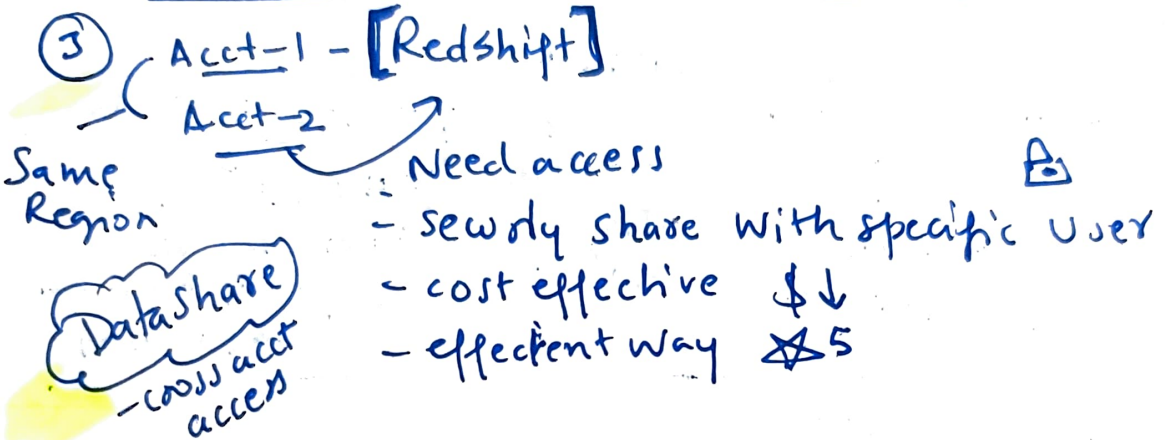
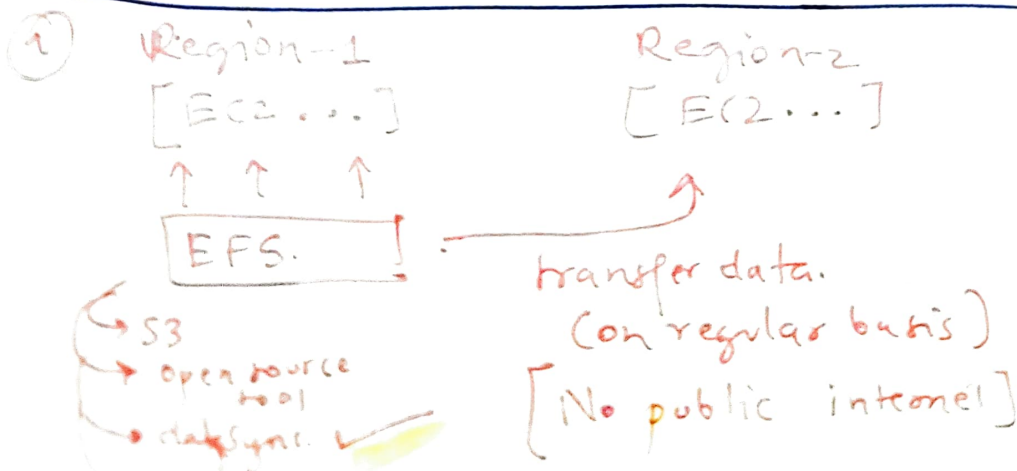
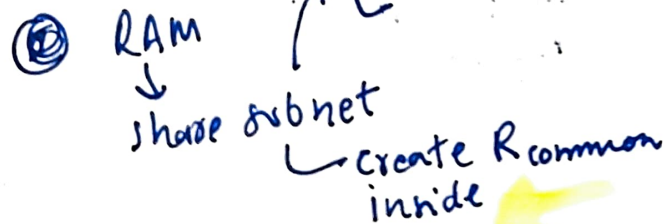
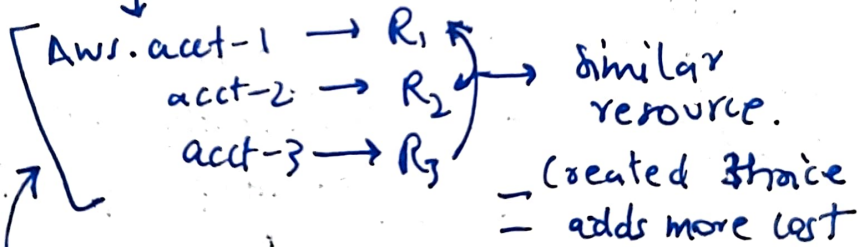


[practice Test] #2

① API gateway Response → Mapping Template



④. ~~Acct 0~~ AWS org



2.10

CloudFormation
↳ template

Based on:

EC2 Instance Type

Region

Deploy
diff
stack

Custom Resource

↳ backed by SNS → external logic

↳ backed by Lambda → aws logic

2.11

AWS org

↳ Mgt acct

↳ OU

↳ m1

↳ m2

②

Later on, attach SCP

→ deny attaching
NAT-g.

existing ①

VPC ← attach
NAT-g.

- - It will not impact user/role in mgt acct
- Impact Existing NAT-g X Why?
- or " New NAT-g, to be added ✓

2.12

EC2 - memory intensive App

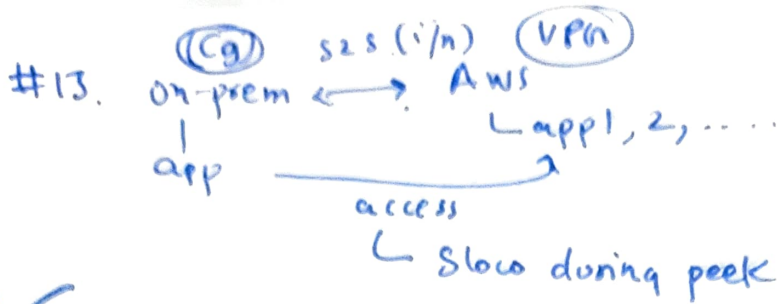
↳ ~~can~~

↓

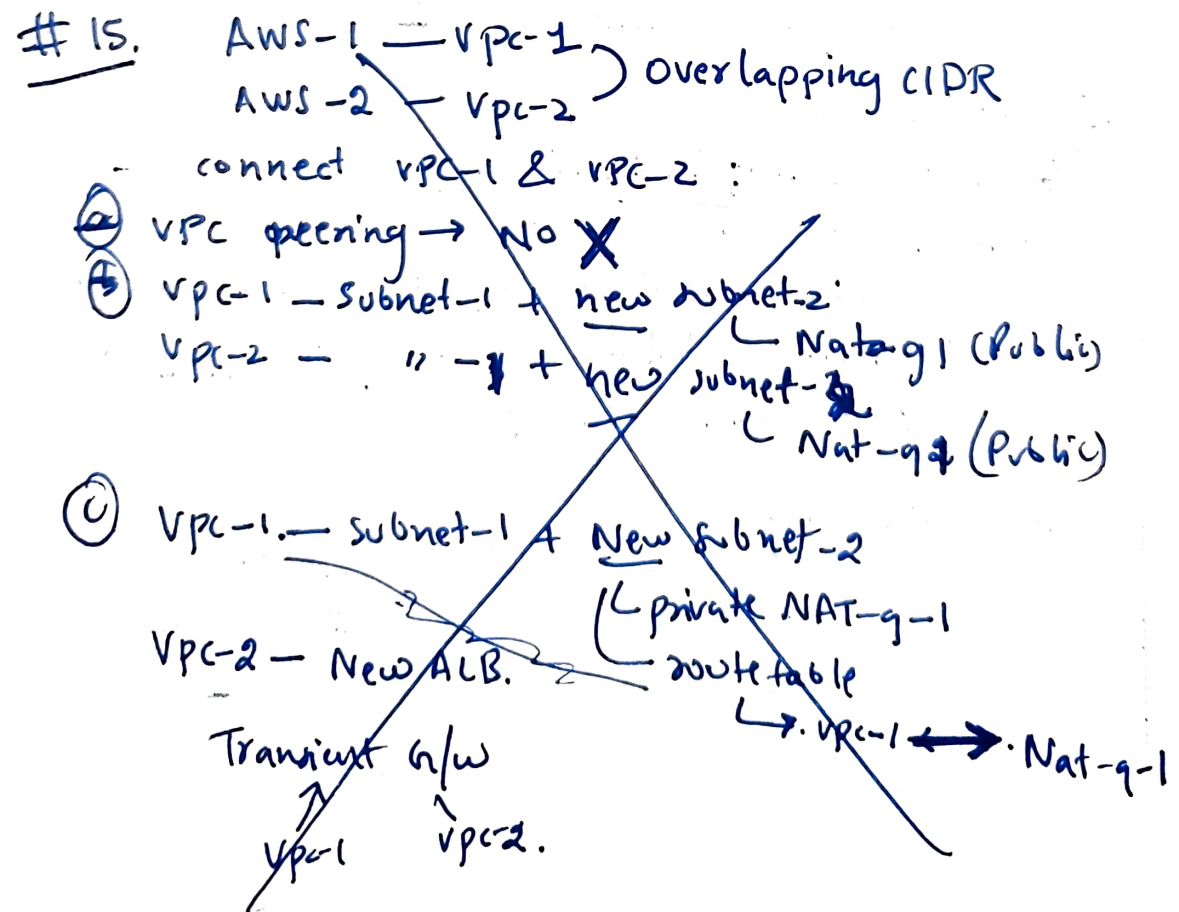
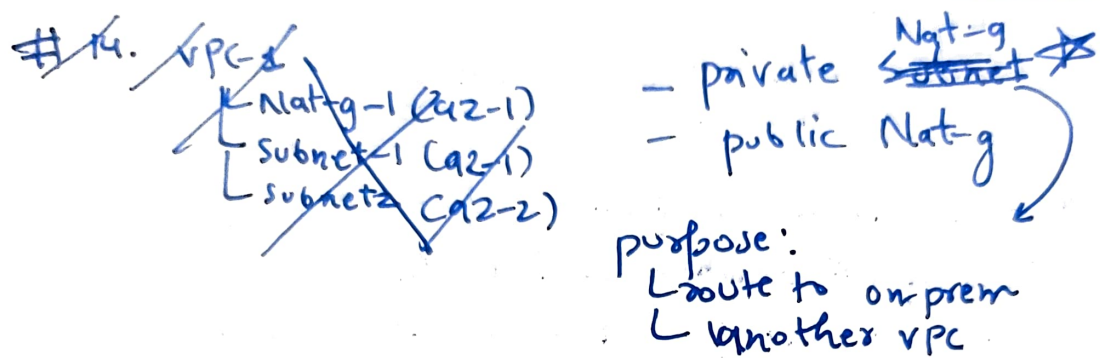
annual maintenance, will fast backup
or init of data. No delay of app init.
Post maintenance. ?

⇒ Hibernate

↳ RAM → EBS root, ~~can be~~
↳ reattach later



- Transient g/w [ECMP] ? + dynamic routing
- VPN [ECMP] ? + Route propagation
- multiple transient g/w X
- multiple VPN X



2.15

VPC-1 } overlapping CIDR, how to connect.
VPC-2 }

VPC-1 - New subnet - Private NAT g
VPC-2 - New subnet

2.16

KDS → K → CW: logs.
 ↓
 Not comming. why?
 λ exec role
 (permission missing)

2.20

Region-1 (VPC-1)

Region-2 (VPC-2)

Dx

On-prem

EFS

access?

- ↑ perform.
- ↓ \$
- ↓ latency

options:

vpc-1

vpc-2

vpn X

private link X

vpc peering (inter-region) ✓

2.17

EC2

Secrets for DB.

VPN S2S

Internet

VPC endpoint ✓

2.31

AWS-1: SQS

AWS-2

IAM role

AWS-3

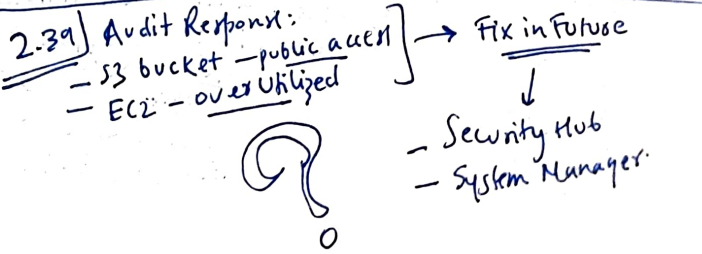
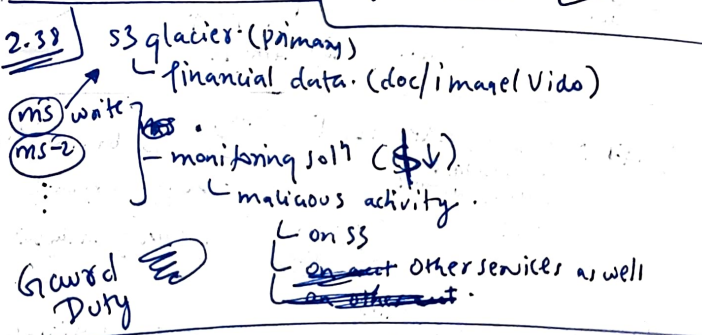
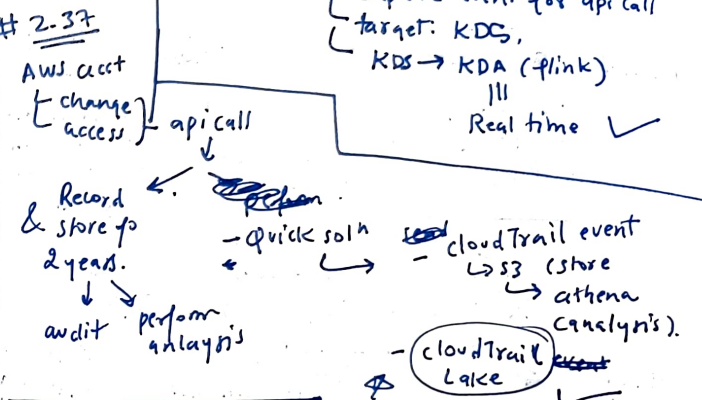
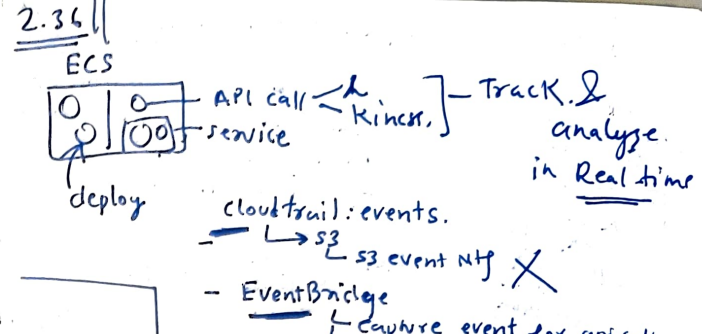
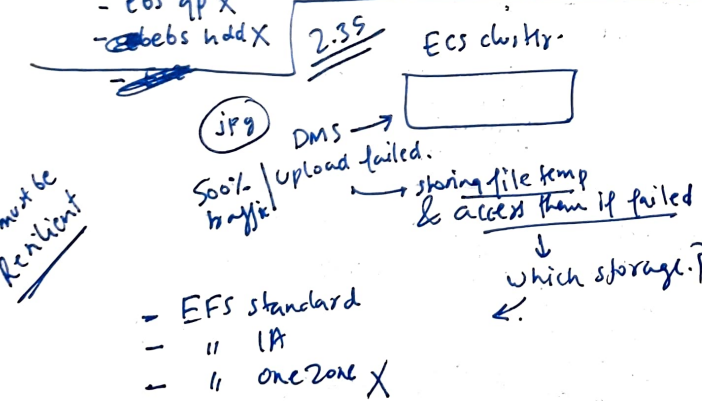
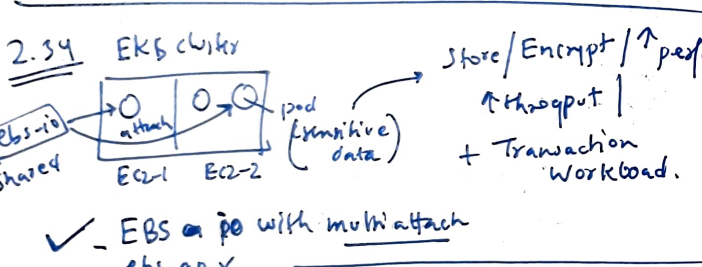
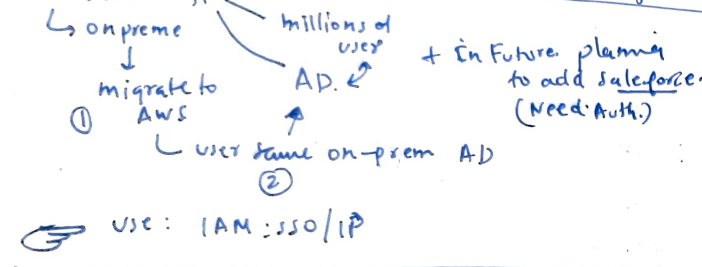
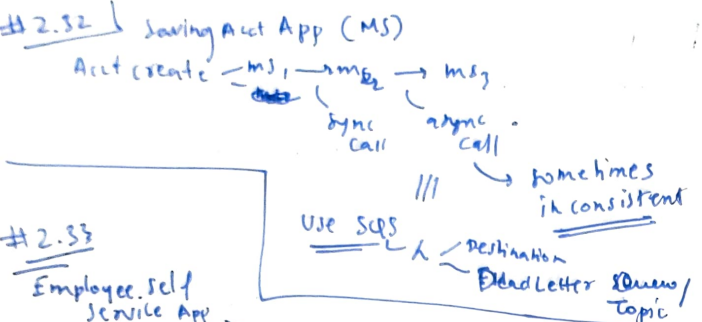
AWS-4

Datalake
(3 source)

cross-account

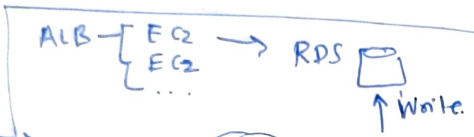
SQS policy

or Both



2.40 On-prem → migrate → EC2 → perform Vulnerability assessment (inspector).
 ↓
 has any critical port exposed to internet

(create Assessment template)
 ↳ target
 ↳ Rule L/H/W I-I
 ↳ Remediation mode (duration)



2.41 CF stack(s)
 ↳ security - sg.
 ↳ N/W
 ↳ App. referred here in VPC.

in a week

New phone product
 ↳ intensive
 ↳ virtually infinite Load

- ✓ - Load → SQS → RDS
- X - Load → MQ → RDS
- Vertical scaling EBS
 - ↳ provisioned IOPS ↑
- X - RDS → DynamoDB

will increase cost

Soln

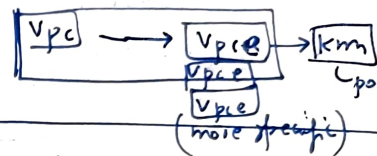
+ No \$↑

2.43 Redshift (OLAP) (PB) ↑ growing.
 ↳ Structured SS.
 ↳ Un-structured SS.
 ↳ Advancing query N/w bandwidth
 ↳ CPU performance
 ↳ query analysis

2.49 EC2-1 ... EC2-100 → patching
 ↳ Need SSH → Not available
 ↳ alternative: role ssm:runCommand
 ↳ run command on EC2 for patching.
 (SSH agent installed already)

2.55 app-A app-B → file xnd.
 ↳ digitally sign. using Key-A
 ↳ symmetric X A-symch (RSA)

2.59 VPC-A
 ↳ EC2 → KMS: key
 ↳ data flow over in
 ↳ least privilege access effective \$↓
 ↳ KMS: vpce + key policy



Conditionally
 ? - Source Vpc
 ? - Vpce

2.60 On-prem. → Plan/migrate → AWS.
 ↳ VM1 OS1
 ↳ OS2
 ↳ OSn
 ↳ install
 ↳ Agentless - ADS
 ↳ caps discovery service
 ↳ Check resource utilization
 ↳ N/w CPU disk memory.

2.61 SAP server SQL server → migrate to AWS (EC2).
 ↳ Datasync X
 ↳ App Migration service. ✓

2.62 On-prem → SOTB → AWS: S3
 ↳ SnowBall Edge
 ↳ co ne

Task	Done
Task 1	✓
Task 2	✓
Task 3	✓
Task 4	✓
Task 5	✓

