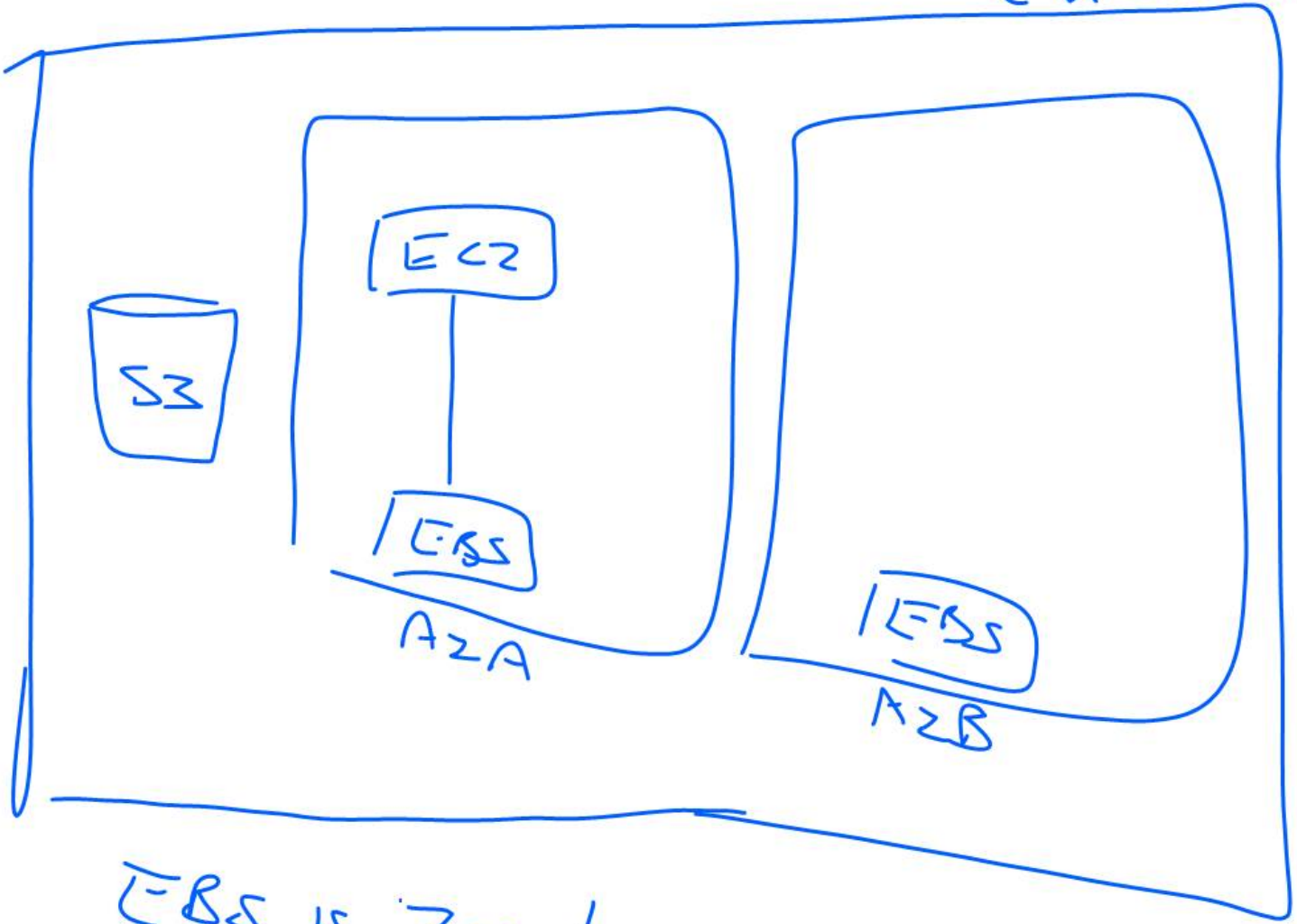


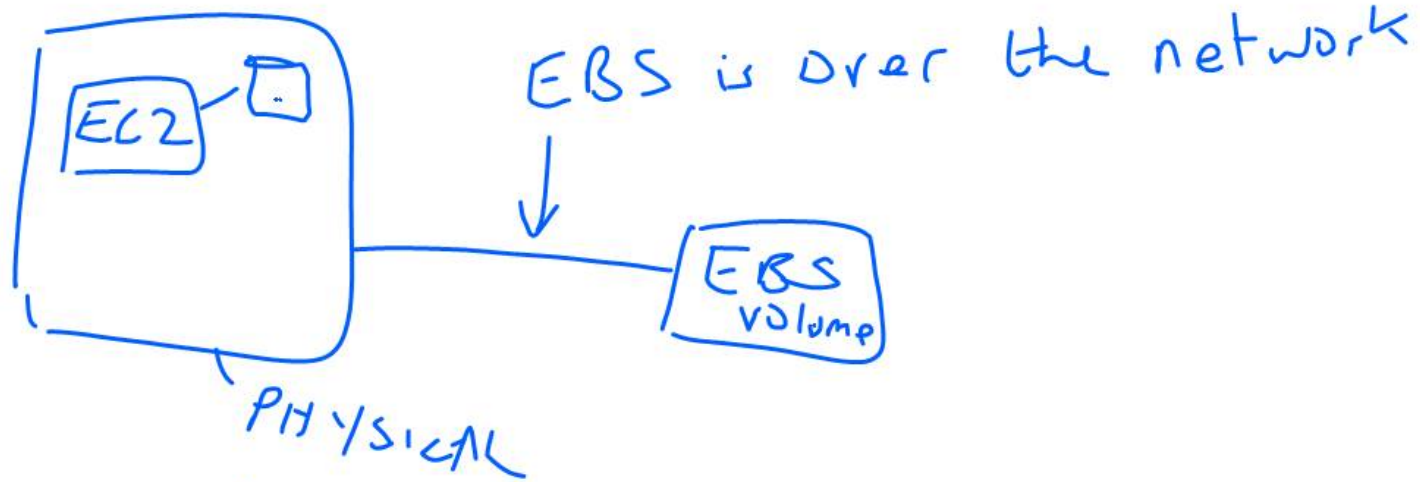
eu-west-2

S3 is Regional

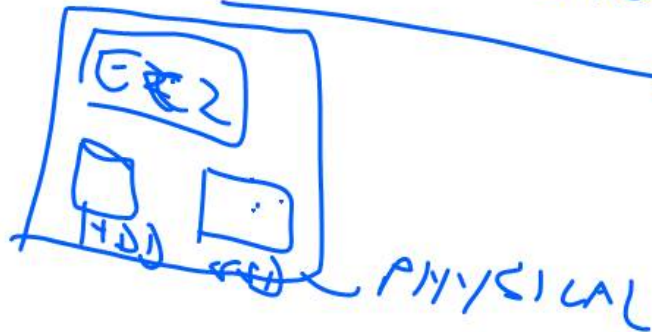


EBS is Zonal

EBS



Instance Stop



is ~~not~~ local to the physical server

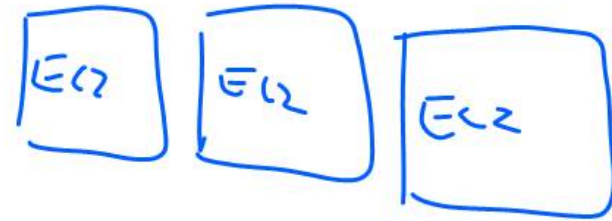
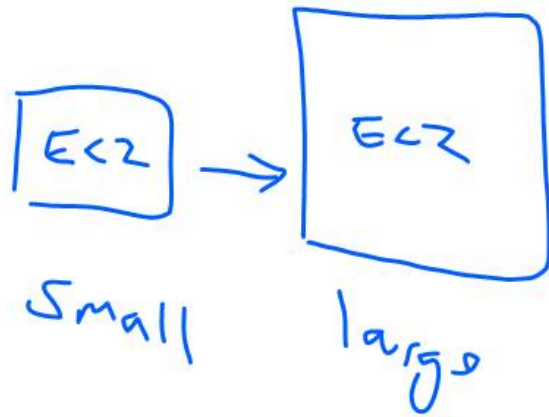
Relational

Non Relational

Vertical

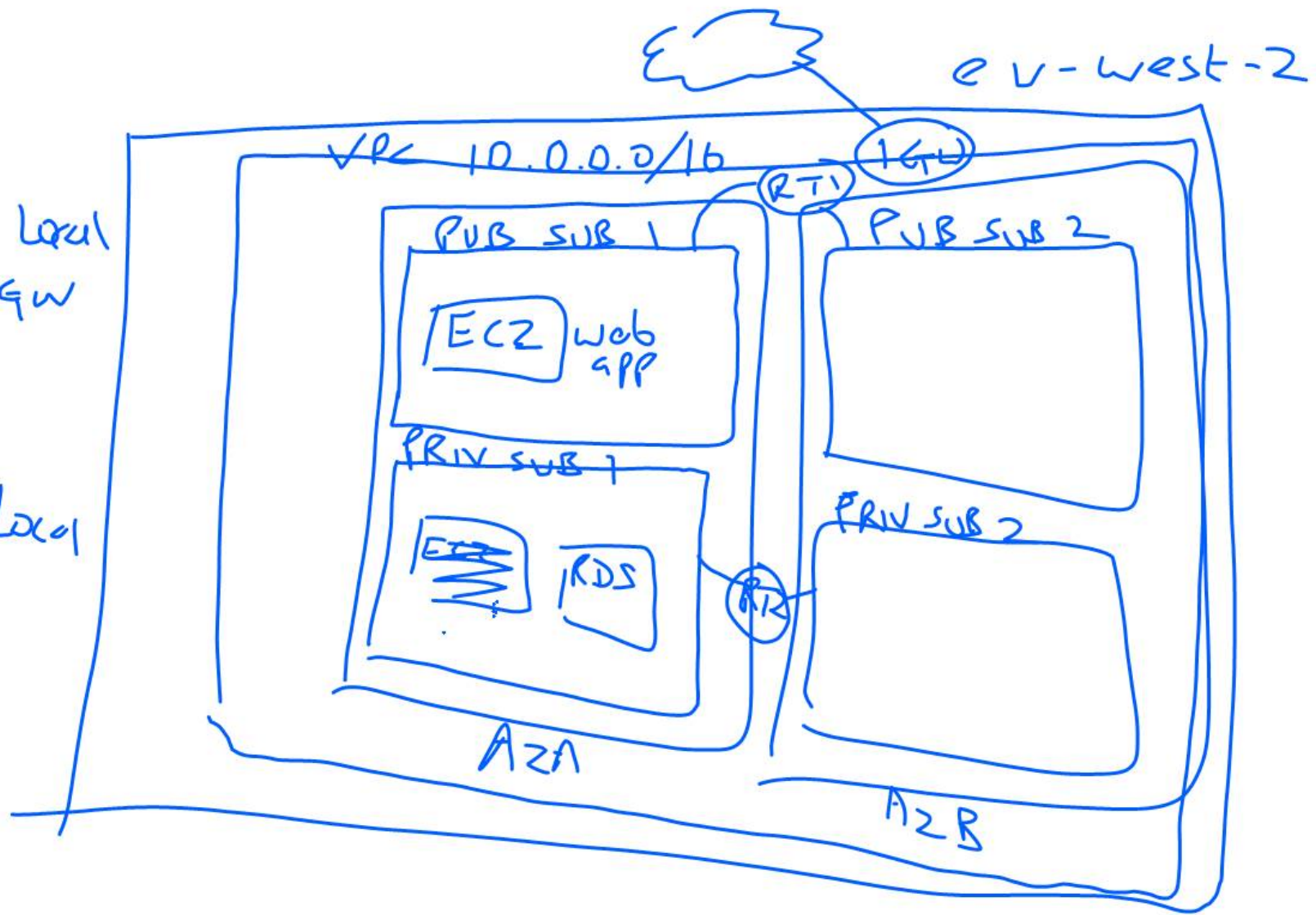
v

Horizontal

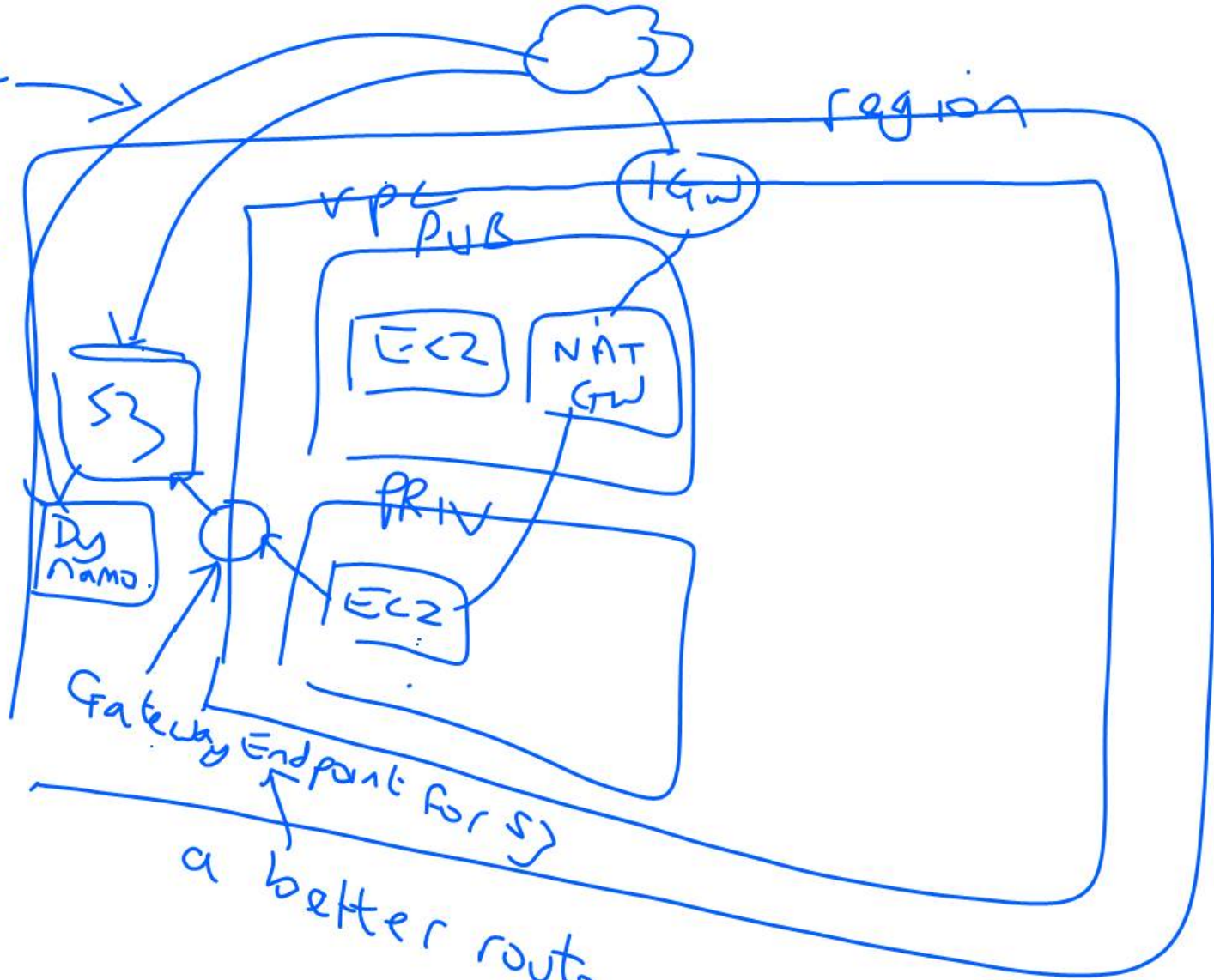


RT1
10.0.0.0/16 Local
0.0.0.0/0 IGW

RT2
10.0.0.0/16 Local



not the best route!



Gateway Endpoint for S3
a better route

IAM Policy



BILL

Bucket1: Read



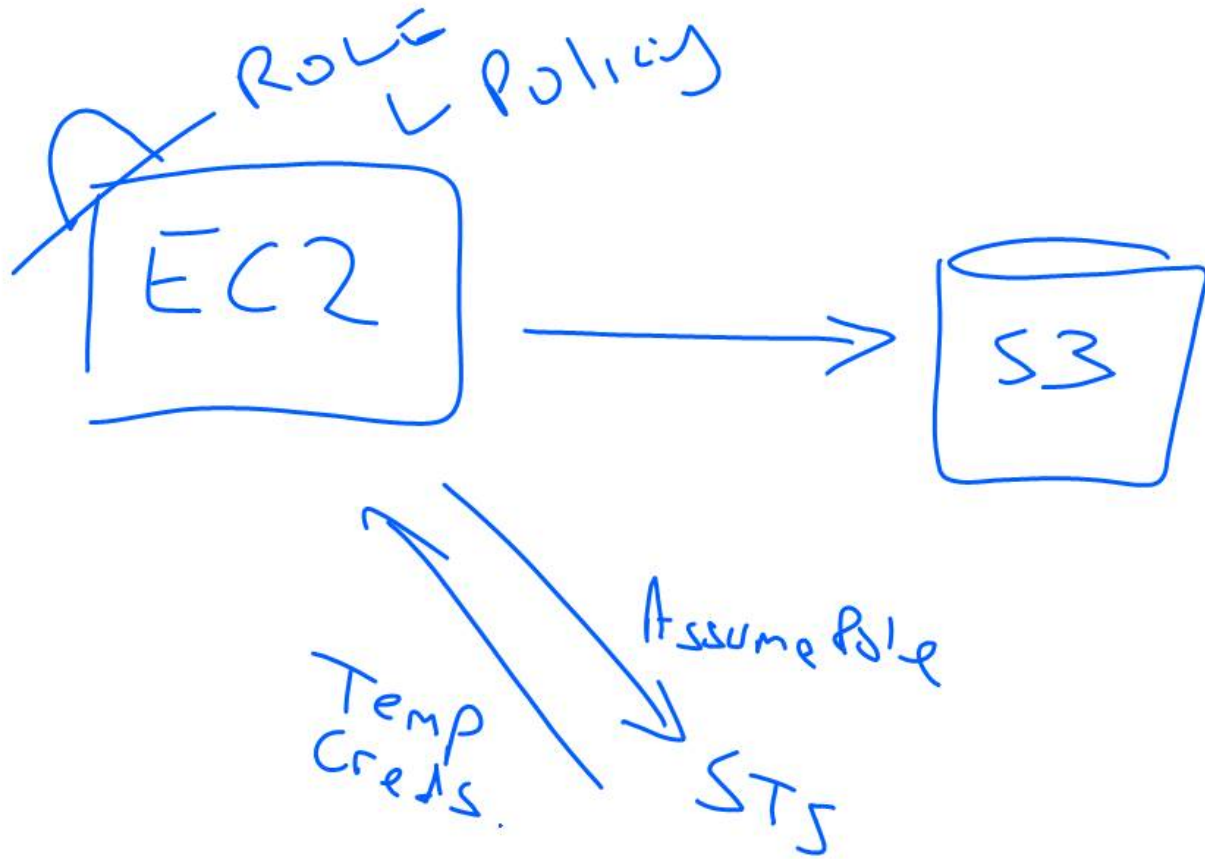
Bucket Policy



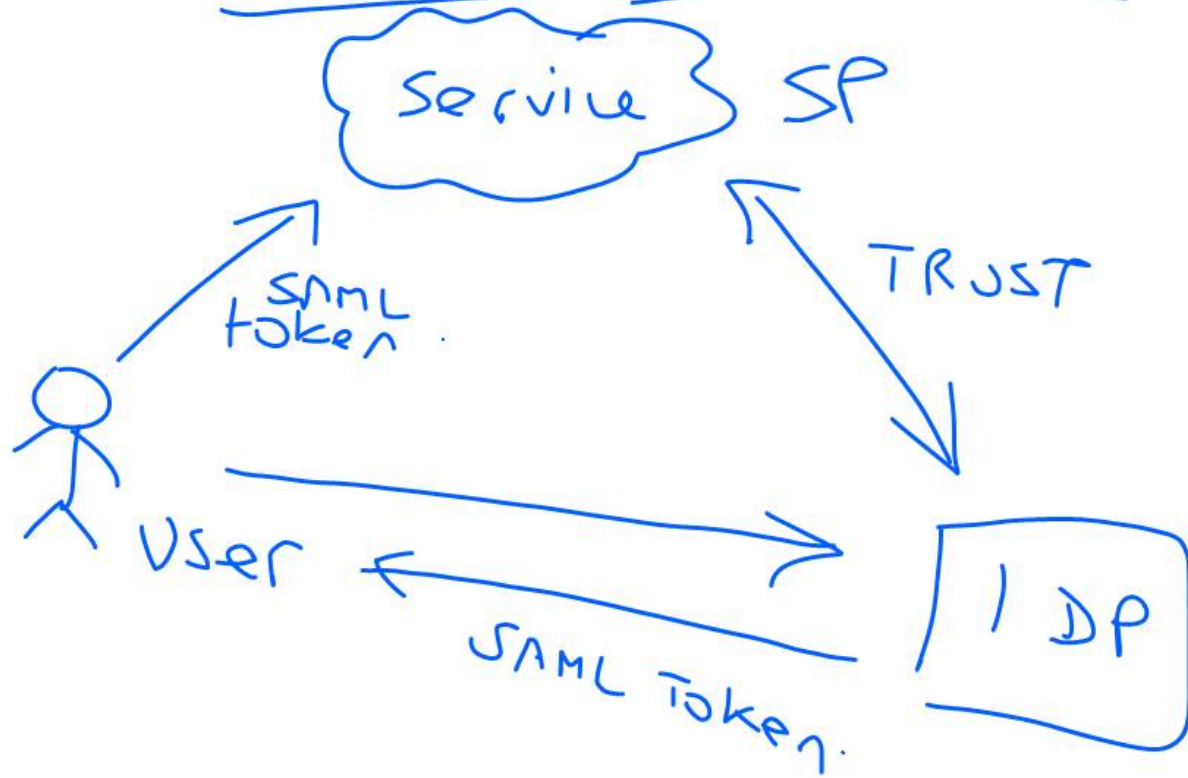
BUCKET1

Bill: Read

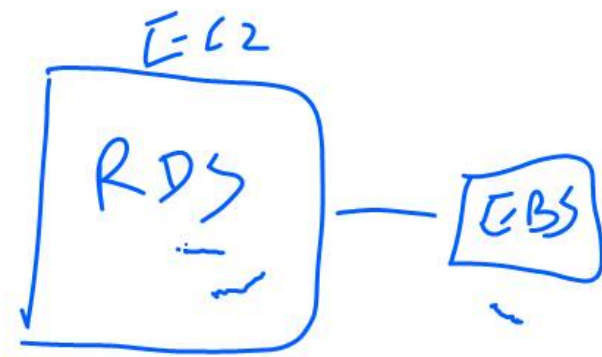
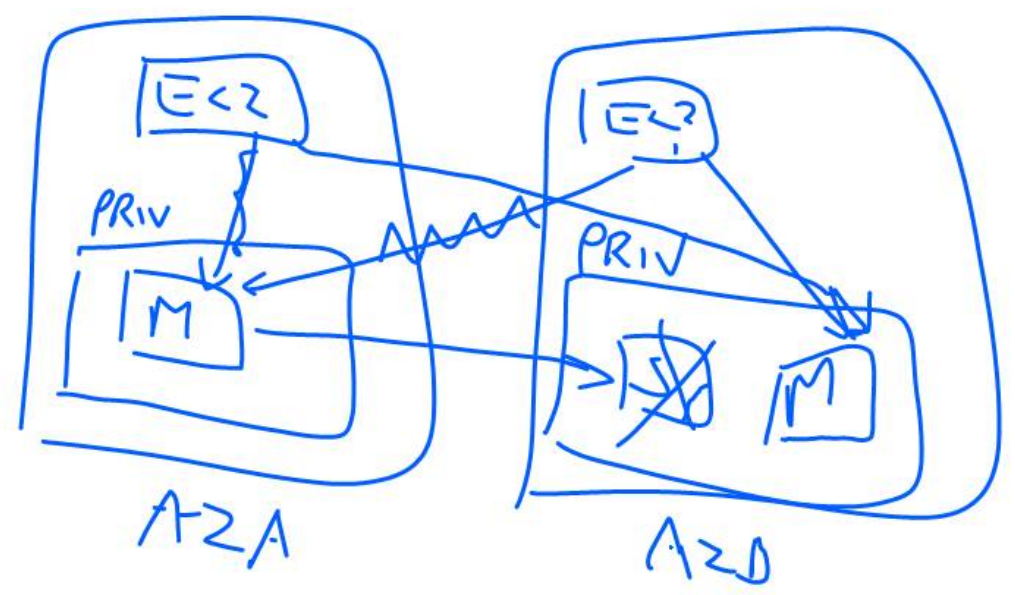




SAML in General



RDS Failure



RDS uses EC2 & EBS but we don't log on to it.

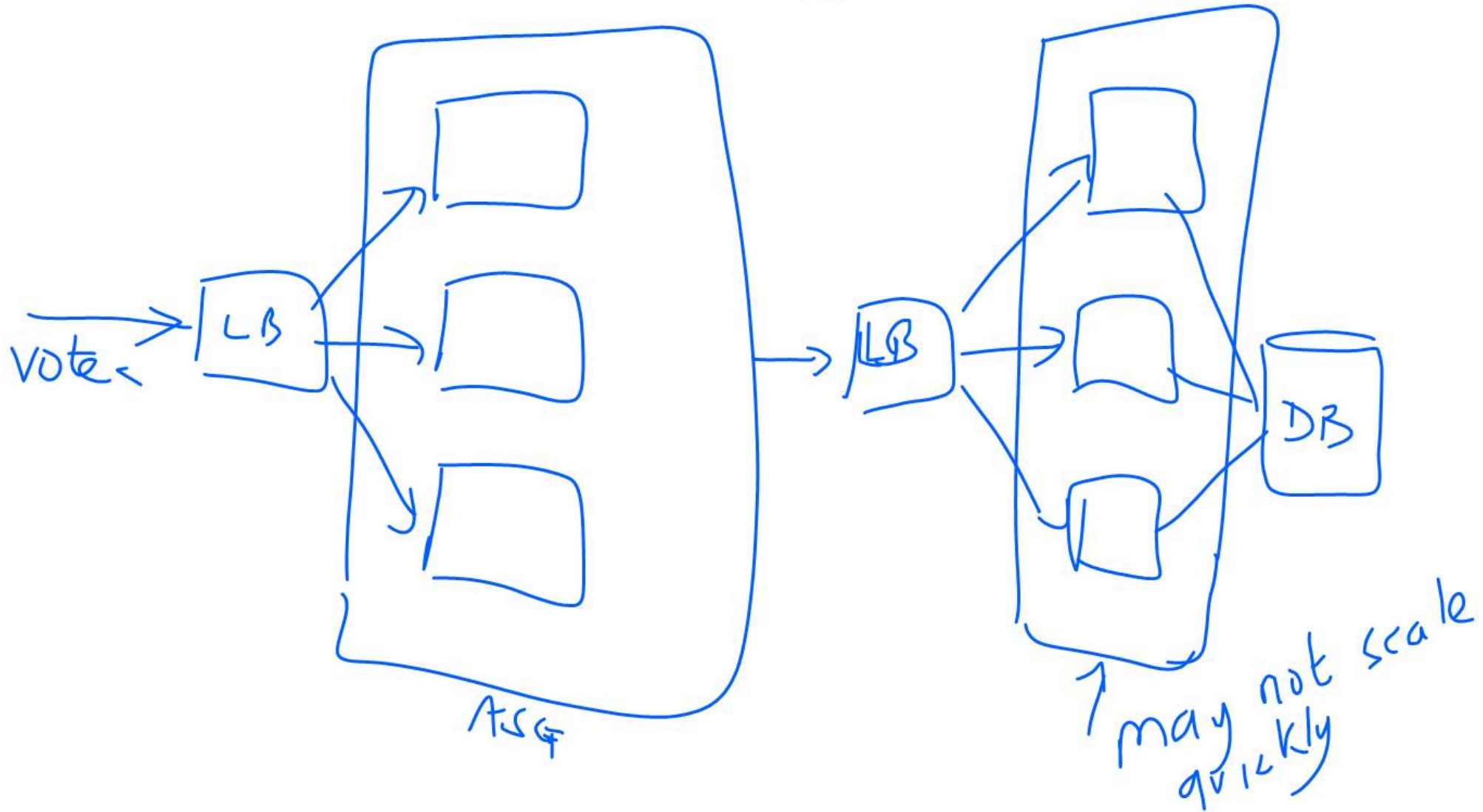
Dynamo

5 RCU - 5 Strong consistency
R/S (4k)

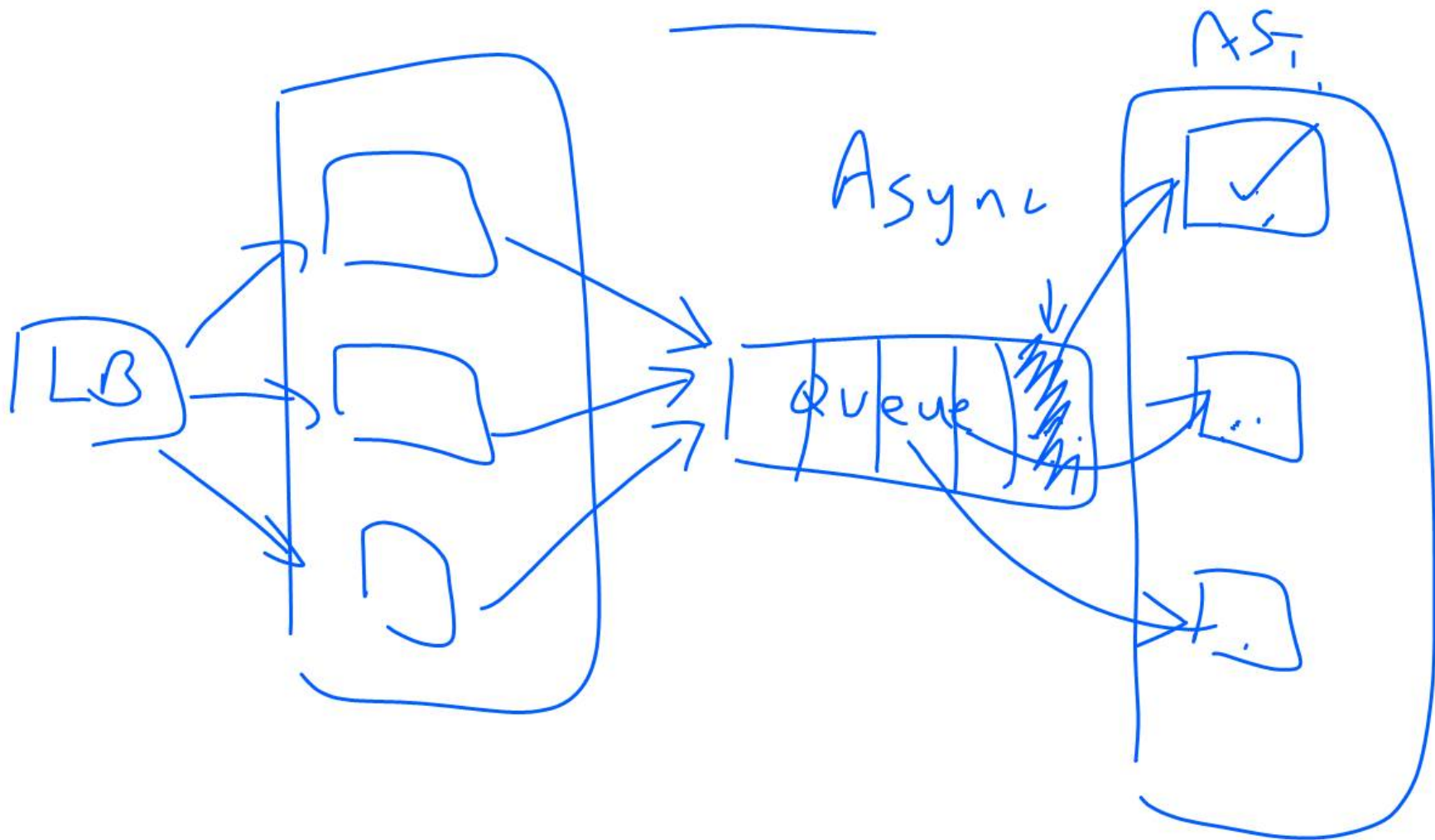
5 ~~R~~ RCU - Eventually cons. (4k)

5 WRU = 5 W/S (1k)

Strictly voting



SQS



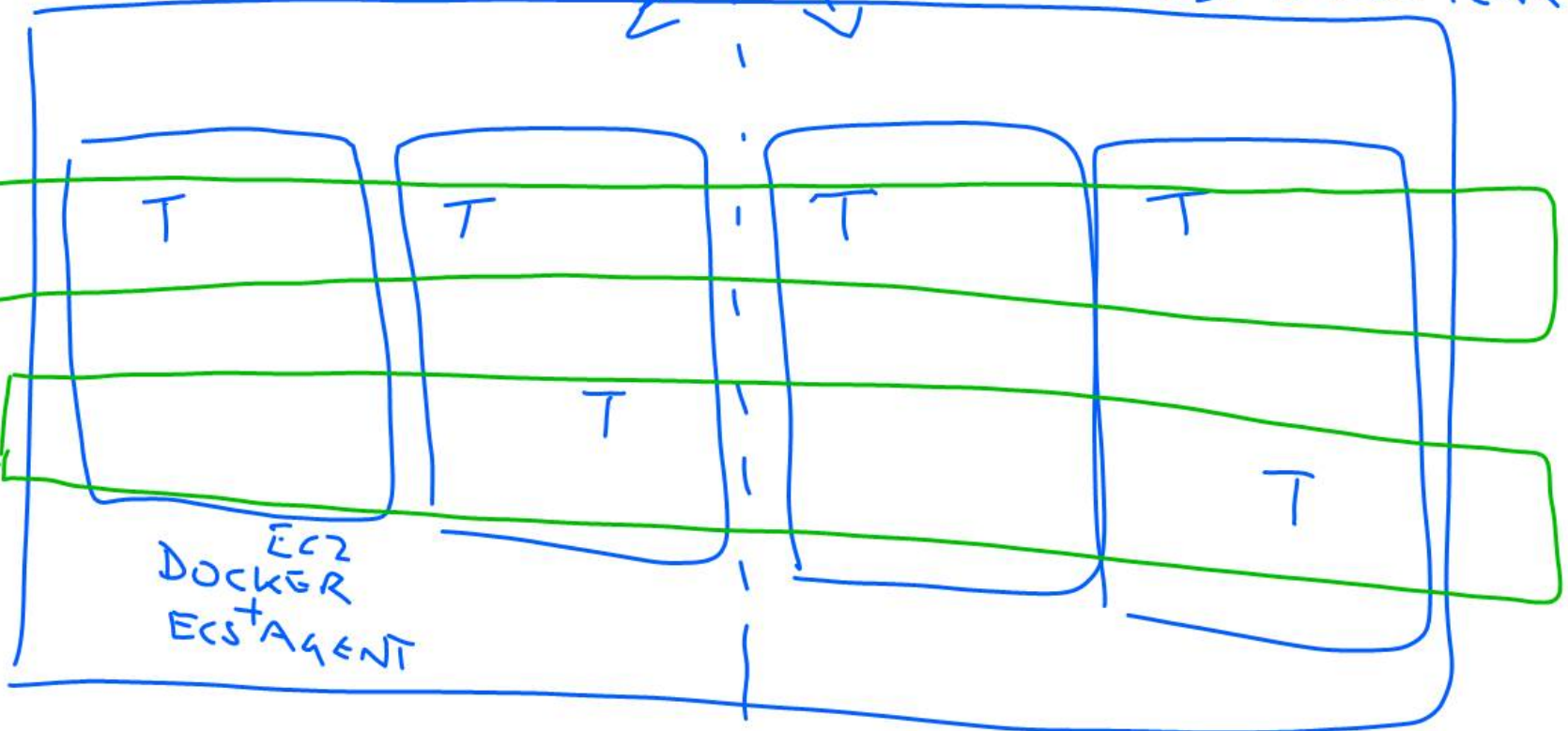
ECS SERVICE

LB

if path = /users/*

ECS CLUSTER

Service users
Service threads



AZA : AZB