

S3 Storage Classes/Tiers

- S3 Standard
- S3 Intelligent Tiering
- S3 Standard IA
- S3 One Zone-IA (Infrequently Access)
- S3 Glacier (To get data, need to wait for 2-5 hours)
- S3 Glacier Deep Archive (To get data, need to wait for 12 hours)

S3 - Charges

- Storage
- Requests
- Storage Management Pricing (Tiers)
- Data Transfer Pricing (Manual)
- Transfer Acceleration
- Cross Region Replication (Automatic)

	Storage pricing
S3 Standard - General purpose storage for any type of data, typically used for frequently accessed data	
First 50 TB / Month	\$0.023 per GB
Next 450 TB / Month	\$0.022 per GB
Over 500 TB / Month	\$0.021 per GB
S3 Intelligent - Tiering * - Automatic cost savings for data with unknown or changing access patterns	
Frequent Access Tier, First 50 TB / Month	\$0.023 per GB
Frequent Access Tier, Next 450 TB / Month	\$0.022 per GB
Frequent Access Tier, Over 500 TB / Month	\$0.021 per GB
Infrequent Access Tier, All Storage / Month	\$0.0125 per GB
Monitoring and Automation, All Storage / Month	\$0.0025 per 1,000 objects
S3 Standard - Infrequent Access * - For long lived but infrequently accessed data that needs millisecond access	
All Storage / Month	\$0.0125 per GB
S3 One Zone - Infrequent Access * - For re-createable infrequently accessed data that needs millisecond access	
All Storage / Month	\$0.01 per GB
S3 Glacier ** - For long-term backups and archives with retrieval option from 1 minute to 12 hours	
All Storage / Month	\$0.004 per GB
S3 Glacier Deep Archive ** - For long-term data archiving that is accessed once or twice in a year and can be restored within 12 hours	
All Storage / Month	\$0.00099 per GB

Transfer Acceleration

- S3 Transfer Acceleration enables fast, easy and secure transfers of files over long distances between your end users and as S3 bucket.
- Transfer Acceleration takes advantage of Amazon CloudFront's globally distributed edge locations.
- As the data arrives at an edge location, data is routed to Amazon S3 over an optimized network path.

