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Global

Bhavya Muvva

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

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](#)

[View pricing details](#)

Resources

How it works

aws

Introduction to Amazon S3

Copy link

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Amazon S3 > Buckets > Create bucket

Create bucket

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

General configuration

Bucket name

bucket-279

Bucket name must be globally unique and must not contain spaces or uppercase letters. See rules for bucket naming

AWS Region

US East (Ohio) us-east-2

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration are copied.

Choose bucket

Object Ownership

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.

☒ ACLs disabled (recommended)

All objects in this bucket are owned by this account.

☐ ACLs enabled

Objects in this bucket can be owned by other AWS.

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Amazon S3

Buckets

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Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Feature spotlight

AWS Marketplace for S3

Amazon S3 > Buckets

Account snapshot

Storage lens provides visibility into storage usage and activity trends. [Learn more](#)

[View Storage Lens dashboard](#)

Buckets (1)

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

[Find buckets by name](#)

Name	AWS Region	Access	Creation date
bucket-279	US East (Ohio) us-east-2	Bucket and objects not public	October 21, 2022, 08:27:02 (UTC+05:30)

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Amazon S3

Buckets

bucket-279

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 (0)

All files and folders in this table will be uploaded.

< 1 >

	Name	Folder	Type	Size
No files or folders				
You have not chosen any files or folders to upload.				

Destination

Destination

Upload succeeded

View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination	Succeeded	Failed
s3://bucket-279	1 file, 19.0 B (100.00%)	0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 19.0 B)

< 1 >

Name	Folder	Type	Size	Status	Error
sas.txt	-	text/plain	19.0 B	Succeeded	-

Amazon S3

Buckets

bucket-279

sas.txt

sas.txt

info

Copy S3 URI

Download

Open

Object actions

Properties

Permissions

Versions

Object overview

Owner

db3651d54e5fe11e9dcc6bb90952adf4ff4e5476ed1c506951030e2a58902

AWS Region

US East (Ohio) us-east-2

Last modified

October 21, 2022, 08:33:14 (UTC+05:30)

Size

19.0 B

Type

txt

Key

sas.txt

S3 URI

s3://bucket-279/sas.txt

Amazon Resource Name (ARN)

arn:aws:s3::bucket-279/sas.txt

Entity tag (Etag)

636351fcb9197f5e75b845628508bbb1

Object URL

https://bucket-279.s3.us-east-2.amazonaws.com/sas.txt

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Amazon S3 > Buckets > bucket-279 > 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, 241.0 B)

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"/>	vig.html	-	text/html	241.0 B

Destination

Destination

[s3://bucket-279](#)

► Destination details

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

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Upload succeeded

View details below.

Upload: status

Close

The information below will no longer be available after you navigate away from this page.

Summary

Destination

[s3://bucket-279](#)

Succeeded

1 file, 241.0 B (100.00%)

Failed

0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 Total, 241.0 B)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
vig.html	-	text/html	241.0 B	Succeeded	-

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Object Lock

Edit

Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. [Learn more](#)

Object Lock

Disabled

Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact [Customer Support](#)

Requester pays

Edit

When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. [Learn more](#)

Requester pays

Disabled

Static website hosting

Edit

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

Disabled

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Edit static website hosting

info

Static website hosting

Use this bucket to host a website or redirect requests. [Learn more](#)

Static website hosting

☐ Disable

☒ Enable

Hosting type

☒ Host a static website

Use the bucket endpoint as the web address. [Learn more](#)

☐ Redirect requests for an object

Redirect requests to another bucket or domain. [Learn more](#)

For your customers to access content at the website endpoint, you must make all your content publicly readable. To do so, you can edit the S3 Block Public Access settings for the bucket. For more information, see [Using Amazon S3 Block Public Access](#)

Index document

Specify the home or default page of the website.

vig.html

Error document - optional

This is returned when an error occurs.

error.html

Redirection rules - optional

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Amazon S3

>

Buckets

>

bucket-279

bucket-279

info

Objects

Properties

Permissions

Metrics

Management

Access Points

Permissions overview

Access

Bucket and objects not public

Block public access (bucket settings)

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 all your S3 buckets and 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 your buckets or objects within, you can customize the individual settings below to suit your specific storage use cases. [Learn more](#)

Edit

Block all public access

On

Individual Block Public Access settings for this bucket

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Edit Block public access (bucket settings)

info

Block public access (bucket settings)

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 all your S3 buckets and 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 your buckets 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.

Cancel

Save changes

Feedback

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Edit Block public access (bucket settings)



Updating the Block Public Access settings for this bucket will affect this bucket and all objects within. This may result in some objects becoming public.

To confirm the settings, enter *confirm* in the field.

Cancel

Confirm

Search in this guide

Contact Us English Sign In to the Console

AWS > Documentation > Amazon Simple Storage Service (S3) > User Guide

Feedback Preferences

Amazon Simple Storage Service

User Guide

What is Amazon S3?

Getting started

Tutorials

Transforming data with S3

Object Lambda

Detecting and redacting PII data

Hosting video streaming

Batch-transcoding videos

Configuring a static website

Configuring a static website using a custom domain

Working with buckets

Working with objects

Working with access points

Working with Multi-Region Access Points

Security

```
{  "Version": "2012-10-17",  "Statement": [    {      "Sid": "PublicReadGetObject",      "Effect": "Allow",      "Principal": "*",      "Action": [        "s3:GetObject"      ],      "Resource": [        "arn:aws:s3:::Bucket-Name/*"      ]    }  ]}
```

5. Update the `Resource` to your bucket name.
In the preceding example bucket policy, `Bucket-Name` is a placeholder for the bucket name. To use this bucket policy with your own bucket, you must update this name to match your bucket name.

6. Choose **Save changes**.
A message appears indicating that the bucket policy has been successfully added.
If you see an error that says `Policy has invalid resource`, confirm that the bucket name in the bucket policy matches your bucket name. For information about adding a bucket policy, see [How](#)

On this page

Step 1: Create a bucket

Step 2: Enable static website hosting

Step 3: Edit Block Public Access settings

Step 4: Add a bucket policy that makes your bucket content publicly available

Step 5: Configure an index document

Step 6: Configure an error document

Step 7: Test your website endpoint

Step 8: Clean up

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Amazon S3 > Buckets > bucket-279 > vig.html

Copy S3 URI Download Open Object actions

Properties Permissions Versions

Object overview

Owner

dbe3651d54e5fe11e9dcc6bbb90952adf4ff4e54767ed1c506951030e2a58902

AWS Region

US East (Ohio) us-east-2

Last modified

October 21, 2022, 08:38:10 (UTC+05:30)

Size

241.0 B

Type

html

Key

vig.html

S3 URI

s3://bucket-279/vig.html

Amazon Resource Name (ARN)

arn:aws:s3:::bucket-279/vig.html

Entity tag (Etag)

a654fdf35b141eadf51466a167e04caa

Object URL

https://bucket-279.s3.us-east-2.amazonaws.com/vig.html

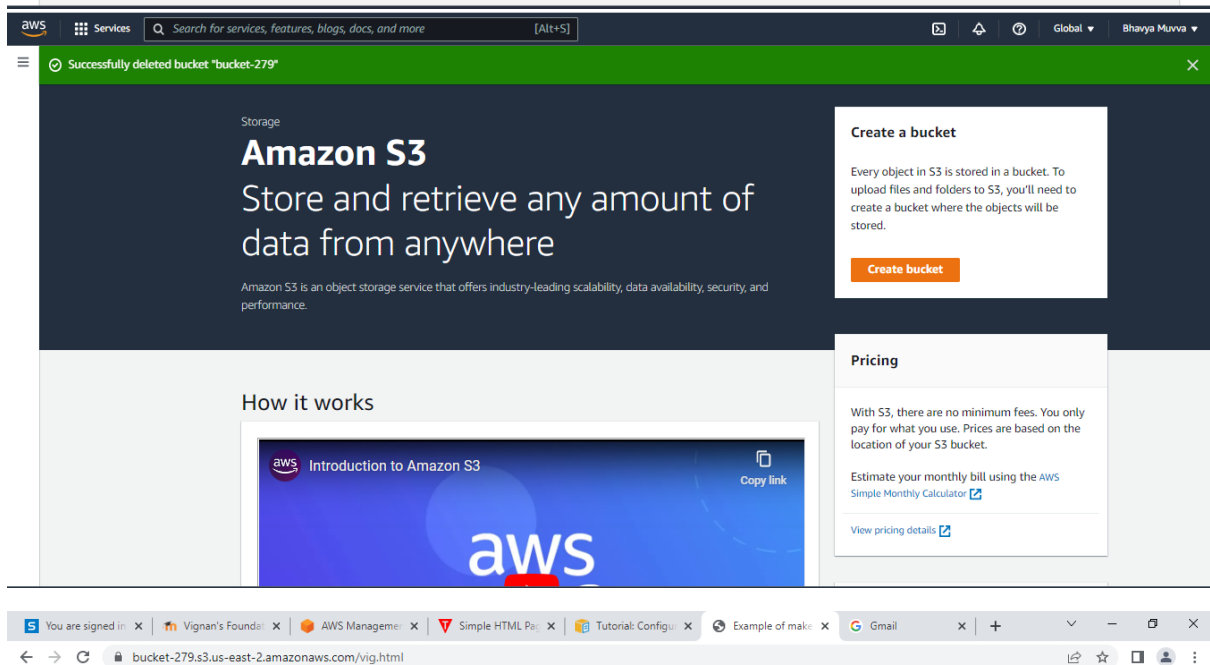
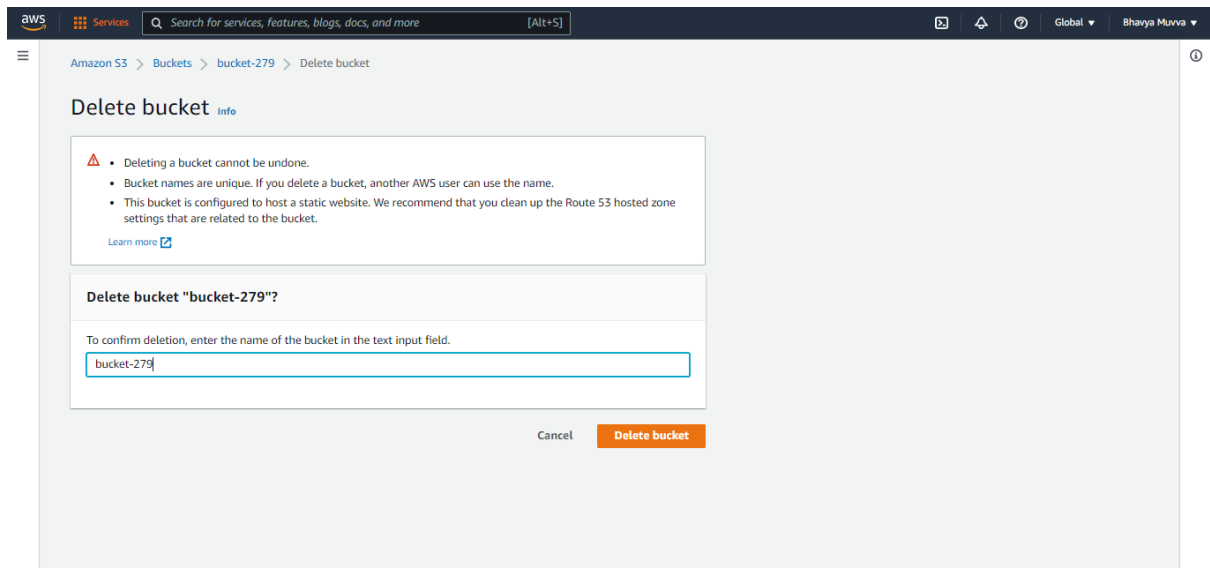
The screenshot shows the Amazon S3 console interface. The top navigation bar includes the AWS logo, 'Services' link, a search bar, and user information. A blue banner at the top contains a security tip: 'Follow security best practices for S3.' with a 'Learn more' button.

The left sidebar lists navigation options: Buckets, Access Points, Object Lambda Access Points, Multi-Region Access Points, Batch Operations, Access analyzer for S3, Block Public Access settings, Storage Lens, Feature spotlight, and AWS Marketplace for S3.

The main content area displays the details for 'bucket-279'. It indicates the bucket is 'Publicly accessible' and provides tabs for Objects, Properties, Permissions, Metrics, Management, and Access Points. Under the 'Objects' tab, there are two objects listed:

	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	sas.txt	txt	October 21, 2022, 08:33:14 (UTC+05:30)	19.0 B	Standard
<input checked="" type="checkbox"/>	vig.html	html	October 21, 2022, 08:38:10 (UTC+05:30)	241.0 B	Standard

At the bottom of the console, there is a status bar indicating 'AWS Marketplace for S3'.



[This text is Bold.....] [This text is *Italic.....*] [This text is Underline.....]