

## Amazon S3 Storage Classes

Amazon S3 offers different storage classes optimized for varying access patterns and cost requirements. These are:

Storage Class	Use Case	Availability	Durability	Min Duration	Retrieval Fee
<b>S3 Standard</b>	Frequent access (general-purpose)	99.99%	99.999999999% (11 9s)	None	No
<b>S3 Intelligent-Tiering</b>	Automatically moves data between access tiers	99.9%–99.99%	11 9s	None	Small (rare)
<b>S3 Standard-IA</b>	Infrequent access (still needed quickly)	99.9%	11 9s	30 days	Yes
<b>S3 One Zone-IA</b>	Infrequent access, single AZ (lower cost, less durability)	99.5%	11 9s (1 AZ)	30 days	Yes
<b>S3 Glacier Instant Retrieval</b>	Archive with milliseconds access	99.9%	11 9s	90 days	Yes
<b>S3 Glacier Flexible Retrieval</b>	Archive, minutes to hours access (lower cost)	99.9%	11 9s	90 days	Yes
<b>S3 Glacier Deep Archive</b>	Long-term archive (12+ hours retrieval)	99.9%	11 9s	180 days	Yes
<b>S3 Reduced Redundancy (Deprecated)</b>	Lower durability (older, not recommended)	99.99%	99.99%	—	No