ANS Cloud Architechter

Ocloud Terminologies

E High Dwalility

Susiness continuity in

Thigh availability

Disaster Recovery option

Fould to learne

Cloud Terminologies

Solutions Architect: role that architects a technical solution using multiple systems via researching. documentation, experimentation

cloud Architect: A columns architect that is completely foused solely on architeching technical solutions

using doud services

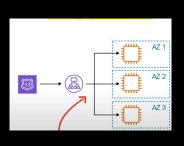
Oraclibility, your ability to ensure a service remans highly available

- (2) Scalability >> Your ability to grow rapidly or impeded
- (3) Flashing -> Your ability to shrink and grow to meet the demand
 - Fault tolerance -> Your ability to prevent a dailere

 Disaster recovery -> Durability

fligh Availibility -> Elastic hoad Balancer

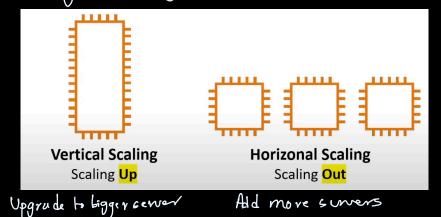
ELB: It allows you to everly distribute traffic to multiple servers in one or more datacenters. If a datacenter or server becomes unovailable the load balancer will automatically route the haffic to only available



High Scalability

data centers.

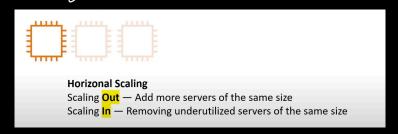
Ability to increase your copacity based on the increasing demand of traffic, memory 8 computing powers



High Elusticity - Auto Scaling Groups

Your ability to automatically increase / decrease your capacity.

*There is only horizontal scaling associated with flashiby



ASG: is an AWS jeature that will automatically add or remove servers based on scaling rules you define

High Fault to levance - RDS multi AZ

PDS Multi-AZ ensures to have supplicate standby Database m case the primary DB fuils.

High Durability: Cloud Endure Disacter Recovery

Cloud Endure Disocker Recovery continuously replicates
your muchanismto low cost staging area enabling past
recovery in case of IT data center poilures

Business Continuity Plan

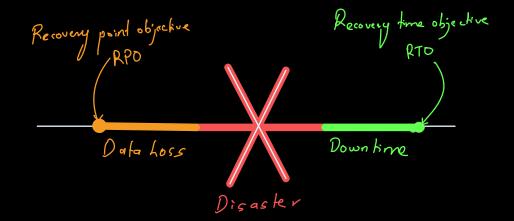
It is a document that outlines how a business will continue to spende during an uplanned disruption in services

RPO: Perovery point objective is the manimum acceptable amount of data loss after an unplanned data- loss incident empressed as an amount of time.

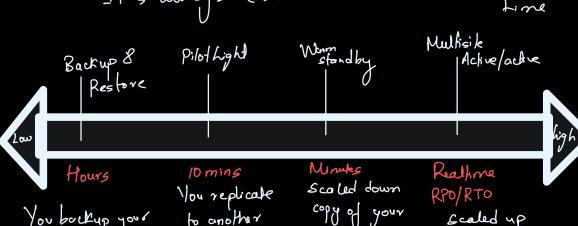
"How much data are you willing to lose?"

·RTD: is man downtime your business can tolerate without incurring significant financial loss

"How much time are you willing to go down?"



Disaster Recovery Ophons It is always cosilus time where cost of I time



You bockup your data & restore it to new infrast.

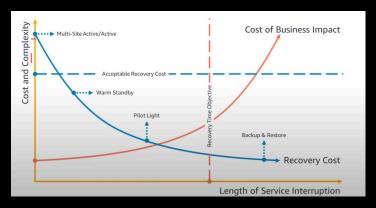
to another region with the minimal services

running

infra. ready to ecale scaled up copy of your infra in one thus region

RTO: Recovery Time Objective

Manmum delay between intemption of service and restoration of service. It determines which is an acceptable time window for on orgin to have service unavailable



RPO: Recovery Point Ob;

determnes what is considered an acceptable data loss between the last recovery point 8 intemption of cervice 2 is defined by organizations.