

S3 Storage Classes

1. **S3 standard**
2. **S3 IA (Infrequent Access)**
3. **S3 One Zone – IA**
4. **S3 – Intelligent Tiering**
5. **S3 Glacier**
6. **S3 Glacier Deep Archive**

S3 Storage Classes

1. S3 standard :

- ✓ More than 3 replication
- ✓ Highly durable
- ✓ Highly Available
- ✓ Fast Retrieval
- ✓ Costly

2. S3 IA (Infrequent Access):

- ✓ More than 3 replication
- ✓ Highly durable
- ✓ Highly Available
- ✓ Fast Retrieval
- ✓ Less costly compare to standard
- ✓ Minimum Size of the file is 128KB

S3 Storage Classes

3. S3 One Zone – IA :

- ✓ No Replication
- ✓ Less durable
- ✓ Less Available
- ✓ Lower cost
- ✓ Less critical data
- ✓ Data should be there 30days in Standard

4. S3 – Intelligent Tiering :

- ✓ Designed to optimize costs by automatically moving data to the most cost effective access tier, without performance impact or operational overhead.

5. S3 Glacier :

- ✓ It is low-cost storage class
- ✓ data archiving.
- ✓ Retrieval times configurable from minutes to hours
- ✓ Infrequently access

6. S3 Glacier Deep Archive :

- ✓ It is cheapest deep archival storage clas
- ✓ retrieval time of 12 hours is acceptable
- ✓ Infrequently access