Amazon S3 pricing

Pay only for what you use. There is no minimum charge. There are six Amazon S3 cost components to consider when storing and managing your data—storage pricing, request and data retrieval pricing, data transfer and transfer acceleration pricing, data management and analytics pricing, replication pricing, and the price to process your data with S3 Object Lambda.

Storage

Requests & data retrievals

Data transfer

You pay for all bandwidth into and out of Amazon S3, except for the following:

- Data transferred out to the internet for the first 100GB per month, aggregated across all AWS Services and Regions (except China and GovCloud)
- Data transferred in from the internet.
- Data transferred between S3 buckets in the same AWS Region.
- Data transferred from an Amazon S3 bucket to any AWS service(s) within the same AWS Region as the S3 bucket (including to a different account in the same AWS Region).
- Data transferred out to Amazon CloudFront (CloudFront).

The pricing below is based on data transferred "in" and "out" of Amazon S3 (over the public internet)†††. Learn more about AWS Direct Connect pricing.

For Data Transfers exceeding 500 TB/Month, please contact us.

Region: Asia Pacific (Singapore)

	Price
Data Transfer IN To Amazon S3 From Internet	
All data transfer in	$0.00 per GB
Data Transfer OUT From Amazon S3 To Internet	
AWS customers receive 100GB of data transfer out to the internet free each month, aggregated across all AWS Services and Regions (except China and GovCloud). The 100 GB free tier for data transfer out to the internet is global and does not apply separately or individually to AWS Regions.	
First 10 TB / Month	$0.12 per GB
Next 40 TB / Month	$0.085 per GB
Next 100 TB / Month	$0.082 per GB
Greater than 150 TB / Month	$0.08 per GB

Data Transfer OUT From Amazon S3 To

Data Transfer OUT From Amazon S3 To	
Amazon CloudFront	$0.00 per GB
AWS GovCloud (US-West)	$0.09 per GB
AWS GovCloud (US-East)	$0.09 per GB
Africa (Cape Town)	$0.09 per GB
Asia Pacific (Hong Kong)	$0.09 per GB
Asia Pacific (Jakarta)	$0.09 per GB
Asia Pacific (Mumbai)	$0.09 per GB
Asia Pacific (Osaka)	$0.09 per GB
Asia Pacific (Seoul)	$0.09 per GB
Asia Pacific (Sydney)	$0.09 per GB
Asia Pacific (Tokyo)	$0.09 per GB
Canada (Central)	$0.09 per GB
Europe (Frankfurt)	$0.09 per GB
Europe (Ireland)	$0.09 per GB
Europe (London)	$0.09 per GB
Europe (Milan)	$0.09 per GB
Europe (Paris)	$0.09 per GB
Europe (Stockholm)	$0.09 per GB
Middle East (Bahrain)	$0.09 per GB
South America (Sao Paulo)	$0.09 per GB
US East (N. Virginia)	$0.09 per GB
US East (Ohio)	$0.09 per GB
US East (Verizon) - Atlanta	$0.09 per GB
US East (Verizon) - Nashville	$0.09 per GB
US East (Verizon) - Tampa	$0.09 per GB
US West (Los Angeles)	$0.09 per GB

Data Transfer OUT From Amazon S3 To	
US West (N. California)	$0.09 per GB
US West (Oregon)	$0.09 per GB
Asia Pacific (KDDI) - Osaka	$0.09 per GB
Asia Pacific (KDDI) - Tokyo	$0.09 per GB
Asia Pacific (SKT) - Daejeon	$0.09 per GB
Asia Pacific (SKT) - Seoul	$0.09 per GB
Canada (BELL) - Toronto	$0.09 per GB
Europe (Vodafone) - Berlin	$0.09 per GB
Europe (Vodafone) - Dortmund	$0.09 per GB
Europe (Vodafone) - London	$0.09 per GB
Europe (Vodafone) - Munich	$0.09 per GB
US East (Verizon) - Boston	$0.09 per GB
US East (Verizon) - Charlotte	$0.09 per GB
US East (Verizon) - Chicago	$0.09 per GB
US East (Verizon) - Dallas	$0.09 per GB
US East (Verizon) - Detroit	$0.09 per GB
US East (Verizon) - Houston	$0.09 per GB
US East (Verizon) - Miami	$0.09 per GB
US East (Verizon) - Minneapolis	$0.09 per GB
US East (Verizon) - New York	$0.09 per GB
US East (Verizon) - Washington DC	$0.09 per GB
US West (Verizon) - Denver	$0.09 per GB
US West (Verizon) - Las Vegas	$0.09 per GB
US West (Verizon) - Los Angeles	$0.09 per GB
US West (Verizon) - Phoenix	$0.09 per GB
US West (Verizon) - San Francisco Bay Area	$0.09 per GB

Data Transfer OUT From Amazon S3 To	
US West (Verizon) - Seattle	$0.09 per GB

S3 Multi-Region Access Points pricing

Amazon S3 Multi-Region Access Points accelerate performance by up to 60% when accessing data sets that are replicated across multiple AWS Regions. Based on AWS Global Accelerator, S3 Multi-Region Access Points consider factors like network congestion and the location of the requesting application to dynamically route your requests over the AWS network to the lowest latency copy of your data. This automatic routing allows you to take advantage of the global infrastructure of AWS while maintaining a simple application architecture.

S3 Multi-Region Access Points data routing pricing

When you use an S3 Multi-Region Access Point to route requests within AWS, you pay a data routing cost for each gigabyte (GB) processed, as well as standard charges for S3 requests, storage, data transfer, and replication.

S3 Multi-Region Access Points data routing	Pricing
Data routing cost	$0.0033 per GB

S3 Multi-Region Access Points internet acceleration pricing

If your application runs outside of AWS and accesses S3 over the internet, S3 Multi-Region Access Points increase performance by automatically routing your requests through an AWS edge location, over the global private AWS network, to the closest copy of your data based on access latency. When you accelerate requests made over the internet, you pay the data routing cost outlined above and an internet acceleration cost.

S3 Multi-Region Access Points internet acceleration pricing varies based on whether the source client is in the same or in a different location as the destination AWS Region, and is in addition to standard S3 data transfer pricing.

For S3 Multi-Region Access Points availability in AWS Regions, please visit the user guide.

Internet acceleration pricing between locations

North America

Europe

Asia Pacific

South America

S3 Multi-Region Access Points pricing examples

Example 1: Using S3 Multi-Region Access Points within an AWS Region

You have an application in US East (N. Virginia), and an S3 Multi-Region Access Point that is configured to dynamically route requests to an S3 bucket in either US East (N. Virginia) or US West (Oregon). Your application sends a 10 GB file through an S3 Multi-Region Access Point. In this case, the lowest latency bucket to your application will be the bucket in US East (N. Virginia), so your requests will remain within that region. We calculate your cost as follows.

> **S3 Multi-Region Access Point data routing cost:** The S3 Multi-Region Access Point data routing cost is $0.0033 per GB. In this example, 10 GB of data was routed by your S3 Multi-Region Access Point.
>
> Total S3 Multi-Region Access Point data routing cost = $0.0033 * 10 GB = **$0.033**
>
> **Total charges**:
>
> S3 Multi-Region Access Point data routing = **$0.033**
>
> Total = **$0.033**

Example 2: Using S3 Multi-Region Access Points across AWS Regions

You have an application in US East (N. Virginia) and a S3 Multi-Region Access Point that is configured to dynamically route requests to an S3 bucket in either US East (Ohio) or US West (Oregon). Your application sends a 10 GB file through an S3 Multi-Region Access Point. In this case, the lowest latency bucket to your application will be the bucket in US East (Ohio).

Since your application is in US East (N. Virginia) and your lowest latency bucket is in US East (Ohio), your requests will automatically traverse the private AWS network from one AWS Region to another

AWS Region. As a result, you will incur standard AWS cross-region data transfer charges, in addition to a S3 Multi-Region Access Point data routing cost. We calculate your cost as follows.

S3 Multi-Region Access Point data routing cost

The S3 Multi-Region Access Point data routing cost is $0.0033 per GB. In this example, 10 GB of data was routed by your S3 Multi-Region Access Point.

Total S3 Multi-Region Access Point data routing cost = $0.0033 * 10 GB = **$0.033**

Data transfer charges from Amazon EC2 in US East (N. Virginia) to Amazon S3 in US East (Ohio)

The data transfer charge from US East (N. Virginia) to US East (Ohio) is $0.01 per GB. In this example, 10 GB of data went through your S3 Multi-Region Access Point and was routed over the private AWS network from your application in US East (N. Virginia), to an S3 bucket in US East (Ohio).

Total S3 data transfer cost = $0.01 * 10 GB = **$0.10**

Total Charges:

S3 Multi-Region Access Point data routing cost = $0.033

S3 data transfer charges - US East (N. Virginia) to US East (Ohio) = $0.10

Total = $0.133

Example 3: Using S3 Multi-Region Access Points over the internet

You have an application that supports customers in North America, Europe, and Asia. These customers send and receive data over the internet to and from an S3 bucket in either US East (N. Virginia), or Europe (Ireland). You created an S3 Multi-Region Access Point to accelerate your application by routing customer requests to the S3 bucket closest to them.

One of your customers sends 10 GB over the internet into S3 from a client in North America. This request is automatically routed to the bucket in US East (N. Virginia). A second customer downloads 10 GB of data over the internet from S3 to a client in Europe. This request is automatically routed to the bucket in Europe (Ireland). A third customer downloads 10 GB of data over the internet from S3 to a client in Asia. This request is automatically routed to the bucket in Europe (Ireland) as well.

Since two of your customers are transferring data out of S3 over the internet you will incur standard AWS data transfer out charges, in addition to a S3 Multi-Region Access Point data routing cost. We calculate your cost as follows.

S3 Multi-Region Access Point data routing cost

The S3 Multi-Region Access Point data routing cost is $0.0033 per GB. In this example, 30 GB of data was routed by your S3 Multi-Region Access Point to your buckets.

Total S3 Multi-Region Access Point data routing cost = $0.0033 * 30 GB = **$0.099**

S3 Multi-Region Access Point internet acceleration cost:

The 10 GB uploaded from a client in North America, through an S3 Multi-Region Access Point, to a bucket in North America will incur a charge of $0.0025 per GB.

The 10 GB downloaded from a bucket in Europe, through an S3 Multi-Region Access Point, to a client in Europe will incur a charge of $0.005 per GB.

The 10 GB downloaded from a bucket in Europe, through an S3 Multi-Region Access Point, to a client in Asia will incur a charge of $0.05 per GB.

Total S3 Multi-Region Access Point internet acceleration cost = $0.0025 * 10 GB + $0.005 * 10 GB + $0.05 * 10 GB = **$0.575**

S3 data transfer OUT from Amazon S3 in Europe (Ireland) to internet

The Data Transfer out charge from Amazon S3 in Europe (Ireland) to internet is $0.09 per GB. In this example, 20 GB were transferred out; one to a client in Europe, and one to a client in Asia.

Total data transfer cost = $0.09 * 20 GB = **$1.80**

Total Charges:

S3 Multi-Region Access Point data routing cost = $0.099

S3 Multi-Region Access Point internet acceleration cost = $0.575

S3 data transfer charges - Europe (Ireland) data transfer OUT to internet = $1.80

Total = $2.474

S3 Transfer Acceleration pricing

S3 Transfer Acceleration accelerates internet transfers between the client and a single S3 bucket. Pricing is based on the AWS edge location used to accelerate your transfer. S3 Transfer Acceleration pricing is in addition to Data Transfer pricing.

Each time you use S3 Transfer Acceleration to upload an object, we will check whether the service is likely to be faster than a regular Amazon S3 transfer. If we determine that it is not likely to be faster than a regular Amazon S3 transfer of the same object to the same destination AWS Region, we will not

charge for that use of S3 Transfer Acceleration for that transfer, and may bypass the S3 Transfer Acceleration system for that upload.

Check your performance with the Amazon S3 Transfer Acceleration speed comparison tool.

Data Transfer IN to Amazon S3 from the Internet:	
Accelerated by AWS Edge Locations in the United States, Europe, and Japan	$0.04 per GB
Accelerated by all other AWS Edge Locations	$0.08 per GB
Data Transfer OUT from Amazon S3 to the Internet:	
Accelerated by any AWS Edge Location	$0.04 per GB
Data Transfer between Amazon S3 and another AWS region:	
Accelerated by any AWS Edge Location	$0.04 per GB

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.

For Data Transfers exceeding 500 TB/Month, please contact us.

Storage and bandwidth size includes all file overhead.

Amazon S3 storage usage is calculated in binary gigabytes (GB), where 1 GB is 2^{30} bytes. This unit of measurement is also known as a gibibyte (GiB), defined by the International Electrotechnical Commission (IEC). Similarly, 1 TB is 2^{40} bytes, i.e. 1024 GBs.

Rate tiers take into account your aggregate usage for Data Transfer Out to the Internet across all AWS services.

††† Data Transfer Out may be different from the data received by your application in case the connection is prematurely terminated by you, for example, if you make a request for a 10 GB object and terminate the connection after receiving the first 2 GB of data. Amazon S3 attempts to stop the streaming of data, but it does not happen instantaneously. In this example, the Data Transfer Out may be 3 GB (1 GB more than 2 GB you received). As a result, you will be billed for 3 GB of Data Transfer Out.

For S3 pricing examples, go to the S3 billing FAQs or use the AWS Pricing Calculator.

Management & analytics

Replication

S3 Object Lambda

AWS Free Tier

As part of the AWS Free Tier, you can get started with Amazon S3 for free. Upon sign-up, new AWS customers receive 5GB of Amazon S3 storage in the S3 Standard storage class; 20,000 GET Requests; 2,000 PUT, COPY, POST, or LIST Requests; and 100 GB of Data Transfer Out each month.

Your usage for the free tier is calculated each month across all AWS Regions except the AWS GovCloud Region and automatically applied to your bill; unused monthly usage will not roll over. Restrictions apply; see offer terms for more details.

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.

Ready to get started?

Check out Amazon S3 features

Learn more about features for data management, security, access management, analytics, and more.
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