

## S3 Storage classes

- general purpose - S3 general Standard
- S3 Standard IA
- S3 Standard IA - one - zone.
- S3 glacier Instant retrieval
- S3 glacier flexible retrieval
- S3 glacier Deep Archive
- S3 Intelligent tiering

## S3 requester pay

- requester or downloading user has to pay for network (downloading) cost.

User Case : Sharing large dataset to another account .

Nbk: user has to in the AWS Account.



S3 event notification

trigger an event on when you do api activity

in S3 to add some automation

- SNS

- SQS

- Lambda

AWS

uses AWS Lambda Resource (Access) policy.

Amazon event bridge can also be used

with S3 in triggering an event.

providing more advanced features.

S3 baseline Performance

request (put/get/GetObject)

3500 requests per second per prefix in a bucket.

for performance use S3 multipart upload

and S3 Transfer acceleration.

S3 Transfer acceleration : used for faster uploading / downloading . using Ausedge location

- \* S3 byte-Range fetches ~~multiple bytes~~ part of file
- Can download specific part of large data
  - Can mention specific bytes of header of file to download.

Q2

Ans:

S3 select and glacier select.

- filter using SQL query and get data from S3.
- less network transfer / less cost / less CPU.

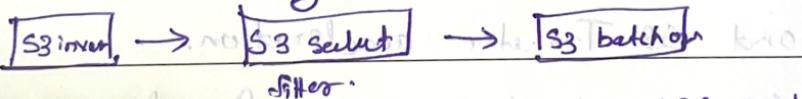
S3 batch operation

use S3 batch operations to perform bulk

- operation on S3 object.

use case: encrypt un-encryption object

note: S3 inventory to list S3 objects



multiple objects with partial encryption - unencrypt - obfuscate

multiple objects with partial encryption - obfuscate