Cloud Computing

It is use of remote servers on the internet to store, manage & process data rather than local servers.

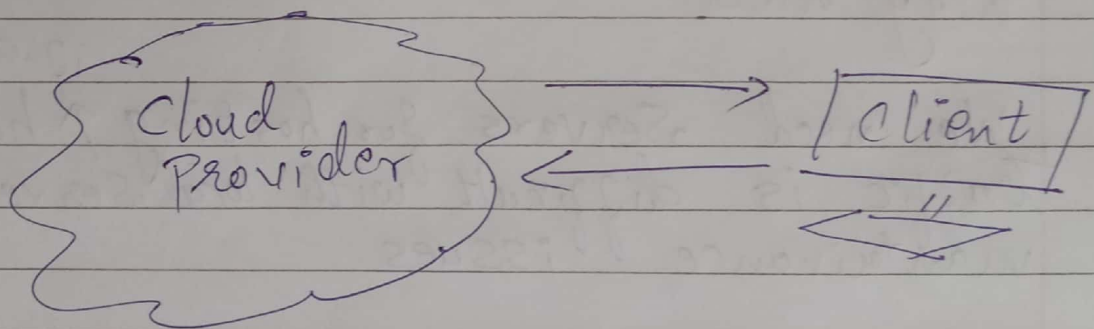As per demand use the utilities [servers] as per requirement.

Scalability - To manage heavy traffic.

In specific sessions we need to scale up & scale down the resources [IT resources]

Flexibility

Service Models.

- Infrastructure as a Service (Iaas)

- Operating System - As per choice of Customer they can choice OS windows Linux Macos

Provide infrastructure

Virtual machine & Storeage

I P addresses - it is provided.

Enhance Scalability

flexible

AWS login
↓
compute
↓
EC2

AWS.

Amazon Web Services

Why, What, Benefits

Why. AWS.

if we buy it

We need servers for hosting ↑ handling
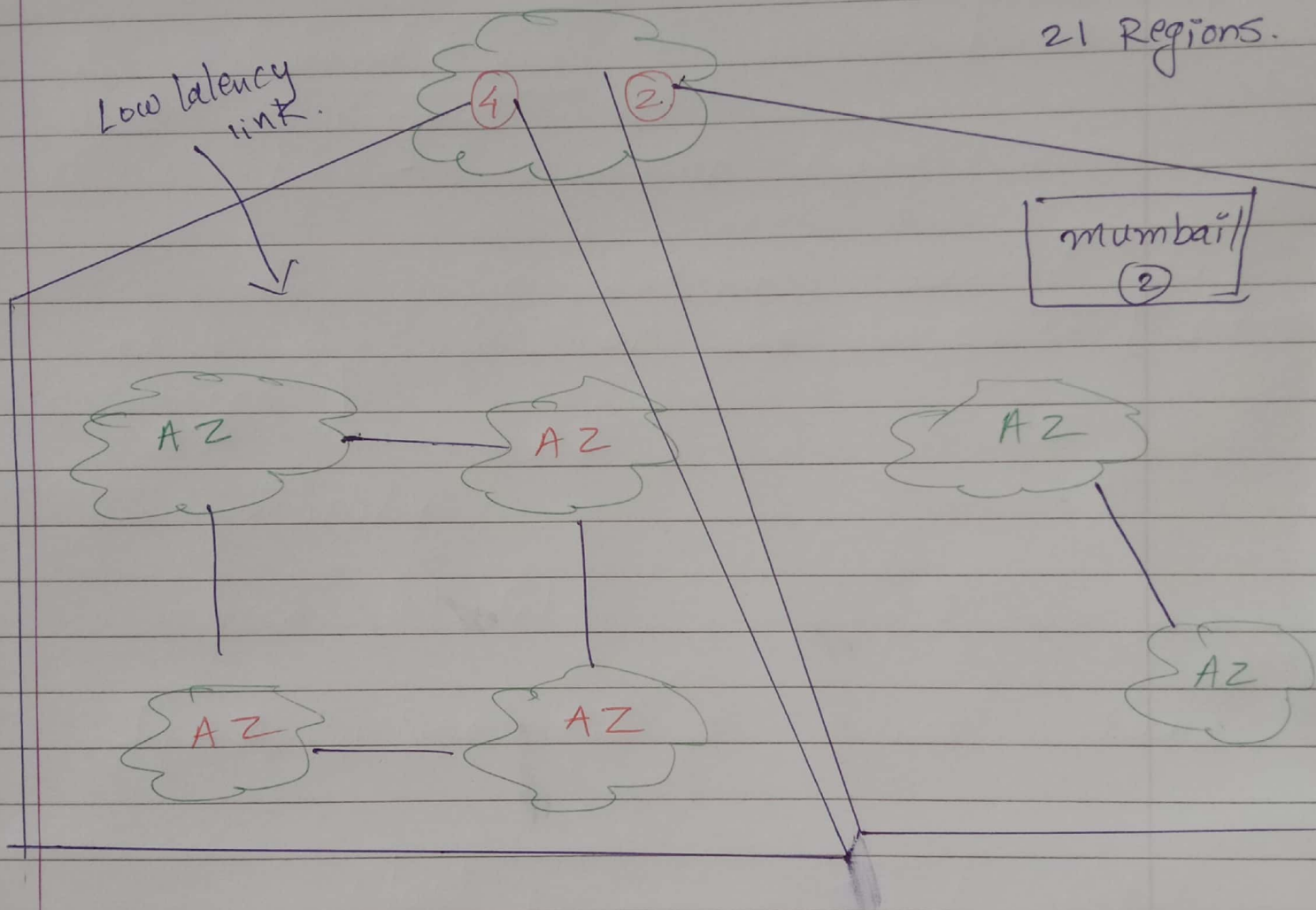traffic is difficult with local servers, Security
maintainance issues

What AWS.

its Service Platform. it is Secure, flexible
cost effective, Scalability

AWS is Secure Cloud Service.

Benefits — flexibity
Cost effective
Scalability
Security

Aws Global infrastructure

64 AZ
21 Regions.

Low latency link.

Region → AZ → DC.

○ regions.   Centers
AZ Avability zone Discrete data more than one Data set.
DC Data centers.
⊂⊃ geographical Regions.

ACID Property. for Security