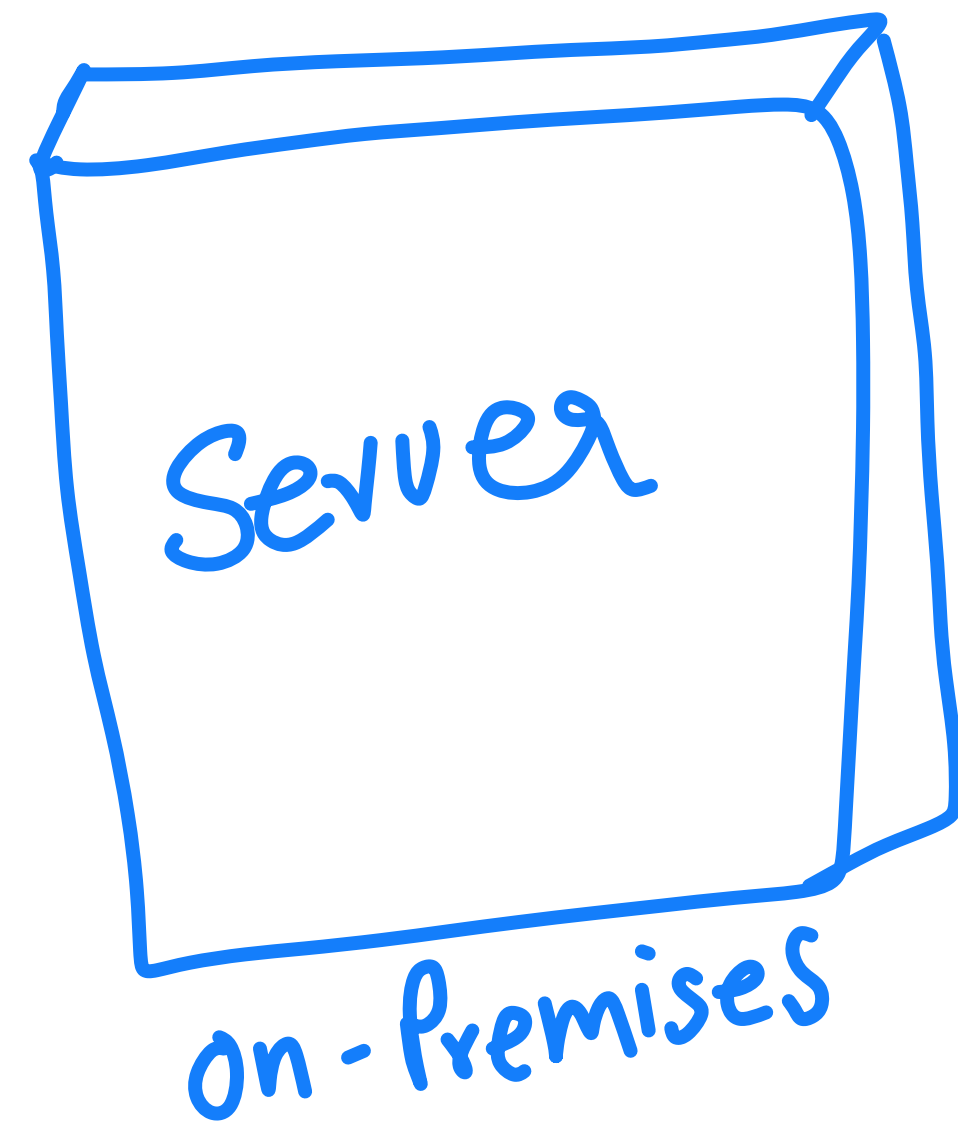
Introduction to AWS

Neha Sharma | 7th May 2021

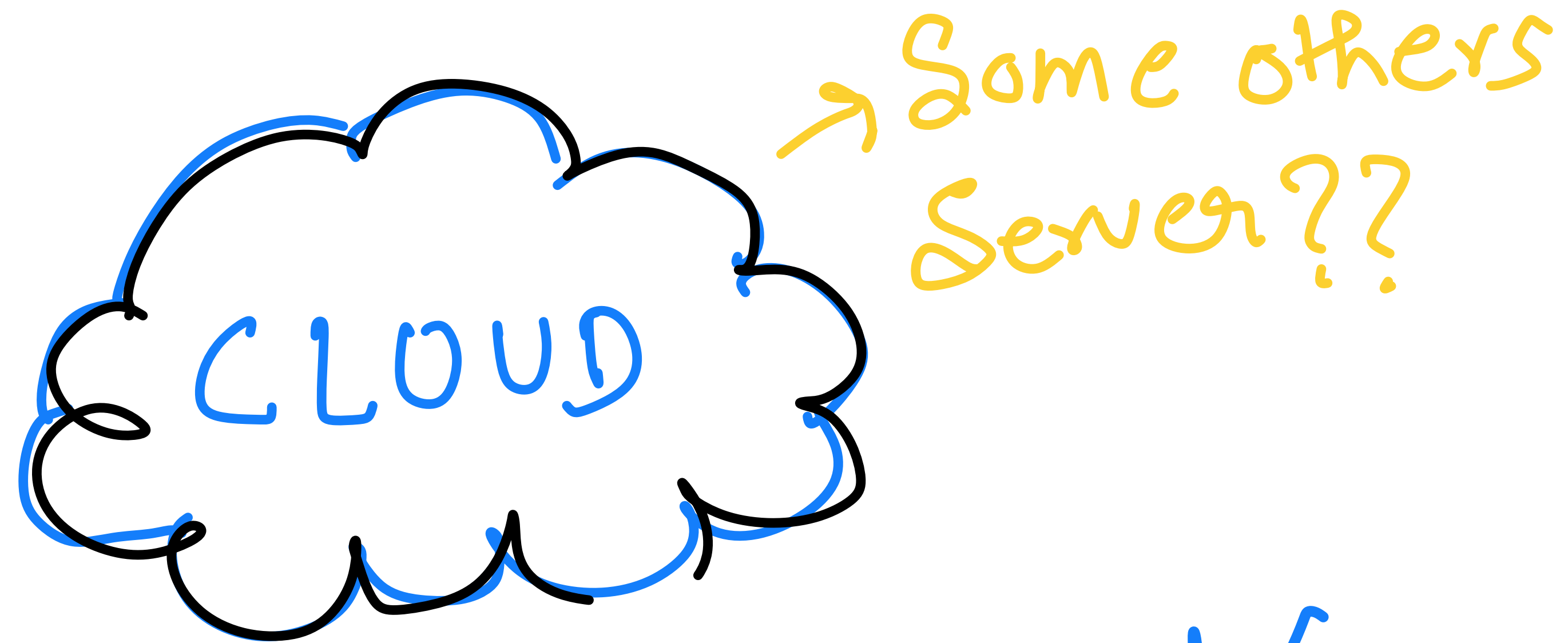
Agenda

- Traditional way
- Cloud way
- What and why
- Feature of Clouds
- Deployment
- Services
- Lab: S3 and EC2

Old way



What is cloud?



Rent / Buy / public / private / hybrid / more than
just a Server...

Why Cloud?

- ① Cost 
- ② Performance 
- ③ Availability 
- ④ Reliable
- ⑤ Agile 

- ⑥ Services
- ⑦ Support
- ⑧ a lot more
- ⑨ Security



Features of Cloud

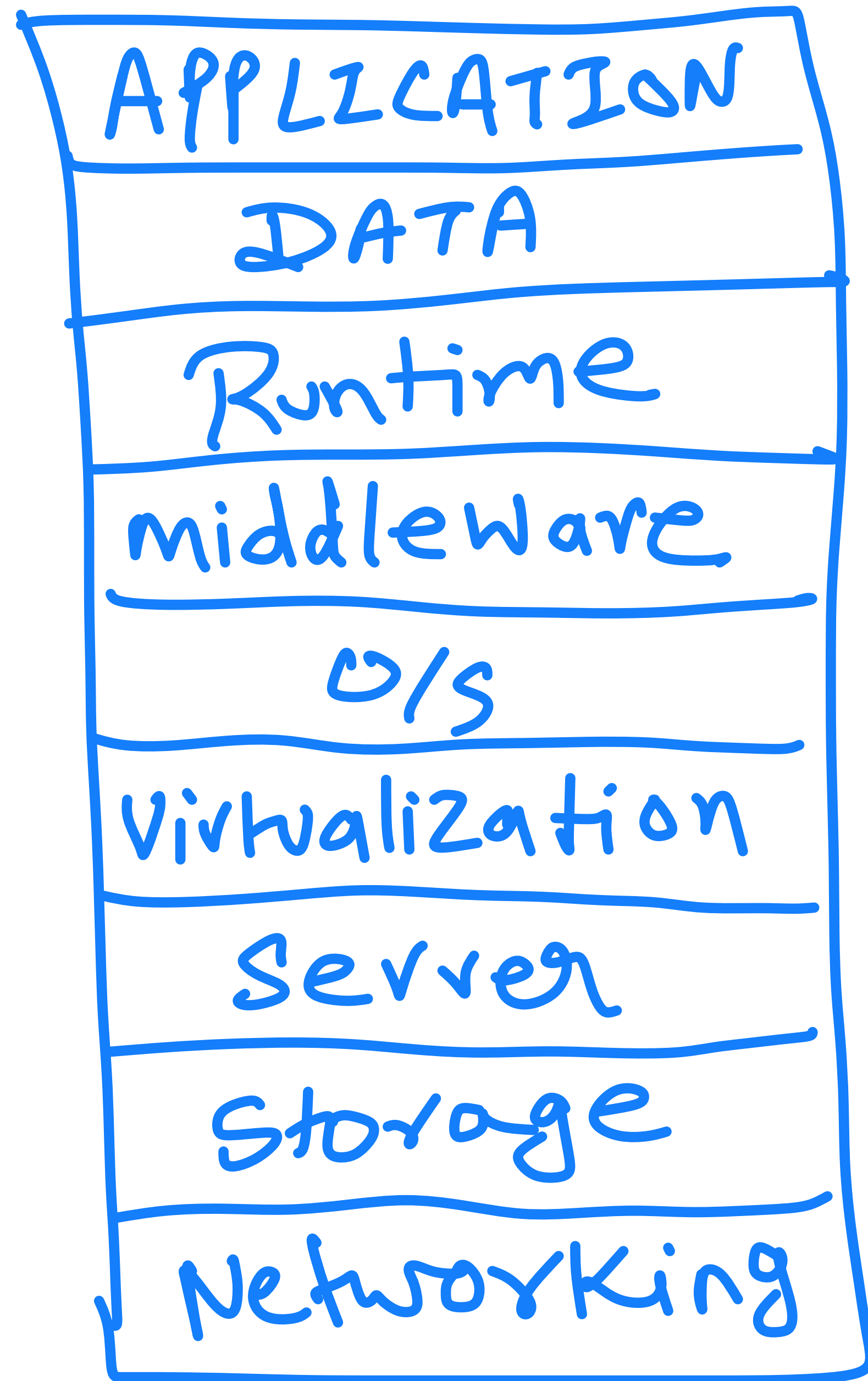
- Availability
- Reliability
- Cost Optimisation
- Performance Optimisation
- Security
- Agile

Type of Cloud

- Public *Shared* Space with the rest*
- Private *Your own private* Server*
- Hybrid *Mix of Public & private*

Type of Deployments

- IAAS → infrastructure as a Service
- PAAS → Platform as a Service
- SAAS → Software as a Service

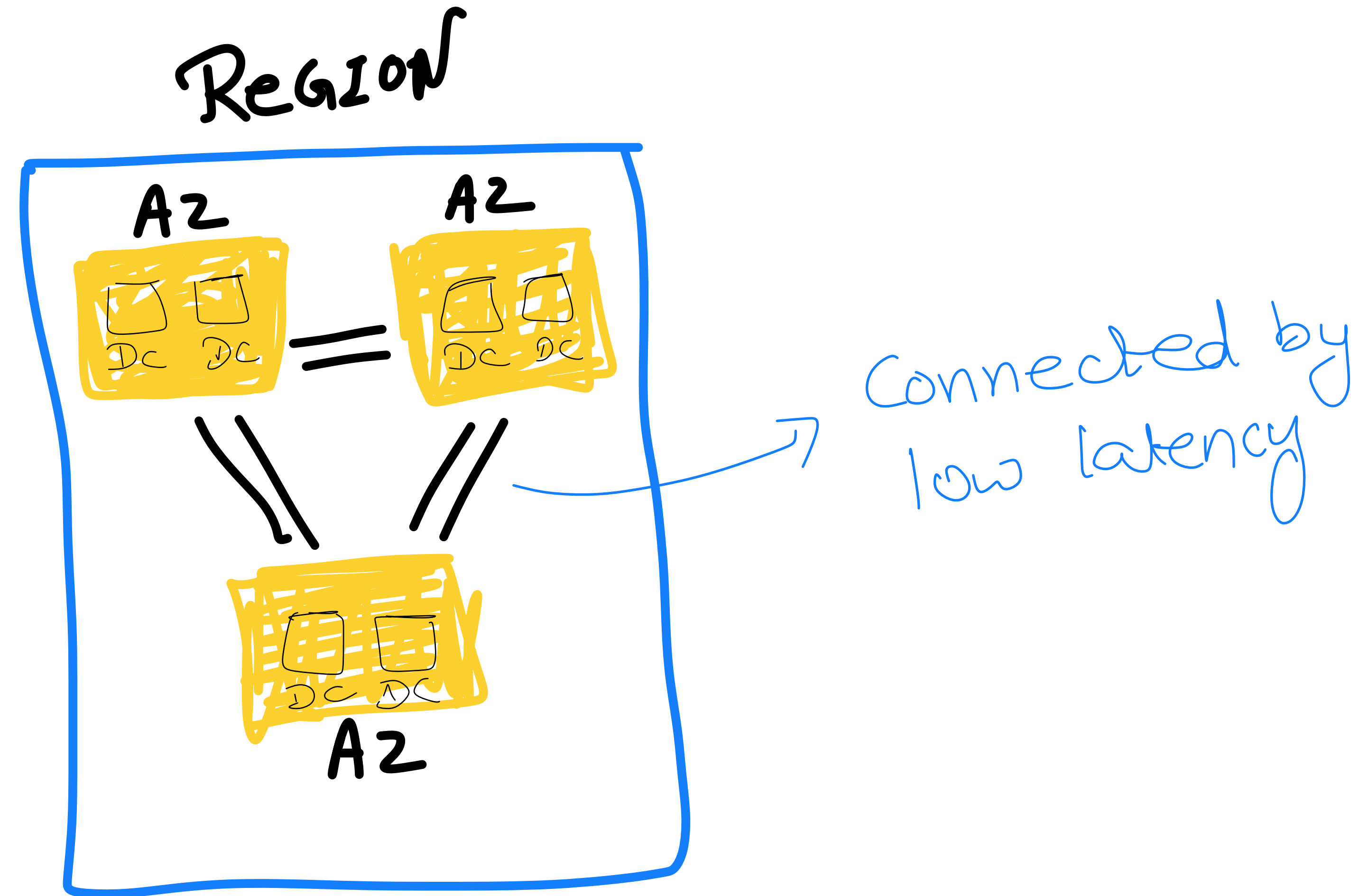


IAAS

PAAS

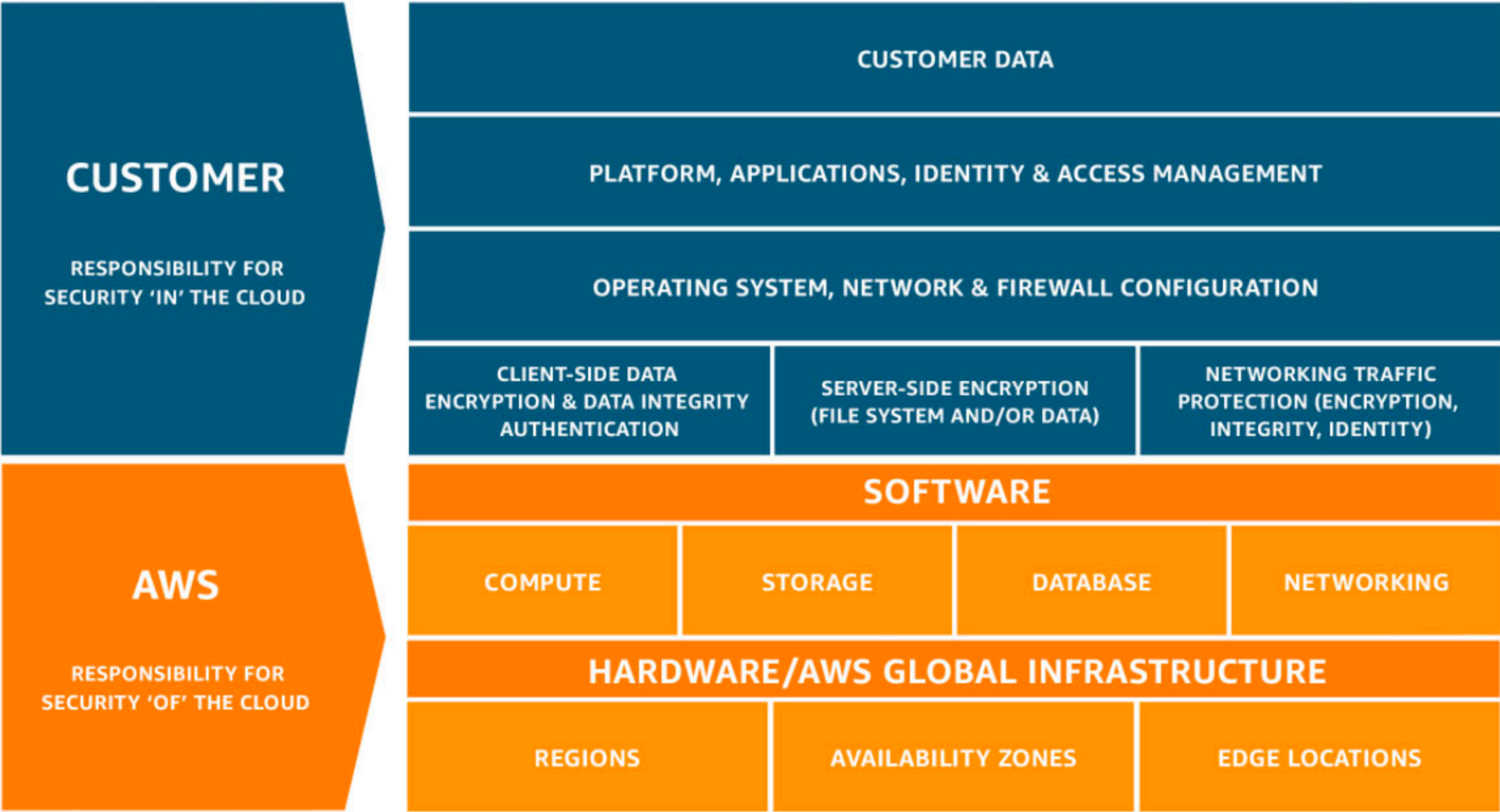
SAAS

Data Center, Availability Zone, Regions



Responsibility Shared Model

Cloud and Customers work on the responsibility shared model.
Cloud takes care of ‘security OF the cloud’ and customers take care of ‘security IN the cloud’



AWS Services

- Compute
- Storage
- Database
- Networking

Lab

- IAM
- S3
- EC2