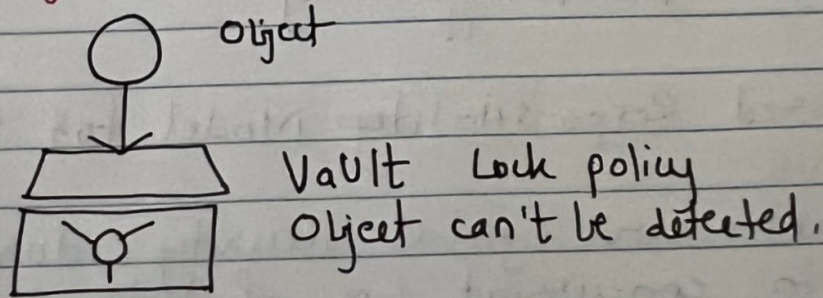


- Glacier Flexible Retrieval: Min storage - 90 days, Expedited (1-5 mins), Standard (3-5 hrs), Bulk (5-12 hrs) - free
- Glacier Deep Archive: Long term storage, standard (12 hrs), Bulk (48 hrs) · Min storage: 180 days.

→ S3 Intelligent-Tiering

- Small monthly monitoring
- Auto-tiering fee
- No retrieval charges
- Frequent access tier: default tier
- Infrequent access tier: objects not accessed for 30 days
- Archive instant Access tier: " for 90 days
- Archive Access tier: configurable from 90 to 780 days
- Deep Archive Access tier: config from 180 to 1000 days.

→ S3 object Lock & Glacier Vault Lock



- S3 object lock
 - Adopt a WORM (Write once Read Many) model
 - Block an object version deletion for a specified amount of time
- S3 Glacier vault lock
 - Adopt a WORM
 - Lock the policy for future edits (can no longer be changed)
 - Helpful for compliance & data retention.

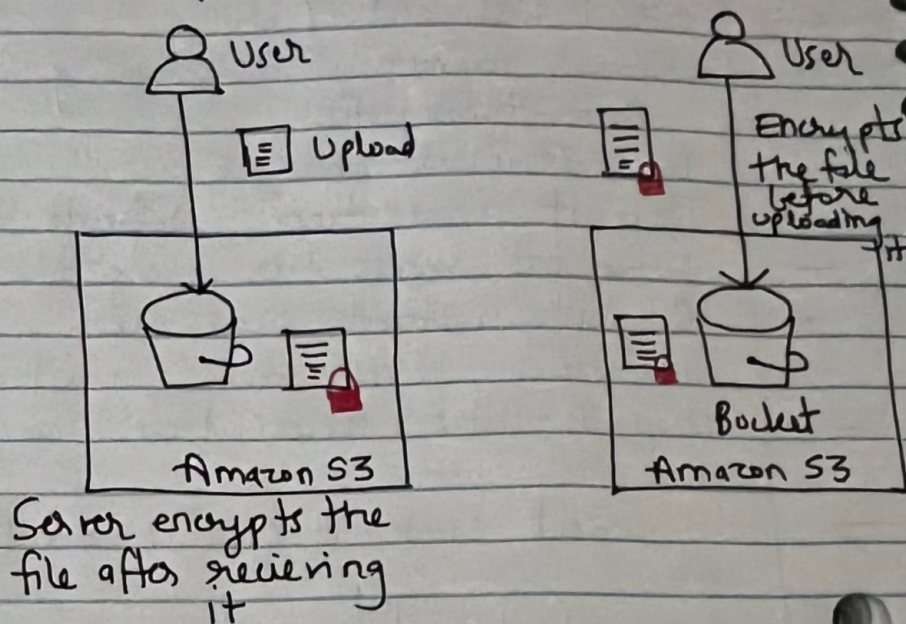
S3 Encryption

ion

Server-side encryption

Client-side encryption

upload



Shared Responsibility Model for S3:

AWS:

Infrastructure (global security, durability, availability; sustain concurrent loss of data in two facilities)

Configuration & vulnerability analysis

Compliance validation.

User:

S3 Versioning

S3 Bucket policies

S3 Replication setup

Logging & monitoring

S3 Storage classes

Data encryption at rest and in transit.