**Storage Classes - S3 Glacier**

• S3 Glacier is a secure, durable, and low-cost storage class for data archiving.

• Key Features:

• The S3 Glacier storage class is the cheapest, but it can be used for archiving only.

• We can store any amount of data at a lower cost than other storage classes.

• We can upload the objects directly to the S3 Glacier.

• Suitable for objects greater than 40 KB (smaller objects are charged for 40 KB only) kept for at least 90 days (charged for a minimum of 90 days)

• It is designed for 99.999% durability of objects across multiple availability zones

**Amazon S3 Glacier storage class provides three retrieval options**:

• **Expedited** retrievals typically return data in 1-5 minutes, and are great for Active Archive use cases.

• **Standard** retrievals typically complete between 3-5 hours and are best suited for less time-sensitive needs like backup data, media editing, or long-term analytics

• **Bulk** retrievals are the lowest-cost retrieval option, returning large amounts of data within 5-12 hours.

**Storage Classes - S3 Glacier Deep Archive**

Glacier Deep Archive storage class provides the lowest-cost data archiving where data access is infrequent and retrieval time of hours is acceptable.

• Key Features:

• Suitable for objects greater than 40 KB (smaller objects are charged for 40 KB only) kept for at least 180 days (charged for a minimum of 180 days)

• Lowest cost storage class designed for long-term retention of data that will be retained for 7-10 years

• Retrieval time within 12 hours

• It is designed for 99.99999% durability of objects across multiple availability zones.

• Supports long-term retention and digital preservation for data that may be accessed once or twice a year

• Use Cases: **Financial Services, Healthcare, and Public Sectors**