

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.

How it works



Introduction to Amazon S3 | Amazon Web Services

Copy link

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

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](#)

aws | Search [Alt+S] | United States (N. Virginia) ▾ | Account ID: 2973-8571-7177 ▾ | nrsdevops

Amazon S3 > Buckets > Create bucket

General configuration

AWS Region

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

Bucket type

General purpose
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

Directory
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name

nrs-s3-bucket

Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn more](#)

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

Format: s3://bucket/prefix

Object Ownership [Info](#)

Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

Object Ownership

ACLs disabled (recommended)

All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.

ACLs enabled

Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.

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.

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

You can add up to 50 tags.

Default encryption Info

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type Info

Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the [Amazon S3 pricing page](#). ↗

- Server-side encryption with Amazon S3 managed keys (SSE-S3)
- Server-side encryption with AWS Key Management Service keys (SSE-KMS)
- Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)

Bucket Key

Using an S3 Bucket Key for SSE-KMS reduces encryption costs by lowering calls to AWS KMS. S3 Bucket Keys aren't supported for DSSE-KMS. [Learn more](#) ↗

- Disable
- Enable

► Advanced settings

i After creating the bucket, you can upload files and folders to the bucket, and configure additional bucket settings.

Cancel

Create bucket

✓ Successfully created bucket "nrs-s3-bucket"

To upload files and folders, or to configure additional bucket settings, choose [View details](#).

[View details](#) X

General purpose buckets

All AWS Regions

Directory buckets

General purpose buckets (1) [Info](#)

Buckets are containers for data stored in S3.

Find buckets by name



[Copy ARN](#)

Empty

Delete

[Create bucket](#)

< 1 > |

Name

AWS Region

Creation date

[nrs-s3-bucket](#)

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

November 14, 2025, 19:08:09
(UTC+05:30)

► Account snapshot [Info](#)

Updated daily

Storage Lens provides visibility into storage usage and activity trends.

[View dashboard](#)

► External access summary - new [Info](#)

Updated daily

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

nrs-s3-bucket

Objects

[Metadata](#)[Properties](#)[Permissions](#)[Metrics](#)[Management](#)[Access Points](#)**Objects (0)**[Copy S3 URI](#)[Copy URL](#)[Download](#)[Open](#)[Delete](#)[Actions ▾](#)[Create folder](#)[Upload](#)

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](#)

 Find objects by prefix 1   Name Type Last modified Size Storage class**No objects**

You don't have any objects in this bucket.

[Upload](#)

nrs-s3-bucket

[Objects](#)[Metadata](#)[Properties](#)[Permissions](#)[Metrics](#)[Management](#)[Access Points](#)

Bucket overview

AWS Region

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

Amazon Resource Name (ARN) arn:aws:s3:::nrs-s3-bucket**Creation date**

November 14, 2025, 19:08:09 (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 ↗](#)

Bucket Versioning

Disabled

Multi-factor authentication (MFA) delete

An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more ↗](#)

Disabled

Tags (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more ↗](#)

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Amazon S3 > Buckets > nrs-s3-bucket

Default encryption

Server-side encryption is automatically applied to new objects stored in this bucket.

Encryption type [Info](#)

Server-side encryption with Amazon S3 managed keys (SSE-S3)

Bucket Key

When KMS encryption is used to encrypt new objects in this bucket, the bucket key reduces encryption costs by lowering calls to AWS KMS. [Learn more ↗](#)

Enabled

Intelligent-Tiering Archive configurations (0)

Enable objects stored in the Intelligent-Tiering storage class to tier-down to the Archive Access tier or the Deep Archive Access tier which are optimized for objects that will be rarely accessed for long periods of time. [Learn more ↗](#)

Find Intelligent-Tiering Archive configurations

Name	Status	Scope	Days until transition to Archive Acc...	Days until transition to Deep Archi...
------	--------	-------	---	--

No archive configurations

No configurations to display.

[Create configuration](#)

AWS S3 Bucket Overview

The screenshot shows the AWS S3 console interface for the bucket 'nrs-s3-bucket'. The top navigation bar includes the AWS logo, a search bar, and account information (Account ID: 2973-8571-7177, nrsdevops). The left sidebar shows the navigation path: Amazon S3 > Buckets > nrs-s3-bucket. The main content area displays the 'Objects' tab, which is currently selected. It shows 0 objects. There are several actions available: Copy S3 URI, Copy URL, Download, Open, Delete, Actions (dropdown), Create folder, and Upload (highlighted with a red box). A search bar at the bottom allows finding objects by prefix. The table headers for the object list are Name, Type, Last modified, Size, and Storage class. A message indicates there are no objects in the bucket, and a blue 'Upload' button is available.

Search [Alt+S]

United States (N. Virginia)

Account ID: 2973-8571-7177
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Amazon S3 > Buckets > nrs-s3-bucket

nrs-s3-bucket [Info](#)

Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points

Objects (0)

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](#)

Find objects by prefix

[Actions](#) [Create folder](#) [Upload](#)

Name	Type	Last modified	Size	Storage class
------	------	---------------	------	---------------

No objects

You don't have any objects in this bucket.

[Upload](#)

Click to go back (Alt+Left arrow), hold to see history



Search

[Alt+S]



United States (N. Virginia) ▾
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Account ID: 2973-8571-7177 ▾

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☰ Amazon S3 > Buckets > nrs-s3-bucket > 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 SDKs or Amazon S3 REST API. [Learn more ↗](#)

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

Files and folders (0)

All files and folders in this table will be uploaded.

Find by name

< 1 >

Remove

Add files

Add folder

Name

Folder

Type

Size

No files or folders

You have not chosen any files or folders to upload.

Destination Info

Destination

[s3://nrs-s3-bucket ↗](s3://nrs-s3-bucket)

► Destination details

Bucket settings that impact new objects stored in the specified destination.

AWS S3 Upload Interface

Account ID: 2973-8571-7177
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Amazon S3 > Buckets > nrs-s3-bucket > 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 SDKs or Amazon S3 REST API. [Learn more](#)

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

Files and folders (1 total, 493.5 KB)

All files and folders in this table will be uploaded.

<input type="checkbox"/>	Name	Folder	Type	Size	<input type="checkbox"/>
<input type="checkbox"/>	Screenshot (2).png	-	image/png	493.5 KB	<input type="checkbox"/>

Destination Info

Destination

<s3://nrs-s3-bucket>

► Destination details

Bucket settings that impact new objects stored in the specified destination.

Add files (highlighted with a red box)

Add folder



Search

[Alt+S]



United States (N. Virginia) ▾

Account ID: 2973-8571-7177 ▾

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Amazon S3 > Buckets > nrs-s3-bucket > Upload

i | E | C

Files and folders (1 total, 493.5 KB)

All files and folders in this table will be uploaded.

Find by name

< 1 >

<input type="checkbox"/> Name	Folder	Type	<input type="checkbox"/> Size
<input type="checkbox"/> Screenshot (2).png	-	image/png	493.5 KB

[Remove](#)[Add files](#)[Add folder](#)

Destination [Info](#)

Destination

[s3://nrs-s3-bucket ↗](#)

▶ Destination details

Bucket settings that impact new objects stored in the specified destination.

▶ Permissions

Grant public access and access to other AWS accounts.

▶ Properties

Specify storage class, encryption settings, tags, and more.

[Cancel](#)[Upload](#)



Search

[Alt+S]



United States (N. Virginia)

Account ID: 2973-8571-7177

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✓ Upload succeeded

For more information, see the [Files and folders](#) table.



Upload status



ⓘ After you navigate away from this page, the following information is no longer available.

Summary

Destination

s3://nrs-s3-bucket

Succeeded

✓ 1 file, 493.5 KB (100.00%)

Failed

⌚ 0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 total, 493.5 KB)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
Screenshot (2).png ↗	-	image/png	493.5 KB	✓ Succeeded	-

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Amazon S3 > Buckets > nrs-s3-bucket > Screenshot (2).png

Amazon S3

General purpose buckets

- Directory buckets
- Table buckets
- Vector buckets
- Access Grants
- Access Points (General Purpose Buckets, FSx file systems)
- Access Points (Directory Buckets)
- Object Lambda Access Points
- Multi-Region Access Points
- Batch Operations
- IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

- Dashboards
- Storage Lens groups
- AWS Organizations settings

Screenshot (2).png Info

Properties Permissions Versions

Object overview

Owner
57bcbe5145e7220e7b7e1030fe1d5aec50d011ed117bad3a86c6562dbfb8a759

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

Last modified
November 14, 2025, 19:25:02 (UTC+05:30)

Size
493.5 KB

Type
png

Key
Screenshot (2).png

S3 URI
[s3://nrs-s3-bucket/Screenshot \(2\).png](s3://nrs-s3-bucket/Screenshot (2).png)

Amazon Resource Name (ARN)
[arn:aws:s3:::nrs-s3-bucket/Screenshot \(2\).png](arn:aws:s3:::nrs-s3-bucket/Screenshot (2).png)

Entity tag (Etag)
[762a07d770855295f2d7ca331cd79c28](#)

Object URL
[https://nrs-s3-bucket.s3.us-east-1.amazonaws.com/Screenshot+\(2\).png](https://nrs-s3-bucket.s3.us-east-1.amazonaws.com/Screenshot+(2).png)

Copy S3 URI Download Open ↗ Object actions ▾

