



Amazon S3

Object storage built to retrieve any amount of data from anywhere

Pay only for what you use. There is no minimum charge. Amazon S3 cost components are storage pricing, request and data retrieval pricing, data transfer and transfer acceleration pricing, data management and insights feature pricing, replication pricing, and transform and query feature pricing.

Storage & requests

Tables

Vectors

Data transfer

Security & buckets

Management & insights

Replication

Transform & query

Storage pricing

You pay for storing objects in your S3 buckets. The rate you're charged depends on your objects' size, how long you stored the objects during the month, and the storage class—S3 Standard, S3 Intelligent-Tiering, S3 Standard-Infrequent Access, S3 One Zone-Infrequent Access, S3 Express One Zone, S3 Glacier Instant Retrieval, S3 Glacier Flexible Retrieval (Formerly S3 Glacier), and S3 Glacier Deep Archive. You pay a monthly monitoring and automation charge per object stored in the S3 Intelligent-Tiering storage class to monitor access patterns and move objects between access tiers. In S3 Intelligent-Tiering there are no retrieval charges, and no additional tiering charges apply when objects are moved between access tiers.

There are per-request ingest charges when using PUT, COPY, or lifecycle rules to move data into any S3 storage class. Consider the ingest or transition cost before moving objects into any storage class. Estimate your costs using the [AWS Pricing Calculator](#). To find the best S3 storage class for your workload, learn more [here](#).

Please note that we list Storage Requests and Data Retrievals Pricing below the Storage Pricing table.

Region:

Europe (London)

	Storage pricing
S3 Standard - General purpose storage for any type of data, typically used for frequently accessed data	
First 50 TB / Month	\$0.024 per GB
Next 450 TB / Month	\$0.023 per GB
Over 500 TB / Month	\$0.022 per GB
S3 Intelligent - Tiering * - Automatic cost savings for data with unknown or changing access patterns	
Monitoring and Automation, All Storage / Month (Objects > 128 KB)	\$0.0025 per 1,000 objects
Frequent Access Tier, First 50 TB / Month	\$0.024 per GB
Frequent Access Tier, Next 450 TB / Month	\$0.023 per GB
Frequent Access Tier, Over 500 TB / Month	\$0.022 per GB
Infrequent Access Tier, All Storage / Month	\$0.0131 per GB
Archive Instant Access Tier, All Storage / Month	\$0.005 per GB
S3 Intelligent - Tiering * - Optional asynchronous Archive Access tiers	
Archive Access Tier, All Storage / Month	\$0.00405 per GB
Deep Archive Access Tier, All Storage / Month	\$0.0018 per GB
S3 Standard - Infrequent Access ** - For long lived but infrequently accessed data that needs millisecond access	
All Storage / Month	\$0.0131 per GB
S3 Express One Zone - High-performance storage for your most frequently accessed data	
All Storage / Month	N/A per GB
S3 Glacier Instant Retrieval *** - For long-lived archive data accessed once a quarter with instant retrieval in milliseconds	
All Storage / Month	\$0.005 per GB
S3 Glacier Flexible Retrieval *** - For long-term backups and archives with retrieval option from 1 minute to 12 hours	
All Storage / Month	\$0.00405 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	\$0.0018 per GB
S3 One Zone - Infrequent Access ** - For re-creatable infrequently accessed data that needs millisecond access	
All Storage / Month	\$0.01048 per GB

* S3 Intelligent-Tiering can store objects smaller than 128 KB, but auto-tiering has a minimum eligible object size of 128 KB. These smaller objects will not be monitored and will always be charged at the Frequent Access tier rates, with no monitoring and automation charge. For each object archived to the Archive Access tier or Deep Archive Access tier in S3 Intelligent-Tiering, Amazon S3 uses 8 KB of storage for the name of the object and other metadata (billed at S3 Standard storage rates) and 32 KB of storage for index and related metadata (billed at S3 Glacier Flexible Retrieval and S3 Glacier Deep Archive storage rates).

** S3 Standard-IA and S3 One Zone-IA storage have a minimum billable object size of 128 KB. Smaller objects may be stored but will be charged for 128 KB of storage at the appropriate storage class rate. S3 Standard-IA, and S3 One Zone-IA storage are charged for a minimum storage duration of 30 days, and objects deleted before 30 days incur a pro-rated charge equal to the storage charge for the remaining days. Objects that are deleted, overwritten, or transitioned to a different storage class before 30 days will incur the normal storage usage charge plus a pro-rated charge for the remainder of the 30-day minimum. This includes objects that are deleted as a result of file operations performed by [File Gateway](#). Objects stored for 30 days or longer will not incur a 30-day minimum charge.

*** For each object that is stored in the S3 Glacier Flexible Retrieval and S3 Glacier Deep Archive storage classes, AWS charges for 40 KB of additional metadata for each archived object, with 8 KB charged at S3 Standard rates and 32 KB charged at S3 Glacier Flexible Retrieval or S3 Deep Archive rates. This allows you to get a real-time list of all of your S3 objects using the S3 LIST API or the S3 Inventory report. S3 Glacier Instant Retrieval has a minimum billable object size of 128 KB. Smaller objects may be stored but will be charged for 128 KB of storage at the appropriate storage class rate. Objects that are archived to S3 Glacier Instant Retrieval and S3 Glacier Flexible Retrieval are charged for a minimum storage duration of 90 days, and S3 Glacier Deep Archive has a minimum storage duration of 180 days. Objects deleted prior to the minimum storage duration incur a pro-rated charge equal to the storage charge for the remaining days. Objects that are deleted, overwritten, or transitioned to a different storage class before the minimum storage duration will incur the normal storage usage charge plus a pro-rated storage charge for the remainder of the minimum storage duration. Objects stored longer than the minimum storage duration will not incur a minimum storage charge. For customers using the S3 Glacier direct API, pricing for API can be found on the [S3 Glacier API pricing page](#).

Requests & data retrievals

You pay for requests made against your S3 buckets and objects. S3 request costs are based on the request type, and are charged on the quantity of requests as listed in the table below. When you use the Amazon S3 console to browse your storage, you incur charges for GET, LIST, and other requests that are made to facilitate browsing. Charges are accrued at the same rate as requests that are made using the API/SDK. Reference the S3 developer guide for technical details on the following request types: [PUT](#), [COPY](#), [POST](#), [LIST](#), [GET](#), [SELECT](#), [Lifecycle Transition](#), and [Data Retrievals](#). DELETE and CANCEL requests are free. LIST requests for any storage class are charged at the same rate as S3 Standard PUT, COPY, and POST requests. You pay for retrievals when you GET an object stored in the S3 Standard – Infrequent Access, S3 One Zone – Infrequent Access, or S3 Glacier Instant Retrieval storage classes. When you restore an archive from the S3 Glacier Flexible Retrieval or S3 Glacier Deep Archive storage classes, you pay for retrievals as a part of the restore request. When you restore an archive, you pay for retrievals for both the archive (charged at the S3 Glacier Flexible Retrieval or S3 Glacier Deep Archive rate) and a copy, accessible with GET using the same object key, that you restored temporarily (charged at the S3 Standard storage rate for a duration of time you choose). Reference the S3 developer guide for technical details on [Data Retrievals](#).

S3 Lifecycle Transition request pricing below represents requests to that storage class. For example, transitioning data from S3 Standard to S3 Standard-Infrequent Access will be charged \$0.01 per 1,000 requests.

There are no retrieval charges in S3 Intelligent-Tiering. If an object in the infrequent access tier is accessed later, it is automatically moved back to the frequent access tier. No additional tiering charges apply when objects are moved between access tiers within the S3 Intelligent-Tiering storage class.

Region:

Europe (London)

	PUT, COPY, POST, LIST requests (per 1,000 requests)	GET, SELECT, and all other requests (per 1,000 requests)	Lifecycle transition requests into (per 1,000 requests)	Data retrieval requests (per 1,000 requests)	Data uploads (per GB)	Data retrievals (per GB)
S3 Standard	\$0.0053	\$0.00042	n/a	n/a	n/a	n/a
S3 Intelligent-Tiering *	\$0.0053	\$0.00042	\$0.01	n/a	n/a	n/a
Frequent Access	n/a	n/a	n/a	n/a	n/a	n/a
Infrequent Access	n/a	n/a	n/a	n/a	n/a	n/a
Archive Instant	n/a	n/a	n/a	n/a	n/a	n/a
Archive Access, Standard	n/a	n/a	n/a	n/a	n/a	n/a
Archive Access, Bulk	n/a	n/a	n/a	n/a	n/a	n/a
Archive Access, Expedited	n/a	n/a	n/a	\$10.50	n/a	\$0.0315
Deep Archive Access, Standard	n/a	n/a	n/a	n/a	n/a	n/a
Deep Archive Access, Bulk	n/a	n/a	n/a	n/a	n/a	n/a
S3 Standard-Infrequent Access **	\$0.01	\$0.001	\$0.01	n/a	n/a	\$0.01
S3 Glacier Instant Retrieval ****	\$0.02	\$0.01	\$0.02	n/a	n/a	\$0.03
S3 Glacier Flexible Retrieval ****	\$0.0318	\$0.00042	\$0.0318	See below	n/a	See below
Expedited	n/a	n/a	n/a	\$10.50	n/a	\$0.0315
Standard	n/a	n/a	n/a	\$0.053	n/a	\$0.0105
Bulk ****	n/a	n/a	n/a	n/a	n/a	n/a
Provisioned Capacity Unit *****	n/a	n/a	n/a	n/a	n/a	\$105.00 per unit
S3 Glacier Deep Archive ****	\$0.06	\$0.00042	\$0.06	See below	n/a	See below
Standard	n/a	n/a	n/a	\$0.106	n/a	\$0.021
Bulk	n/a	n/a	n/a	\$0.026	n/a	\$0.005
S3 One Zone-Infrequent Access **	\$0.01	\$0.001	\$0.01	n/a	n/a	\$0.01

S3 Lifecycle Transition request pricing above represents requests to that storage class.

* S3 Intelligent-Tiering standard and bulk data retrieval and restore requests are free of charge for all five access tiers: Frequent, Infrequent, Archive Instant, Archive, and Deep Archive access tiers. Subsequent restore requests called on objects already being restored will be billed as a GET request. Expedited retrievals are available for the S3 Intelligent-Tiering Archive Access Tier and are charged at the Expedited request and retrieval rate.

** S3 Standard-IA and S3 One Zone-IA storage are charged for a minimum storage duration of 30 days. Objects that are deleted, overwritten, or transitioned to a different storage class before the minimum storage duration will incur the normal storage usage charge plus a pro-rated charge for the remainder of the minimum storage duration. Objects stored longer than the minimum storage duration will not incur minimum charge.

*** S3 Express One Zone is the only storage class that supports the RenameObject API, which is priced the same as PUT, COPY, POST, LIST requests (per 1,000 requests) in S3 Express One Zone. There are no data upload or data retrieval charges with the RenameObject API.

**** Objects that are archived to S3 Glacier Instant Retrieval and S3 Glacier Flexible Retrieval are charged for a minimum storage duration of 90 days, and S3 Glacier Deep Archive has a minimum storage duration of 180 days. Objects deleted prior to the minimum storage duration incur a pro-rated charge equal to the storage charge for the remaining days. Objects that are deleted, overwritten, or transitioned to a different storage class before the minimum storage duration will incur the normal storage usage charge plus a pro-rated charge for the remainder of the minimum storage duration. Objects stored longer than the minimum storage duration will not incur a minimum charge. S3 Glacier Flexible Retrieval Bulk data retrievals and requests are free of charge.

***** Provisioned Capacity Units allow you to provision capacity for expedited retrievals from S3 Glacier for a given month. Each provisioned capacity unit can provide at least three expedited retrievals every five minutes and up to 150 MB/s of retrieval throughput.

S3 Pricing Details

Except as otherwise noted, our prices are exclusive of applicable taxes and duties, including VAT and applicable sales tax. For customers with a Japanese billing address, use of AWS is subject to Japanese Consumption Tax. To learn more, visit our [consumption tax FAQs](#).

Amazon S3 storage usage is calculated in binary gigabytes (GB), where 1 GB is 2³⁰ bytes. This unit of measurement is also known as a gibibyte (GiB), defined by the International Electrotechnical Commission (IEC). Similarly, 1 TB is 2⁴⁰ bytes, i.e. 1024 GBs.

For Reduced Redundancy Storage pricing please visit the [S3 Reduced Redundancy detail page](#).

For S3 pricing examples, go to the [S3 billing FAQs](#) or use the [AWS Pricing Calculator](#).

AWS Pricing Calculator

Estimate the cost for your storage solution. Configure a cost estimate that fits your unique business or personal needs with Amazon S3. [Try out the AWS Pricing Calculator](#).

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