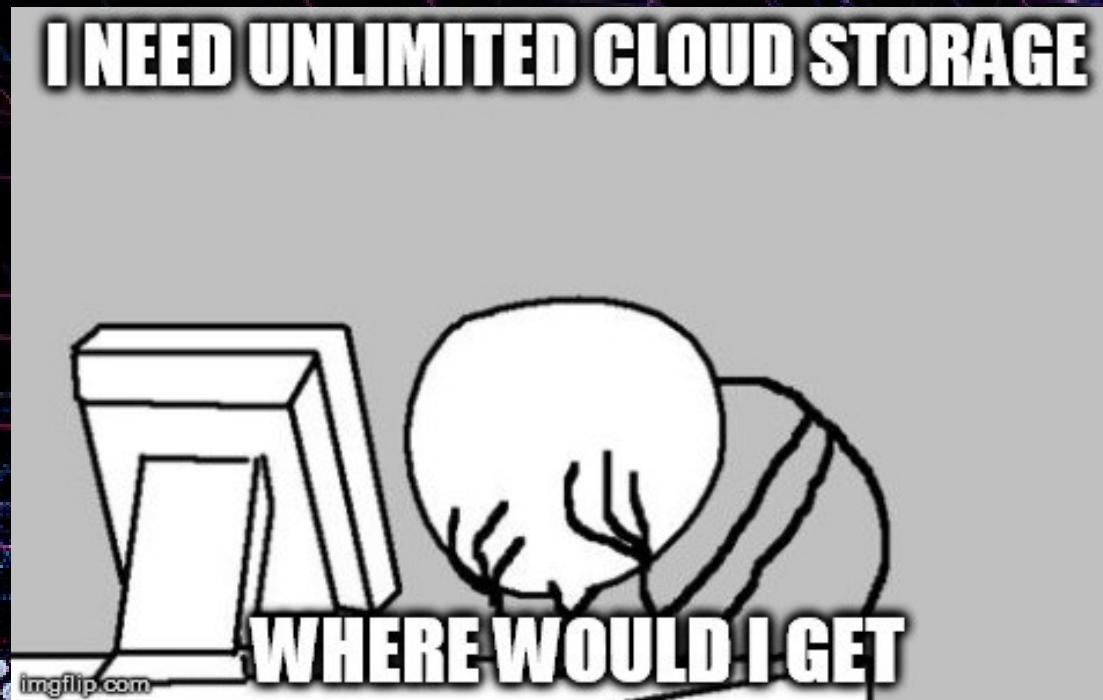


Simple Storage Service

(Amazon S3)



Jueli Moon Aung

What is Amazon S3

- Bucket
- Object
- Identity & Access Management
- Standard Interface

Bucket

1. Bucket Name
2. Bucket Region
3. Storage Class
4. Versioning
5. Object-level Logging
6. Tag

Storage Class

- S3 Standard
- Intelligent Tiering
- Standard IA
- One Zone-IA
- Glacier
- Glacier Deep Archive



All Storage Class

99.9999999999%
Durability

Your choice of Amazon S3 storage classes

NEW

Coming Soon



S3 Standard

S3 Intelligent-Tiering

S3 Standard-IA

S3 One Zone-IA

S3 Glacier

S3 Glacier Deep Archive

Frequent

Access frequency

Infrequent

- Active, frequently accessed data
- Milliseconds access
- ≥ 3 AZ
- \$0.0210/GB

- Data with changing access patterns
- Milliseconds access
- ≥ 3 AZ
- \$0.0210 to \$0.0125/GB
- Monitoring fee per Obj.
- Min storage duration

- Infrequently accessed data
- Milliseconds access
- ≥ 3 AZ
- \$0.0125/GB
- Retrieval fee per GB
- Min storage duration
- Min object size

- Re-creatable, less accessed data
- Milliseconds access
- 1 AZ
- \$0.0100/GB
- Retrieval fee per GB
- Min storage duration
- Min object size

- Archive data
- Select minutes or hours
- ≥ 3 AZ
- \$0.0040/GB
- Retrieval fee per GB
- Min storage duration
- Min object size

- Archive data
- Select hours
- ≥ 3 AZ
- \$0.00099/GB
- Retrieval fee per GB
- Min storage duration
- Min object size

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Object

Default Encryption: AES 256

Key



Version

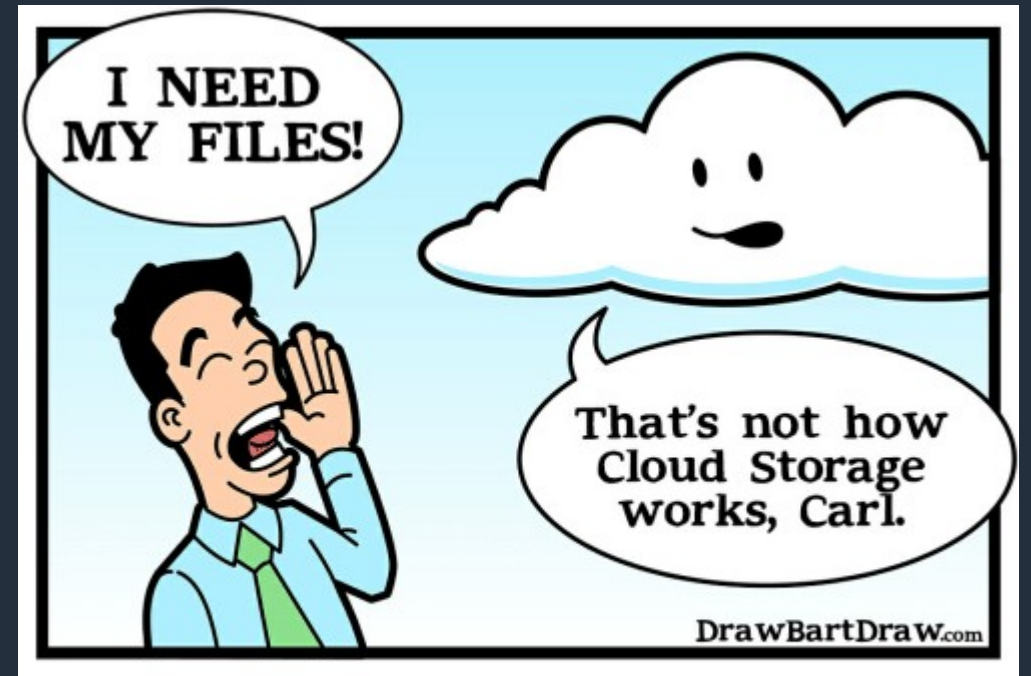
test.txt		Latest version ▼
Jul 23, 2019 4:52:44 PM GMT+0530 (Latest version)	Standard	Download Delete
Jul 23, 2019 4:52:41 PM GMT+0530	Standard	Download Delete
Jul 23, 2019 4:51:54 PM GMT+0530	Standard	Download Delete
Jul 17, 2019 9:46:43 PM GMT+0530	Standard	Download Delete

Identity & Access Management

- Resource-based policy (Bucket policy and ACL)
- User Policy

Standard Interface

- S3 API and SDK (REST, SOAP, BitTorrent protocol)
- AWS CLI
- Web Interface



Thank You

