

## Introducing Amazon S3:



← → ↻ ⌂ 🔒 s3.console.aws.amazon.com/s3/get-started?region=us-east-1

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Storage

# Amazon S3

Store and retrieve any amount of data from anywhere

Amazon S3 is an object storage service that offers industry-leading scalability, data availability, security, and performance.

### Create a bucket

Every object in S3 is stored in a bucket. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.

[Create bucket](#)

### How it works

Introduction to Amazon S3

[Copy link](#)

### Pricing

With S3, there are no minimum fees. You only pay for what you use. Prices are based on the location of your S3 bucket.

Estimate your monthly bill using the [AWS Simple Monthly Calculator](#)

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Amazon S3 > Buckets > Create bucket

## Create bucket [Info](#)

Buckets are containers for data stored in S3. [Learn more](#)

### General configuration

Bucket name

Bucket name must be unique and must not contain spaces or uppercase letters. [See rules for bucket naming](#)

AWS Region

US East (N. Virginia) us-east-1

Copy settings from existing bucket - *optional*  
Only the bucket settings in the following configuration are copied.

Choose bucket

### Object Ownership

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Amazon S3 > Buckets > Create bucket

## Block Public Access settings for this bucket

Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

☐ **Block all public access**  
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.

- ☐ **Block public access to buckets and objects granted through new access control lists (ACLs)**  
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
- ☐ **Block public access to buckets and objects granted through any access control lists (ACLs)**  
S3 will ignore all ACLs that grant public access to buckets and objects.
- ☐ **Block public access to buckets and objects granted through new public bucket or access point policies**  
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
- ☐ **Block public and cross-account access to buckets and objects through any public bucket or access point policies**  
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

**Turning off block all public access might result in this bucket and the objects within becoming public**

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Amazon S3 > Buckets > Create bucket

## Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Bucket Versioning

☐ Disable

☒ Enable

### Tags (0) - optional

Track storage cost or other criteria by tagging your bucket. [Learn more](#)

No tags associated with this bucket.

Add tag

### Default encryption

Automatically encrypt new objects stored in this bucket. [Learn more](#)

https://s3.console.aws.amazon.com/s3/console/home?region=us-east-1 Unified Settings

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**Amazon S3** ✕

- Buckets**
- Access Points
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- Access analyzer for S3
- Block Public Access settings for this account
- ▼ **Storage Lens**
  - Dashboards
  - AWS Organizations settings
- Feature spotlight 3

✔ **Successfully created bucket "myawsbucket2407"** View details ✕ ⓘ  
To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3 > Buckets

▼ **Account snapshot** View Storage Lens dashboard  
Last updated: Jun 20, 2022 by Storage Lens. Metrics are generated every 24 hours. [Learn more](#)

Total storage	Object count	Avg. object size	You can enable advanced metrics in the "default-account-dashboard" configuration.
167.9 KB	36	4.7 KB	

**Buckets (1)** Info  
Buckets are containers for data stored in S3. [Learn more](#)

🔄

📄 Copy ARN

Empty

Delete

Create bucket

< 1 > ⚙️

← → ↻ 🏠 🔒 s3.console.aws.amazon.com/s3/buckets/myawsbucket2407?region=us-east-1&tab=properties

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Objects Properties Permissions Metrics Management Access Points

**Bucket overview**

AWS Region	Amazon Resource Name (ARN)	Creation date
US East (N. Virginia) us-east-1	arn:aws:s3::myawsbucket2407	July 1, 2022, 11:21:37 (UTC+05:30)

**Bucket Versioning**  
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. [Learn more](#)

Edit

Bucket Versioning  
**Enabled**

Multi-factor authentication (MFA) delete  
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object.

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Objects Properties Permissions Metrics Management Access Points

**Permissions overview**

Access  
Objects can be public

**Block public access (bucket settings)**  
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Edit

**Block all public access**  
**Off**

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s3.console.aws.amazon.com/s3/upload/myawsbucket2407?region=us-east-1

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Amazon S3

Buckets

myawsbucket2407

Upload

# Upload

Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)

Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.

**Files and folders** (1 Total, 1.3 MB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	fountain.jpg	-	image/jpeg	1.3 MB

Destination

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Storage class

Designed for

Availability Zones

Min storage duration

☒

Standard

Frequently accessed data (more than once a month) with milliseconds access

≥ 3

-

-

☐

Intelligent-Tiering

Data with changing or unknown access patterns

≥ 3

-

-

☐

Standard-IA

Infrequently accessed data (once a month) with milliseconds access

≥ 3

30 days

1

☐

One Zone-IA

Recreatable, infrequently accessed data (once a month) stored in a single Availability Zone with milliseconds access

1

30 days

1

☐

Glacier Instant Retrieval

Long-lived archive data accessed once a quarter with instant retrieval in milliseconds

≥ 3

90 days

1

☐

Glacier Flexible Retrieval (formerly Glacier)

Long-lived archive data accessed once a year with retrieval of minutes to hours

≥ 3

90 days

-

☐

Glacier Deep Archive

Long-lived archive data accessed less than once a year with retrieval of hours

≥ 3

180 days

-

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🔔 Upload succeeded  
View details below.

### Summary

Destination s3://myawsbucket2407	Succeeded 🟢 1 file, 1.3 MB (100.00%)	Failed 🔴 0 files, 0 B (0%)
-------------------------------------	---	-------------------------------

Files and folders

Configuration

#### Files and folders (1 Total, 1.3 MB)

🔍 Find by name

Name	Folder	Type	Size	Status	Error
fountain.jpg	-	image/jpeg	1.3 MB	🟢 Succeeded	-

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← → ↻ 🏠 s3.console.aws.amazon.com/s3/buckets/mybucket2407?region=us-east-1&tab=objects&showversions=true

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🔔 Learn how to build multi-region apps with the same architecture used in a single region. [Get started](#)

Objects

Properties Permissions Metrics Management Access Points

### Objects (2)

Objects are the fundamental entities stored in Amazon S3. You can use [Amazon S3 inventory](#) to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. [Learn more](#)

🔄 Copy S3 URI 📄 Copy URL 📄 Download 📄 Open 🗑️ Delete ⌵ Actions 📁 Create folder

📁 Upload

🔍 Find objects by prefix ☐ Show versions

<input type="checkbox"/>	Name	Type	Version ID	Last modified	Size	Storage class
<input type="checkbox"/>	fountain.jpg	jpg	xCdU2xhXfhJ1WWDuSeeJh9ytkVUFFwKO	July 1, 2022, 11:32:31 (UTC+05:30)	1.3 MB	Standard
<input type="checkbox"/>	fountain.jpg	jpg	DiDtYNYZ8z5sarB.Tsde6zH7EeWcyqs_	July 1, 2022, 11:31:37 (UTC+05:30)	1.3 MB	Standard

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