

S3 (Simple Storage Service)

Create S3 Bucket

Option S3 option and click to crate Bucket

Amazon S3 > Buckets

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

Buckets (0) [Info](#)
Buckets are containers for data stored in S3. [Learn more](#)

[Create bucket](#)

See S3 service Global

Services [Alt+S]

VPC EC2 Direct Connect S3

Amazon S3 > Buckets

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

[Create bucket](#)

Insert unique name

General configuration

Bucket name

vivek-demo

Bucket name must be 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](#)

ACL disable

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.

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.

Object Ownership

Bucket owner enforced

S3 (Simple Storage Service)

Not any changes

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.

Not change

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

Create bucket option

Default encryption

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

Server-side encryption

- Disable
 Enable

► Advanced settings

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

Cancel

Create bucket

S3 (Simple Storage Service)

Create Successfully

Successfully created bucket "vivek-demo"
To upload files and folders, or to configure additional bucket settings choose [View details](#).

[View details](#) X

Amazon S3 > Buckets

► Account snapshot

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

[View Storage Lens dashboard](#)

Buckets (1) [Info](#)

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

Find buckets by name

< 1 > ⌂

Name	AWS Region	Access	Creation date
vivek-demo	US East (Ohio) us-east-2	Bucket and objects not public	June 29, 2022, 09:29:19 (UTC+05:30)

C Copy ARN Empty Delete Create bucket

See Access is by default private

Buckets (1) [Info](#)

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

Find buckets by name

< 1 > ⌂

Name	AWS Region	Access	Creation date
vivek-demo	US East (Ohio) us-east-2	Bucket and objects not public	June 29, 2022, 09:29:19 (UTC+05:30)

C Copy ARN Empty Delete Create bucket

Change access to public so click name and click permission option

vivek-demo [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](#)

Edit public access option and untick

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](#)

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

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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](#)

S3 (Simple Storage Service)

See permission change

✓ Successfully edited Block Public Access settings for this bucket.

Amazon S3 > Buckets > vivek-demo

vivek-demo [Info](#)

Objects

Properties

Permissions

Metrics

Management

Access Points

Permissions overview

Access

Objects can be public

Create a document file

S3.txt - Notepad

File Edit View

VIVEK 1

Click to upload

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](#)



[Copy S3 URI](#)

[Copy URL](#)

[Download](#)

[Open](#)

[Delete](#)

[Actions](#)

[Create folder](#)

[Upload](#)

[Find objects by prefix](#)

< 1 >

Name

Type

Last modified

Size

Storage class

Click to add files

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.

[Remove](#)

[Add files](#)

[Add folder](#)

[Find by name](#)

< 1 >

S3 (Simple Storage Service)

Successfully add file

Files and folders (1 Total, 7.0 B)

All files and folders in this table will be uploaded.

Remove

Add files

Add folder

Find by name

< 1 >

<input type="checkbox"/>	Name	Folder	Type	Size
<input type="checkbox"/>	S3.txt	-	text/plain	7.0 B

Successfully create object

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://vivek-demo

Succeeded
1 file, 7.0 B (100.00%)

Failed
0 files, 0 B (0%)

Click to name

Objects (1)

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](#)

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	S3.txt	txt	June 29, 2022, 09:43:49 (UTC+05:30)	7.0 B	Standard

Copy object URL

S3.txt [Info](#)

[Copy S3 URI](#) [Download](#) [Open](#) [Object actions](#)

[Properties](#) [Permissions](#) [Versions](#)

Object overview

Owner
a90ff5b002979694872614eff5c2c8ff4fbbae9d0bbcc59e3083488ce2f3be4c

S3 URI

[s3://vivek-demo/S3.txt](#)

AWS Region
US East (Ohio) us-east-2

Amazon Resource Name (ARN)

[arn:aws:s3:::vivek-demo/S3.txt](#)

Last modified
June 29, 2022, 09:43:49 (UTC+05:30)

Entity tag (Etag)

[34ba002db2a4a1645e662066fc95b778](#)

Size
7.0 B

Object URL

<https://vivek-demo.s3.us-east-2.amazonaws.com/S3.txt>

S3 (Simple Storage Service)

OPEN TO BROWSE SEE ACCESS denied

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<Error>
<Code>AccessDenied</Code>
<Message>Access Denied</Message>
<RequestId>BAKJBG7V7ZG293BG</RequestId>
<HostId>SLz1q11tg07fk9saHpaU3WnS+hXedfnwRCTCheLa5bxCQeZC7LczRVchNmllxCGe65I/EwbGR0vWsoV/MJBN4Q==</HostId>
</Error>
```

Then click to permission open and click to bucket owner option

Properties **Permissions** Versions

Access control list (ACL)
Grant basic read/write permissions to AWS accounts. [Learn more](#)

Info This bucket has the bucket owner enforced setting applied for Object Ownership
When bucket owner enforced is applied, use bucket policies to control access. [Learn more](#)

Grantee

Enabled option

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.
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.



Enabling ACLs turns off the bucket owner enforced setting for Object Ownership

Once the bucket owner enforced setting is turned off, access control lists (ACLs) and their associated permissions are restored. Access to objects that you do not own will be based on ACLs and not the bucket policy.

I acknowledge that ACLs will be restored.

vivek-demo [Info](#)

Objects (1)

Find objects by prefix

Name

Type

Last modified

S3.txt

txt June 29, 2022, 09:43:49 (UTC+05:30)

Size 7.0 B

Query with S3 Select

Edit actions

Rename object

Edit storage class

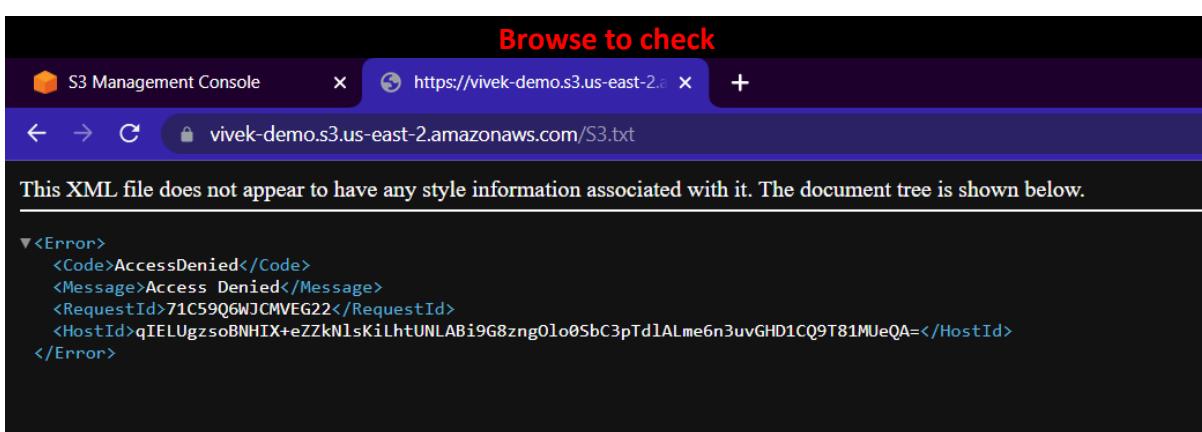
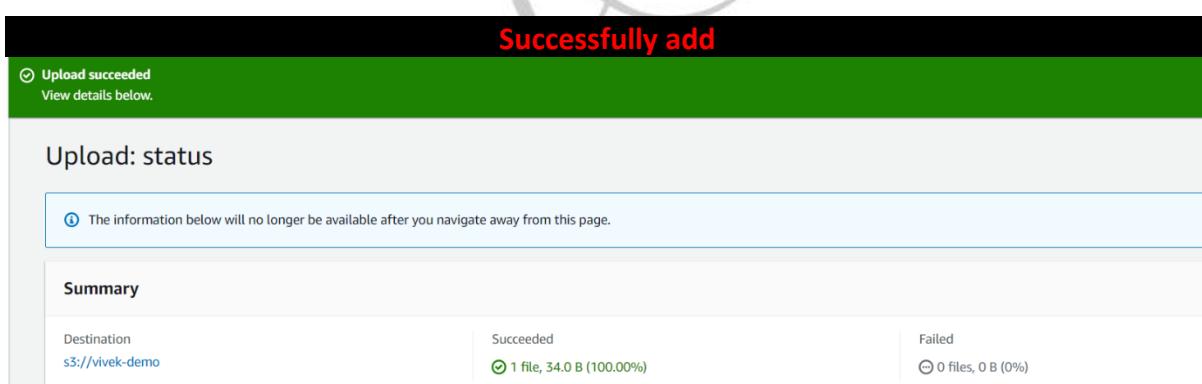
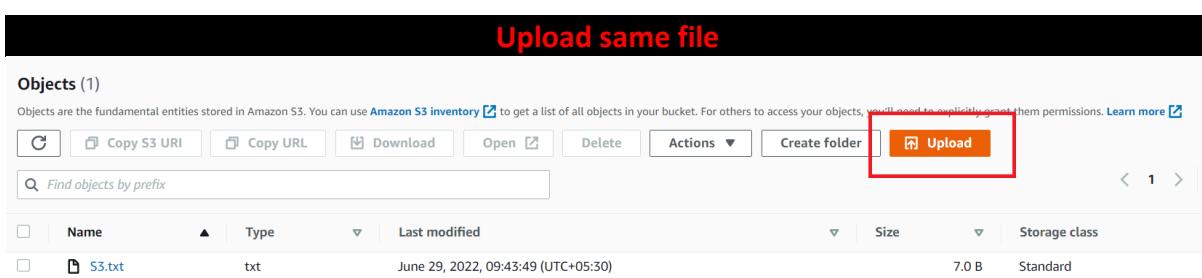
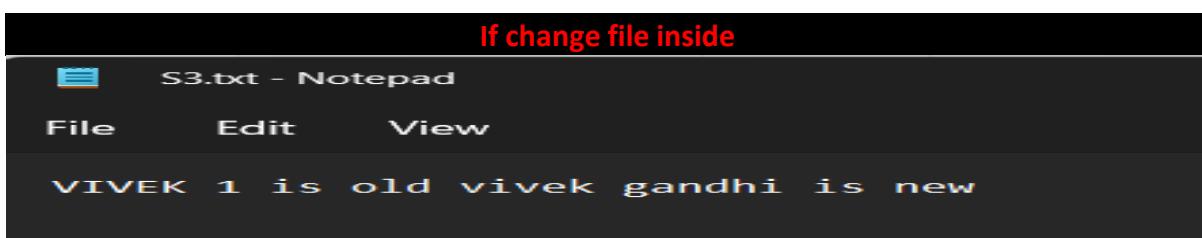
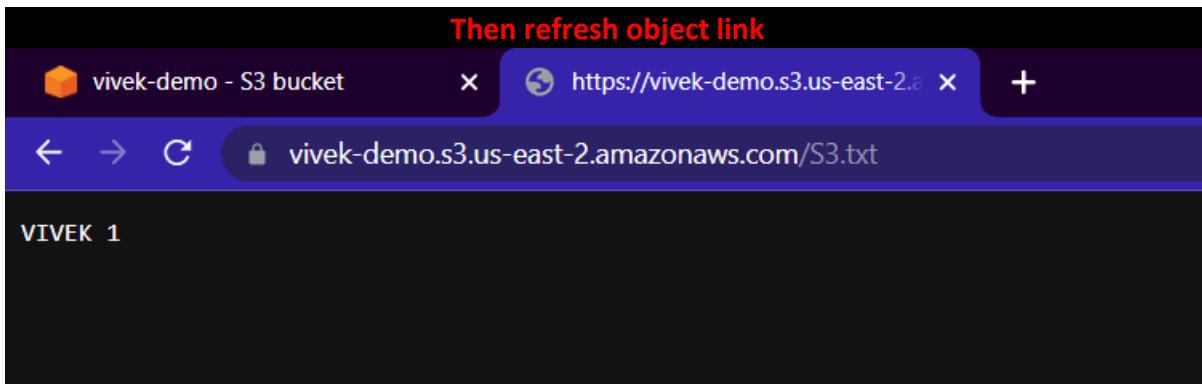
Edit server-side encryption

Edit metadata

Edit tags

Make public using ACL

S3 (Simple Storage Service)



S3 (Simple Storage Service)

Check make public ACL permission denied click assign permission

vivek-demo [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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.

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 29, 2022, 10:00:43 (UTC+05:30)	34.0 B	Standard

Refresh page

vivek-demo - S3 bucket [X](#) https://vivek-demo.s3.us-east-2.amazonaws.com/S3.txt [+](#)

← → C [🔗 vivek-demo.s3.us-east-2.amazonaws.com/S3.txt](#)

VIVEK 1 is old vivek gandhi is new

If enable versioning then see what happening

S3.txt [Info](#)

Properties Permissions Versions

Bucket "vivek-demo" doesn't have Bucket Versioning enabled. We recommend that you enable Bucket Versioning to help protect against unintentionally overwriting or deleting objects. [Learn more](#)

[Copy S3 URI](#) [Download](#) [Open](#) [Object actions](#)

[Enable Bucket Versioning](#)

Show versioning option here

Objects (1)

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](#)

Show versions

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 29, 2022, 10:00:43 (UTC+05:30)	34.0 B	Standard

See the option

Objects (1)

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](#)

Show versions

Name	Type	Version ID	Last modified	Size	Storage class
S3.txt	txt	null	June 29, 2022, 10:00:43 (UTC+05:30)	34.0 B	Standard

S3 (Simple Storage Service)

Now I modify the file again and add it again

S3.txt - Notepad

File Edit View

VIVEK 1 is old vivek gandhi is new after create versioning

Upload and make public

Upload succeeded
View details below.

Upload: status

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

Summary

Destination
s3://vivek-demo

Succeeded

1 file, 59.0 B (100.00%)

Failed

0 files, 0 B (0%)

Make public

vivek-demo [Info](#)

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

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.

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#)

Find objects by prefix

Query with S3 Select
Edit actions
Rename object
Edit storage class
Edit server-side encryption
Edit metadata
Edit tags
Make public using ACL
Actions Create folder [Upload](#)

Show versions

<input checked="" type="checkbox"/>	Name	Type	Last modified	Size
<input checked="" type="checkbox"/>	S3.txt	txt	June 29, 2022, 10:10:07 (UTC+05:30)	

Browse file

vivek-demo - S3 bucket

<https://vivek-demo.s3.us-east-2.amazonaws.com/S3.txt>

+

VIVEK 1 is old vivek gandhi is new after create versioning

Enable show versioning option

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"/>	S3.txt	txt	qcetYgGUVRD19x_0p_6f3Sydpq2HJymT	June 29, 2022, 10:10:07 (UTC+05:30)	59.0 B	Standard
<input type="checkbox"/>	S3.txt	txt	null	June 29, 2022, 10:00:43 (UTC+05:30)	34.0 B	Standard

S3 (Simple Storage Service)

My old upload file showing click and copy URL

S3.txt [Info](#)
Version ID: [null](#)

[Properties](#) [Permissions](#) [Versions](#)

Object overview

Owner	S3 URI
a90ff5b002979694872614eff5c2c8ff4fbaee9d0bbcc59e3083488ce2f3be4c	s3://vivek-demo/S3.txt
AWS Region	Amazon Resource Name (ARN)
US East (Ohio) us-east-2	arn:aws:s3:::vivek-demo/S3.txt
Last modified	Entity tag (Etag)
June 29, 2022, 10:00:43 (UTC+05:30)	b44970696761c8e113dd9bc76d9cc5b4
Size	Object URL
34.0 B	https://vivek-demo.s3.us-east-2.amazonaws.com/S3.txt?versionId=null
Type	
txt	

BROWSE OLD FILE URL

The screenshot shows a browser window with two tabs open. The active tab displays the contents of the S3.txt file from the previous screenshot. The page title is "vivek-demo - S3 bucket". The URL in the address bar is "vivek-demo.s3.us-east-2.amazonaws.com/S3.txt?versionId=null". The content of the file is: "VIVEK 1 is old vivek gandhi is new".

MOVE FILES

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](#)

C	Copy S3 URI	Copy URL	Download	Open	Delete	Actions ▾	Create folder	Upload
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="text"/> Find objects by prefix					<input type="checkbox"/> Show versions		
	Name	Type	Version ID		Last modified		Size	Storage class
	S3.txt	txt	qcetYgGUVRD19x_0p_6f3Sydpq2HjymT		June 29, 2022, 10:10:07 (UTC+05:30)		59.0 B	Standard
	S3.txt	txt	null		June 29, 2022, 10:00:43 (UTC+05:30)		34.0 B	Standard

INSERT NAME

Folder

Folder name: /
Folder names can't contain "/". See [rules for naming](#)

Server-side encryption

i The following settings apply only to the new folder object and not to the objects contained within it.

Server-side encryption:

Disable
 Enable

[Cancel](#) [Create folder](#)

S3 (Simple Storage Service)

Create successfully

Successfully created folder "VIVEK".
Operation successfully completed.

Amazon S3 > Buckets > vivek-demo

vivek-demo [Info](#)

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](#)

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 29, 2022, 10:10:07 (UTC+05:30)	59.0 B	Standard
VIVEK/	Folder	-	-	-

Select move

Amazon S3 > Buckets > vivek-demo

vivek-demo [Info](#)

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](#)

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 29, 2022, 10:10:07 (UTC+05:30)	59.0 B	Standard
VIVEK/	Folder	-	-	-

Copy
Move
Initiate restore
Query with S3 Select
Edit actions
Rename object
Edit storage class
Edit server-side encryption
Edit metadata

Insert destination full path

Destination

Destination type
 Bucket
 Access Point

Destination

View  Browse S3

Format: s3://[bucket-name]/[prefix/]

Destination bucket name
vivek-demo

Destination prefix
VIVEK/

See result move successfully but versioning is on so old file still showing here

vivek-demo [Info](#)

Objects (4)

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](#)

Name	Type	Version ID	Last modified	Size	Storage class
S3.txt	Delete marker	IKSLNxxyVGlwAOVOBX7CZTFClLoWCHQe	June 29, 2022, 10:21:53 (UTC+05:30)	0 B	-
S3.txt	txt	qctYgGUVRD19x_0p_6f3Sydpq2HJymT	June 29, 2022, 10:10:07 (UTC+05:30)	59.0 B	Standard
S3.txt	txt	null	June 29, 2022, 10:00:43 (UTC+05:30)	34.0 B	Standard
VIVEK/	Folder	-	-	-	-

S3 (Simple Storage Service)

Check vivek folder inside

VIVEK/

Objects Properties

Objects (1)

Objects are 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](#)

Name	Type	Version ID	Last modified	Size	Storage class
S3.txt	txt	Y.d7q7DtVqGDF79224q5NZbtbEWl_MCu	June 29, 2022, 10:21:53 (UTC+05:30)	59.0 B	Standard

Same steps to copy

If versioning option enable then Not copy option (old file not copy and move)

vivek-demo - S3 bucket

s3.console.aws.amazon.com/:/buckets/vivek-demo?region=us-east-2&prefix=VIVEK/&showversions=true

Amazon S3 > Buckets > vivek-demo > VIVEK/

VIVEK/

Objects Properties

Objects (2)

Objects are 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](#)

Name	Type	Version ID	Size	Storage class
S3.txt	txt	yLy2zySfwhFoNo7QBE66msv.Tx8FV2Lg	59.0 B	Standard
S3.txt	txt	Y.d7q7DtVqGDF79224q5NZbtbEWl_MCu	59.0 B	Standard

Actions ▾ Create folder Upload

Copy Share with a presigned URL Calculate total size

Move Initiate restore Query with S3 Select Edit actions

Rename object Edit storage class

Delete bucket first click empty option

Amazon S3 > Buckets

► Account snapshot

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

[View Storage Lens dashboard](#)

Buckets (1) Info

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

Name	AWS Region	Access	Creation date
vivek-demo	US East (Ohio) us-east-2	Objects can be public	June 29, 2022, 09:29:19 (UTC+05:30)

C Copy ARN Empty Delete Create bucket

S3 (Simple Storage Service)

type to permanently delete

Permanently delete all objects in bucket "vivek-demo"?

To confirm deletion, type *permanently delete* in the text input field.

permanently delete

Cancel

Empty

Successfully empty

Successfully emptied bucket "vivek-demo"

View details below. If you want to delete this bucket, use the [delete bucket configuration](#).

Empty bucket: status

Cancel

Exit

Summary

Source
s3://vivek-demo

Successfully deleted
7 objects, 211.0 B

Failed to delete
0 objects

Select delete option

Amazon S3 > Buckets

Account snapshot

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

[View Storage Lens dashboard](#)

Buckets (1) [Info](#)

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

C

Copy ARN

Empty

Delete

Create bucket

Find buckets by name

< 1 >

...

Name

AWS Region

Access

Creation date

vivek-demo

US East (Ohio) us-east-2

Objects can be public

June 29, 2022, 09:29:19 (UTC+05:30)

Successfully deleted

Successfully deleted bucket "vivek-demo"

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](#)

S3 (Simple Storage Service)

Configure Cross Replication S3

Create 2 bucket in different region (both see because S3 global) (ACL, PERMISSION & both side Versioning ENABLE)

See both are different region create but show in S3 bucket

Amazon S3 > Buckets

▶ Account snapshot

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

[View Storage Lens dashboard](#)

Buckets (2) [Info](#)

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

Find buckets by name

Name	AWS Region	Access	Creation date
pooja12	Asia Pacific (Mumbai) ap-south-1	Objects can be public	June 30, 2022, 10:15:31 (UTC+05:30)
vivek1	US East (Ohio) us-east-2	Objects can be public	June 30, 2022, 10:13:43 (UTC+05:30)

Ohio side create Cross Replication configure

Select name and open

Buckets (2) [Info](#)

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

Find buckets by name

Name	AWS Region	Access	Creation date
pooja12	Asia Pacific (Mumbai) ap-south-1	Objects can be public	June 30, 2022, 10:15:31 (UTC+05:30)
vivek1	US East (Ohio) us-east-2	Objects can be public	June 30, 2022, 10:13:43 (UTC+05:30)

Make public ACL

Amazon S3 > Buckets > vivek1

vivek1 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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.

[Initiate restore](#) [Query with S3 Select](#)

[Edit actions](#) [Rename object](#) [Edit storage class](#) [Edit server-side encryption](#) [Edit metadata](#) [Edit tags](#)

[Make public using ACL](#) 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

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 30, 2022, 10:22:27 (UTC+05:30)	59.0 B	Standard

S3 (Simple Storage Service)

Click to Management and create replication rule

vivek1

The screenshot shows the AWS S3 Management console for the bucket 'vivek1'. The 'Management' tab is selected. Under 'Lifecycle rules (0)', there is a table with columns: Lifecycle rule name, Status, Scope, Current version actions, Noncurrent versions actions, Expired object delete markers, and Incomplete. A red box highlights the 'Create lifecycle rule' button. Under 'Replication rules (0)', there is a table with columns: Replication, Status, Destination, Destination, Priority, Scope, Storage, Replica, Replication, and KMS-encrypted. A red box highlights the 'Create replication rule' button.

Insert name and enable status

Replication rule configuration

Replication rule name

vivek to pooja

Up to 255 characters. In order to be able to use CloudWatch metrics to monitor the progress of your replication rule, the replication rule name must only contain English characters.

Status

Choose whether the rule will be enabled or disabled when created.

- Enabled
- Disabled

Priority

The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.

0

Prefix entry only .txt files replicate

Source bucket

Source bucket name

vivek1

Source Region

US East (Ohio) us-east-2

Choose a rule scope

- Limit the scope of this rule using one or more filters
- Apply to all objects in the bucket

Filter type

You can filter objects by prefix, object tags, or a combination of both.

Prefix

Add a filter to limit the scope of this rule to a single prefix.

.txt

Don't include the bucket name in the prefix. Using certain characters in key names can cause problems with some applications and protocols.

Tags

You can limit the scope of this rule to the key value pairs added below.

Add tag

S3 (Simple Storage Service)

Browse S3 replicate bucket

Destination

Destination

You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#) or see [Amazon S3 pricing](#)

- Choose a bucket in this account
- Specify a bucket in another account

Bucket name

Choose the bucket that will receive replicated objects.

[Browse S3](#)

Destination Region

Asia Pacific (Mumbai) ap-south-1

Create IAM role

IAM role

- Choose from existing IAM roles
- Enter IAM role ARN

IAM role

[View](#)

You can enable KMS

Encryption

- Replicate objects encrypted with AWS KMS

You can use replication for AWS Key Management Service encrypted objects to replicate data encrypted using AWS KMS across AWS Regions.

Also, you can change storage class

Destination storage class

Amazon S3 offers a range of storage classes designed for different use cases. [Learn more](#) or see [Amazon S3 pricing](#)

- Change the storage class for the replicated objects

Storage class

Storage class	Designed for	Availability Zones	Min storage duration	More
<input checked="" type="radio"/> Standard	Frequently accessed data (more than once a month) with milliseconds access	≥ 3	-	-
<input type="radio"/> Intelligent-Tiering	Data with changing or unknown access patterns	≥ 3	-	-
<input type="radio"/> ...	Infrequently accessed data (once a month)	-	-	-

S3 (Simple Storage Service)

Additional replication option

Additional replication options

- Replication Time Control (RTC)**
Replication Time Control replicates 99.99% of new objects within 15 minutes and provides replication metrics and notifications. Additional fees will apply. [Learn more](#)
- Replication metrics and notifications**
Monitor the progress of your replication rule through Cloudwatch Metrics. Cloudwatch metrics fees apply. [Learn more](#) or see [Amazon Cloudwatch pricing](#)
- Delete marker replication**
Delete markers created by S3 delete operations will be replicated. Delete markers created by lifecycle rules are not replicated. [Learn more](#)
- Replica modification sync**
Replicate metadata changes made to replicas in this bucket to the destination bucket. [Learn more](#)

Cancel

Save

Select 2 option

Additional replication options

- Replication Time Control (RTC)**
Replication Time Control replicates 99.99% of new objects within 15 minutes and provides replication metrics and notifications. Additional fees will apply. [Learn more](#)
- Replication metrics and notifications**
Monitor the progress of your replication rule through Cloudwatch Metrics. Cloudwatch metrics fees apply. [Learn more](#) or see [Amazon Cloudwatch pricing](#)
- Delete marker replication**
Delete markers created by S3 delete operations will be replicated. Delete markers created by lifecycle rules are not replicated. [Learn more](#)
- Replica modification sync**
Replicate metadata changes made to replicas in this bucket to the destination bucket. [Learn more](#)

Option → NO means current file not sync & yes means current files also sync

Replicate existing objects?

X

You can enable a one-time Batch Operations job from this replication configuration to replicate objects that already exist in the bucket and to synchronize the source and destination buckets. [Learn more](#) or [see pricing](#)

Existing objects

- No, do not replicate existing objects.
- Yes, replicate existing objects.

Cancel

Submit

S3 (Simple Storage Service)

Create successfully

Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects	Replica modification sync
vivek to pooja	Enabled	s3://pooja12	Asia Pacific (Mumbai) ap-south-1	0	Prefix: .txt	Same as source	Same as source	Disabled	Do not replicate	Enabled

Create 1 file in vivek baccate and make public

vivek1 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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.

[Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix

Edit actions

Rename object

Edit storage class

Edit server-side encryption

Edit metadata

Edit tags

Make public using ACL

You'll need to explicitly grant them permissions. [Learn more](#)

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

Show versions

Name ▲ Type ▽ Last modified

▼ Size ▽ Storage class ▽

[S3.txt](#) txt June 30, 2022, 10:58:47 (UTC+05:30)

59.0 B Standard

See auto replicate file

pooja12 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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

< 1 > ⌂

Name ▲ Type ▽ Last modified

▼ Size ▽ Storage class ▽

[S3.txt](#) txt June 30, 2022, 11:03:49 (UTC+05:30)

59.0 B Standard

See only url change

vivek1 - S3 bucket x pooja12 - S3 bucket x https://vivek1.s3.us-east-2.amazonaws.com/S3.txt +

← → C https://pooja12.s3.ap-south-1.amazonaws.com/S3.txt

VIVEK 1 is old vivek gandhi is new after create versioning

vivek1 - S3 bucket x pooja12 - S3 bucket x https://vivek1.s3.us-east-2.amazonaws.com/S3.txt +

← → C https://pooja12.s3.ap-south-1.amazonaws.com/S3.txt

VIVEK 1 is old vivek gandhi is new after create versioning

S3 (Simple Storage Service)

If you sync all files then which option selected?

If you configuration Replication step enable option

Additional replication options

- Replication Time Control (RTC)**
Replication Time Control replicates 99.99% of new objects within 15 minutes and provides replication metrics and notifications. Additional fees will apply. [Learn more](#)
- Replication metrics and notifications**
Monitor the progress of your replication rule through Cloudwatch Metrics. Cloudwatch metrics fees apply. [Learn more](#) or see [Amazon Cloudwatch pricing](#)
- Delete marker replication**
Delete markers created by S3 delete operations will be replicated. Delete markers created by lifecycle rules are not replicated. [Learn more](#)
- Replica modification sync**
Replicate metadata changes made to replicas in this bucket to the destination bucket. [Learn more](#)

Cancel **Save**

Currently my both side file

After enable option change file

Upload file in vivek side (only vivek side make public enable)

Amazon S3 > Buckets > vivek1

vivek1 [Info](#)

Objects (1)

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.

Action	Name	Type	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	S3.txt	txt	June 30, 2022, 11:26:14 (UTC+05:30)	58.0 B	Standard

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

S3 (Simple Storage Service)

See auto sync pooja bucket

The top screenshot shows a browser with two tabs: 'vivek1 - S3 bucket' and 'pooja12 - S3 bucket'. The URL in the address bar is 'https://vivek1.s3.us-east-2.amazonaws.com/S3.txt'. The page content is 'VIVEK to pooja files new file to check auto replicate sync'. The bottom screenshot shows a similar setup with the URL 'https://pooja12.s3.ap-south-1.amazonaws.com/S3.txt' and the same content.

Check pooja side delete file then automatic create file or not

Successfully delete

A green header bar says 'Successfully deleted objects'. Below it, a summary table shows the status of objects from 's3://pooja12':

Source	Successfully deleted	Failed to delete
s3://pooja12	1 object, 58.0 B	0 objects

Not create

The 'pooja12' bucket page shows 'Objects (0)'. A message states 'No objects' and 'You don't have any objects in this bucket.' There is a prominent orange 'Upload' button.

Check vivek side delete file then automatic delete file or not in pooja side

Delete vivek side main file

A green header bar says 'Successfully deleted objects'. Below it, a summary table shows the status of objects from 's3://vivek':

Source	Successfully deleted	Failed to delete
s3://vivek	1 object, 58.0 B	0 objects

S3 (Simple Storage Service)

Not delete

pooja12 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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](#)

[C](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix Show versions < 1 > [S3.txt](#)

Name	Type	Version ID	Last modified	Size	Storage class
S3.txt	txt	GscVDD65Pp1MY1uZmNktZr7VaGyeReyK	June 30, 2022, 11:35:27 (UTC+05:30)	58.0 B	Standard

required if main files delete automatic delete file in replicate side

Check both side files uploaded

vivek1 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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](#)

[C](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix Show versions < 1 > [S3.txt](#)

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 30, 2022, 11:43:58 (UTC+05:30)	58.0 B	Standard

pooja12 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Objects (1)

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](#)

[C](#) [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Find objects by prefix Show versions < 1 > [S3.txt](#)

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 30, 2022, 11:43:58 (UTC+05:30)	58.0 B	Standard

Open management option clicks to edit replication rules in vivek side

vivek1

Objects Properties Permissions Metrics Management Access Points

Lifecycle rules (0)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

[C](#) [View details](#) [Edit](#) [Delete](#) [Actions](#) [Create lifecycle rule](#)

Lifecycle rule name Status Scope Current version actions Noncurrent versions actions Expired object delete markers Incomplete multipart uplo

No lifecycle rules

There are no lifecycle rules for this bucket.

[Create lifecycle rule](#)

Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

[C](#) [View details](#) [Edit rule](#) [Delete](#) [Actions](#) [Create replication rule](#)

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted	Replica modification
-----------------------	--------	--------------------	--------------------	----------	-------	---------------	---------------	--------------------------	---------------	----------------------

S3 (Simple Storage Service)

Enable option and save

Additional replication options

Replication Time Control (RTC)
Replication Time Control replicates 99.99% of new objects within 15 minutes and provides replication metrics and notifications. Additional fees will apply. [Learn more](#)

Replication metrics and notifications
Monitor the progress of your replication rule through Cloudwatch Metrics. Cloudwatch metrics fees apply. [Learn more](#) or see [Amazon Cloudwatch pricing](#)

Delete marker replication
Delete markers created by S3 delete operations will be replicated. Delete markers created by lifecycle rules are not replicated. [Learn more](#)

Replica modification sync
Replicate metadata changes made to replicas in this bucket to the destination bucket. [Learn more](#)

Cancel **Save**

Delete vivek side main file

vivek1 [Info](#)

Objects **Properties** **Permissions** **Metrics** **Management** **Access Points**

Objects (1)
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](#)

Action Buttons: [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Search Bar:

Filter: Show versions

Name	Type	Last modified	Size	Storage class
S3.txt	txt	June 30, 2022, 11:43:58 (UTC+05:30)	58.0 B	Standard

vivek1 [Info](#)

Objects **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](#)

Action Buttons: [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Search Bar:

Filter: Show versions

Name	Type	Last modified	Size	Storage class
No objects You don't have any objects in this bucket.				

See automatic delete file in pooja side

pooja12 [Info](#)

Objects **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](#)

Action Buttons: [Copy S3 URI](#) [Copy URL](#) [Download](#) [Open](#) [Delete](#) [Actions](#) [Create folder](#) [Upload](#)

Search Bar:

Filter: Show versions

Name	Type	Last modified	Size	Storage class
No objects You don't have any objects in this bucket.				

S3 (Simple Storage Service)

If create different account replication then only one step configures to different to upper configuration

Destination

Destination

You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#)

or see [Amazon S3 pricing](#)

- Choose a bucket in this account
- Specify a bucket in another account

Account ID

12 digit AWS account ID

Bucket name

Choose the bucket that will receive replicated objects.

Enter bucket name

Destination Region

-

- Change object ownership to destination bucket owner

Objects in the source bucket not owned by the source bucket owner will be replaced with access policy that grants full permission to the destination bucket owner

LIFECYCLE MANAGEMENT

Create folder

simply-learn-s3-demo [Info](#)

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](#)

	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	cat.jpg	JPG	September 25, 2021, 13:08:34 (UTC+00:00)	194.0 KB	Standard
<input type="checkbox"/>	logs/	Folder	-	-	-

Create lifecycle rule

Amazon S3 > simply-learn-s3-demo

simply-learn-s3-demo

Objects

Properties

Permissions

Metrics

Management

Access Points

Lifecycle rules (0)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

[View details](#) [Edit](#) [Delete](#) [Actions](#) [Create lifecycle rule](#)

Lifecycle rule name

Status

Scope

Current version actions

Previous version actions

Expired object delete markers

Incomplete multipart uploads

There are no lifecycle rules for this bucket.

[Create lifecycle rule](#)

S3 (Simple Storage Service)

Insert name and add prefix folder

Amazon S3 > simply-learn-s3-demo > Lifecycle configuration > Create lifecycle rule

Create lifecycle rule

Lifecycle rule configuration

Lifecycle rule name

simply-learn-lifecycle-rule

Up to 255 characters.

Choose a rule scope

- Limit the scope of this rule using one or more filters
- This rule applies to *all* objects in the bucket

Filter type

You can filter objects by prefix, object tags, or a combination of both.

Prefix

Add filter to limit the scope of this rule to a single prefix.

logs/

Don't include the bucket name in the prefix. Using certain characters in key names can cause problems with some applications and protocols.

Object tags

You can limit the scope of this rule to the key/value pairs added below.

[Add tag](#)

Select rule

Lifecycle rule actions

Choose the actions you want this rule to perform. Per-request fees apply. [Learn more](#) or see [Amazon S3 pricing](#)

- Transition *current* versions of objects between storage classes
- Transition *previous* versions of objects between storage classes
- Expire *current* versions of objects
- Permanently delete *previous* versions of objects
- Delete expired delete markers or incomplete multipart uploads
When a lifecycle rule is scoped with tags, these actions are unavailable.

Configure rule

Transition current versions of objects between storage classes

Storage class transitions

Days after object creation

Standard-IA

30

[Remove transition](#)

Glacier

90

[Remove transition](#)

Glacier Deep Archive

180

[Remove transition](#)

[Add transition](#)



Transitioning small objects to Glacier or Glacier Deep Archive will incur a per object cost

You will be charged for each object you transition to S3 Glacier or S3 Glacier Deep Archive. A fixed amount of storage is also added to each object to accommodate metadata for managing the object which increases storage costs. You can reduce these costs by limiting the number of objects to transition (by prefix, tag, or version), or by aggregating objects before transitioning them. Learn more about Glacier cost considerations or review the table on Requests and data retrievals tab on the Amazon S3 pricing page



- I acknowledge that this lifecycle rule will incur a one-time lifecycle request cost per object if it transitions small objects.

S3 (Simple Storage Service)

Check summary and create

Timeline summary

Current version actions	Previous version actions
Day 0 Objects uploaded	Day 0 Objects become noncurrent
↓	
Day 30 Objects transition to Standard-IA	
↓	
Day 90 Objects transition to Glacier	
↓	
Day 180 Objects transition to Glacier Deep Archive	

[Cancel](#) [Create rule](#)

Successfully create

Lifecycle rules (1)

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

Lifecycle rule name	Status	Scope	Current version actions	Previous version actions	Expired object delete markers	Incomplete multipart uploads
simply-learn-lifecycle-rule	Enabled	Prefix: logs/	Transition to Standard-IA, then Glacier, then Glacier Deep Archive	-	-	-

Click to logs folder

simply-learn-s3-demo [Info](#)

[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](#)

Name	Type	Last modified	Size	Storage class
cat.jpg	JPG	September 23, 2021, 13:00:59 (UTC+00:00)	134.0 KB	Standard
logs/	Folder	-	-	-

upload log file

Amazon S3 > simply-learn-s3-demo > logs/

logs/ [Copy S3 URI](#)

[Objects](#) [Properties](#)

Objects (1)

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](#)

Name	Type	Last modified	Size	Storage class
apache-20210923045700.log	log	September 24, 2021, 13:58:09 (UTC+00:00)	33.0 B	Standard

S3 (Simple Storage Service)

Create S3 Bucket Policy

Click to permissions

simply-learn-s3-demo Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Edit bucket policy

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Edit](#)

[Delete](#)



Public access is blocked because Block Public Access settings are turned on for this bucket

To determine which settings are turned on, check your Block Public Access settings for this bucket. Learn more about using Amazon S3 Block Public Access

No policy to display.

[Copy](#)

Copy ARN and click policy generator option

Edit bucket policy Info

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Policy examples](#)

[Policy generator](#)

Bucket ARN

[arn:aws:s3:::simply-learn-s3-demo](#)

Policy

Open page



AWS Policy Generator

The AWS Policy Generator is a tool that enables you to create policies that control access to Amazon Web Services (AWS) products and resources. For more information about creating policies, see key concepts in Using AWS Identity and Access Management. Here are sample policies.

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy [SQS Queue Policy](#)

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect Allow Deny

Principal

Use a comma to separate multiple values.

AWS Service Amazon SQS All Services ('*')

Actions -- Select Actions -- All Actions ('*')

Amazon Resource Name (ARN)

ARN should follow the following format: arn:aws:sqs:\${Region}:\${AccountID}:\${QueueName}.

Use a comma to separate multiple values.

Add Conditions (Optional)

[Add Statement](#)



Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

Add one or more statements above to generate a policy.

S3 (Simple Storage Service)

Select policy

about creating policies, see key concepts in Using AWS Identity and Access Management. Here are sample policies.

Step 1: Select Policy Type

A Policy is a container for permissions. The different types of policies you can create are an IAM Policy, an S3 Bucket Policy, an SNS Topic Policy, a VPC Endpoint Policy, and an SQS Queue Policy.

Select Type of Policy

SQS Queue Policy
S3 Bucket Policy
VPC Endpoint Policy
IAM Policy
SNS Topic Policy

Step 2: Add Statement(s)
A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect Allow Deny

Configure step and paste ARN and add statement click

Step 2: Add Statement(s)

A statement is the formal description of a single permission. See a description of elements that you can use in statements.

Effect Allow Deny

Principal
Use a comma to separate multiple values.

AWS Service All Services ('*')

Actions All Actions ('*')

Amazon Resource Name (ARN)
ARN should follow the following format: arn:aws:s3:::\${BucketName}/\${KeyName}.
Use a comma to separate multiple values.

Add Conditions (Optional)

See all configuration and click to generate policy

You added the following statements. Click the button below to Generate a policy.

Principal(s)	Effect	Action	Resource	Conditions
*	Allow	s3:*	arn:aws:s3::simply-learn-s3-demo	None

Step 3: Generate Policy

A policy is a document (written in the Access Policy Language) that acts as a container for one or more statements.

Copy all policy coding

Policy JSON Document

Click below to edit. To save the policy, copy the text below to a text editor.
Changes made below will not be reflected in the policy generator tool.

```
{ "Id": "Policy1632493684386", "Version": "2012-10-17", "Statement": [ { "Sid": "Stat1632493678803", "Action": "s3:*", "Effect": "Allow", "Resource": "arn:aws:s3::simply-learn-s3-demo", "Principal": "*" } ] }
```

This AWS Policy Generator is provided for informational purposes only, you are still responsible for your use of Amazon Web Services technologies and ensuring that your use is in compliance with all applicable terms and conditions. This AWS Policy Generator is provided as is without warranty of any kind, whether express, implied, or statutory. This AWS Policy Generator does not modify the applicable terms and conditions governing your use of Amazon Web Services technologies.

S3 (Simple Storage Service)

Paste here and modify as your requirements

arn:aws:s3:::simply-learn-s3-demo

Policy

```
1 {  
2   "Id": "Policy1632493684386",  
3   "Version": "2012-10-17",  
4   "Statement": [  
5     {  
6       "Sid": "Stmt1632493678803",  
7       "Action": "s3:*",  
8       "Effect": "Deny",  
9       "Resource": "arn:aws:s3:::simply-learn-s3-demo/*",  
10      "Principal": "*"  
11    }  
12  ]  
13 }
```

Save policy

Preview external access

Preview and validate Access Analyzer findings for external access to your resource. [Learn more](#)



Preview external access to your bucket with Access Analyzer

Access Analyzer analyzes your bucket policy together with existing bucket permissions to preview findings for external access to your bucket. This helps you validate public and cross-account access to your bucket before you save your policy. Choose an analyzer and select preview to begin.

[Learn more about Access Analyzer](#)

No analyzers

To preview external access to your bucket, create an analyzer in your bucket's region

[Go to Access Analyzer](#)

Cancel

Save changes

Create successfully

Successfully edited bucket policy.

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Edit](#)

[Delete](#)



Public access is blocked because Block Public Access settings are turned on for this bucket

To determine which settings are turned on, check your Block Public Access settings for this bucket. Learn more about [using Amazon S3 Block Public Access](#)

```
{  
  "Version": "2012-10-17",  
  "Id": "Policy1632493684386",  
  "Statement": [  
    {  
      "Sid": "Stmt1632493678803",  
      "Effect": "Deny",  
      "Principal": "*",  
      "Action": "s3:*",  
      "Resource": "arn:aws:s3:::simply-learn-s3-demo/*"  
    }  
  ]  
}
```

[Copy](#)

S3 (Simple Storage Service)

After create if edit policy then

Policy

```
1 * {
2     "Version": "2012-10-17",
3     "Id": "Policy1632493684386",
4     "Statement": [
5         {
6             "Sid": "S3mc16324936843863",
7             "Effect": "Allow",
8             "Principal": "*",
9             "Action": "s3:*",
10            "Resource": "arn:aws:s3:::simply-learn-s3-demo/*"
11        }
12    ]
13 }
```

Access denied



You don't have permissions to edit bucket policy

After you or your AWS administrator have updated your permissions to allow the s3:PutBucketPolicy action, choose **Save changes**. Learn more about Identity and access management in Amazon S3 [🔗](#)

▼ API response



Access Denied



S3 (Simple Storage Service)

Transfer Acceleration (faster data transfer)

Open properties option

simply-learn-s3-demo [Info](#)

Publicly accessible

Objects Properties Permissions Metrics Management Access Points

Click to edit option

Transfer acceleration

Use an accelerated endpoint for faster data transfers. [Learn more](#)

Edit

Transfer acceleration

Disabled

Enable permission and save

Transfer acceleration

Use an accelerated endpoint for faster data transfers. [Learn more](#)

Transfer acceleration

- Disable
- Enable

Accelerated endpoint

simply-learn-s3-demo.s3-accelerate.amazonaws.com

 Use the accelerated endpoint for faster data transfers, which will incur an additional fee. See [Amazon S3 pricing](#)

Cancel

Save changes

See after enable data transfer speed up



Amazon S3 Transfer Acceleration

Speed Comparison

[Shareable result link](#)

Upload speed comparison in the selected region

Virginia
(US-EAST-1)

101% faster

S3 Direct Upload Speed



Upload complete

S3 Accelerated Transfer Upload Speed



Upload complete

This speed checker uses multipart uploads to transfer a file from your browser to various Amazon S3 regions with and without Amazon S3 Transfer Acceleration. It compares the speed results and shows the percentage difference for every region.

Note: In general, the farther away you are from an Amazon S3 region, the higher the speed improvement you can expect from using Amazon S3 Transfer Acceleration. If you see similar speed results with and without the acceleration, your upload bandwidth or a system constraint might be limiting your speed.

S3 (Simple Storage Service)

Host a Static Website

Create bucket (enable → ACLs, unblock permission, make public) & click name

Buckets (1) [Info](#)

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

Find buckets by name

Name	AWS Region	Access	Creation date
myawsbucket98	US East (N. Virginia) us-east-1	Objects can be public	February 21, 2022, 11:58:47 (UTC+05:30)

Open properties

myawsbucket98 [Info](#)

Objects Properties Permissions Metrics Management Access Points

Edit Static Website Hosting

Static website hosting

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

Static website hosting

Disabled

Edit

Enable service

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](#)

Enter file name then save

Index document

Specify the home or default page of the website.

index.html

Error document - optional

This is returned when an error occurs.

error.html

Redirection rules - optional

Redirection rules, written in JSON, automatically redirect webpage requests for specific content. [Learn more](#)

S3 (Simple Storage Service)

Save changes

Cancel

Save changes

Policy applies → optional you can not policy apply also working static host

Click permissions

myawsbucket98 Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Edit policy

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

Edit

Delete

Activate Windows

Configure policy

Bucket policy

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

[Policy examples](#)

[Policy generator](#)

Bucket ARN

arn:aws:s3:::myawsbucket98

Policy

```
1 < [d
2   "Version": "2012-10-17",
3   "Statement": [
4     {
5       "Sid": "AllowPublicReadAccess",
6       "Effect": "Allow",
7       "Principal": "*",
8       "Action": "s3:GetObject",
9       "Resource": "arn:aws:s3:::myawsbucket98/*"
10      }
11    ]
12  ]
```

Upload 2 files (html→ you can upload full static webpage folder)

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](#)

< 1 > ⌂

Find objects by prefix

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	error.html	html	February 21, 2022, 12:01:28 (UTC+05:30)	143.0 B	Standard
<input type="checkbox"/>	index.html	html	February 21, 2022, 12:01:29 (UTC+05:30)	385.0 B	Standard

S3 (Simple Storage Service)

Then copy link static website hosting

Static website hosting

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

Static website hosting
Enabled

Hosting type
Bucket hosting

Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. [Learn more](#)

<http://myawsbucket98.s3-website-us-east-1.amazonaws.com>

See result working successfully

The screenshot shows a web browser window with two tabs. The active tab is titled "myawsbucket98 - S3 bucket" and displays a simple HTML table with three columns: Name, Company, and Sex. The data rows are Peter (IBM, M), Jake (IBM, M), and Amy (IBM, F). The second tab is titled "myawsbucket98.s3-website-us-east-1.amazonaws.com" and shows the same table, indicating that the static website is correctly deployed.

If you browse wrong URL then see error showing

The screenshot shows a web browser window with two tabs. The active tab is titled "Example" and has a URL of "myawsbucket98.s3-website-us-east-1.amazonaws.com/xyz". A red box highlights the URL in the address bar, which ends in "/xyz", indicating a misspelled or incorrect URL.

Error Page.