

S3

22 January 2025 17:38

Simple Storage Services

S3 Global services access but buckets are region specifics

Type of Buckets

- General purpose buckets
- Directory buckets
 - They are provide the speed at one availabilities zone

Storage class

Amazon S3 offers a range of storage classes designed for different use cases. [Learn more](#) or see [Amazon S3 pricing](#).

| Table Selection | Storage class | Designed for | Availability Zones | Min storage duration | Min billable object size | Monitoring and auto-tiering fees | Retrieval fees |
|-----------------|---|--|--------------------|----------------------|--------------------------|---|-------------------|
| | Standard | Frequently accessed data (more than once a month) with milliseconds access | ≥ 3 | - | - | - | - |
| | Intelligent-Tiering | Data with changing or unknown access patterns | ≥ 3 | - | - | Per-object fees apply for objects >= 128 KB | - |
| | Standard-IA | Infrequently accessed data (once a month) with milliseconds access | ≥ 3 | 30 days | 128 KB | - | Per-GB fees apply |
| | One Zone-IA | Recruitable, infrequently accessed data (once a month) with milliseconds access | 1 | 30 days | 128 KB | - | Per-GB fees apply |
| | Glacier Instant Retrieval | Long-lived archive data accessed once a quarter with instant retrieval in milliseconds | ≥ 3 | 90 days | 128 KB | - | Per-GB fees apply |
| | Glacier Flexible Retrieval (formerly Glacier) | Long-lived archive data accessed once a year with retrieval of minutes to hours | ≥ 3 | 90 days | - | - | Per-GB fees apply |
| | Glacier Deep Archive | Long-lived archive data accessed less than once a year with retrieval of hours | ≥ 3 | 180 days | - | - | Per-GB fees apply |
| | Reduced redundancy | Noncritical, frequently accessed data with milliseconds access (not recommended as S3 Standard is more cost effective) | ≥ 3 | - | - | - | Per-GB fees apply |