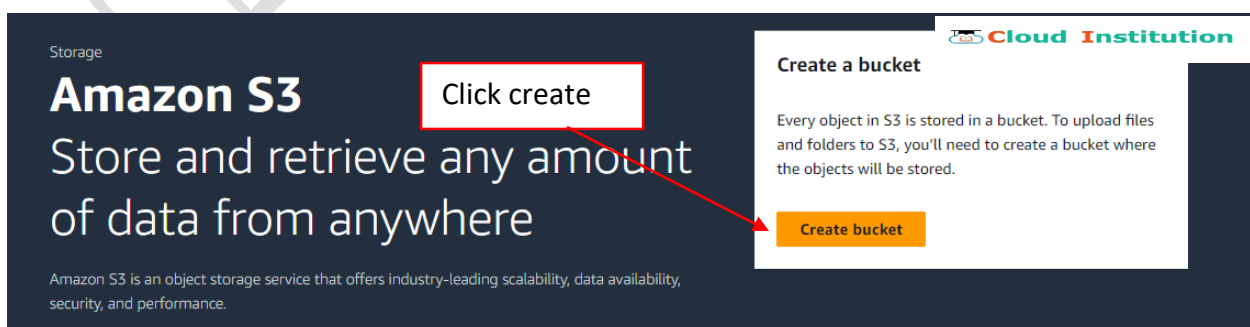
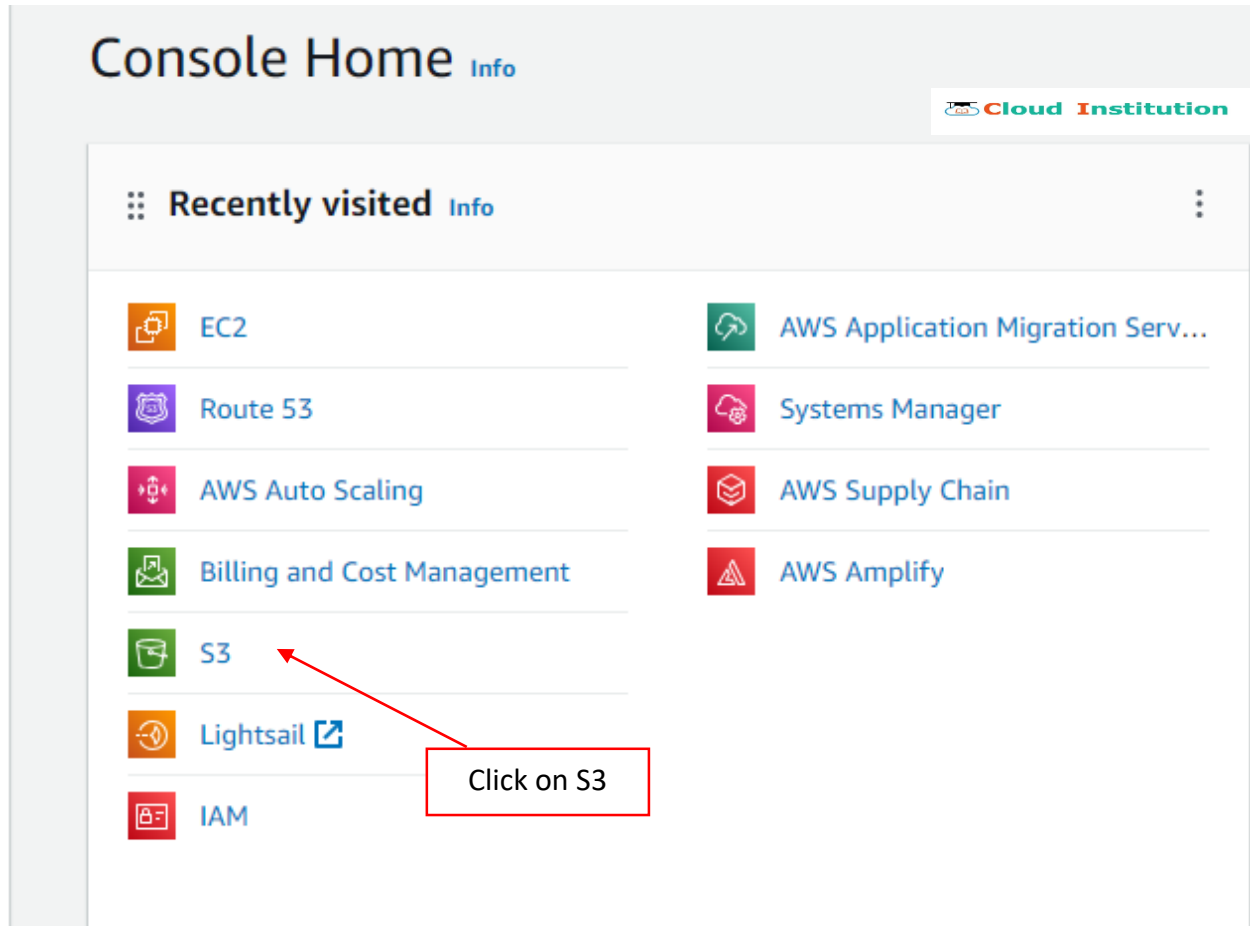


CREATING S3 BUCKET AND UPLOADING FILES IN THE BUCKET

Step 1 : Create a bucket



General configuration

AWS Region

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

Bucket type [Info](#)

☒ 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 - New

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 [Info](#)

cloud-institution-bang

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#) 

Copy settings from existing bucket - optional

Only the bucket settings in the following configuration

Choose bucket

Format: s3://bucket/prefix

Give name to the bucket

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.

 We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.

Enable ACL

Object Ownership

☒ Bucket owner preferred

If new objects written to this bucket specify the bucket-owner-full-control canned ACL, they are owned by the bucket owner. Otherwise, they are owned by the object writer.

☐ Object writer

The object writer remains the object owner.

☐ **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 to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets or objects. Turning this setting on doesn't change any existing permissions that allow public access to S3 resources.

☐ **Block public access to buckets and objects granted through *any* access control lists (ACLs)**

S3 will ignore all ACLs that grant public access to buckets and objects.

☐ **Block public access to buckets and objects granted through *new* public bucket or access point policies**

S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

☐ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**

S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.



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

AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.

☒ I acknowledge that the current settings might result in this bucket and the objects within becoming public.

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 either enable or disable it

Encryption type [Info](#)

- ☒ 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)
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](#).

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

Click create

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

Cancel

Create bucket

Bucket is created

[Amazon S3](#) > Buckets► Account snapshot [All AWS Regions](#)

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

[View Storage Lens dashboard](#)

General purpose buckets

Directory buckets

General purpose buckets (1) [Info](#) [All AWS Regions](#)

Buckets are containers for data stored in S3.

Click on the bucket

Name	AWS Region	IAM Access Analyzer	Creation date
<input type="radio"/> cloud-institution-bang	US East (N. Virginia) us-east-1	View analyzer for us-east-1	April 30, 2024, 10:50:59 (UTC+05:30)

Step 2 : Upload object to the bucket

cloud-institution-bang [Info](#)

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

Objects (0) [Info](#)

[Refresh](#) [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](#)

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

[Upload](#)

Click on upload

[Amazon S3](#) > [Buckets](#) > [cloud-institution-bang](#) > [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 folder**.

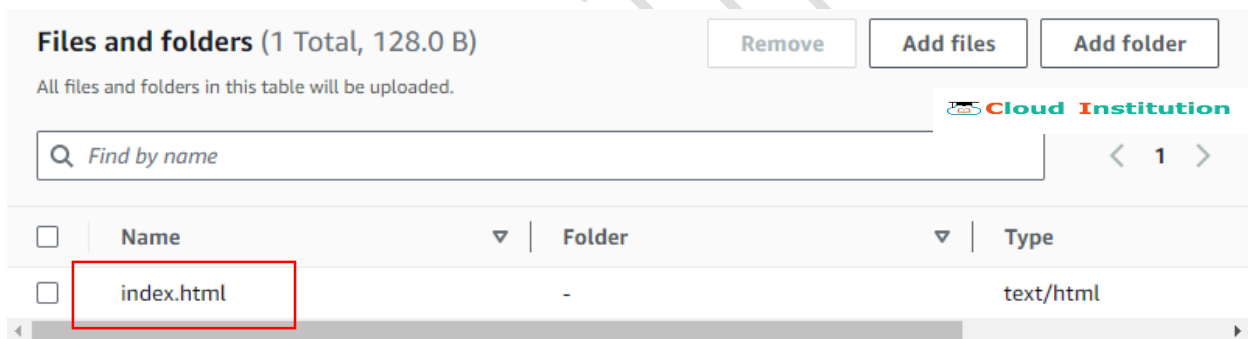
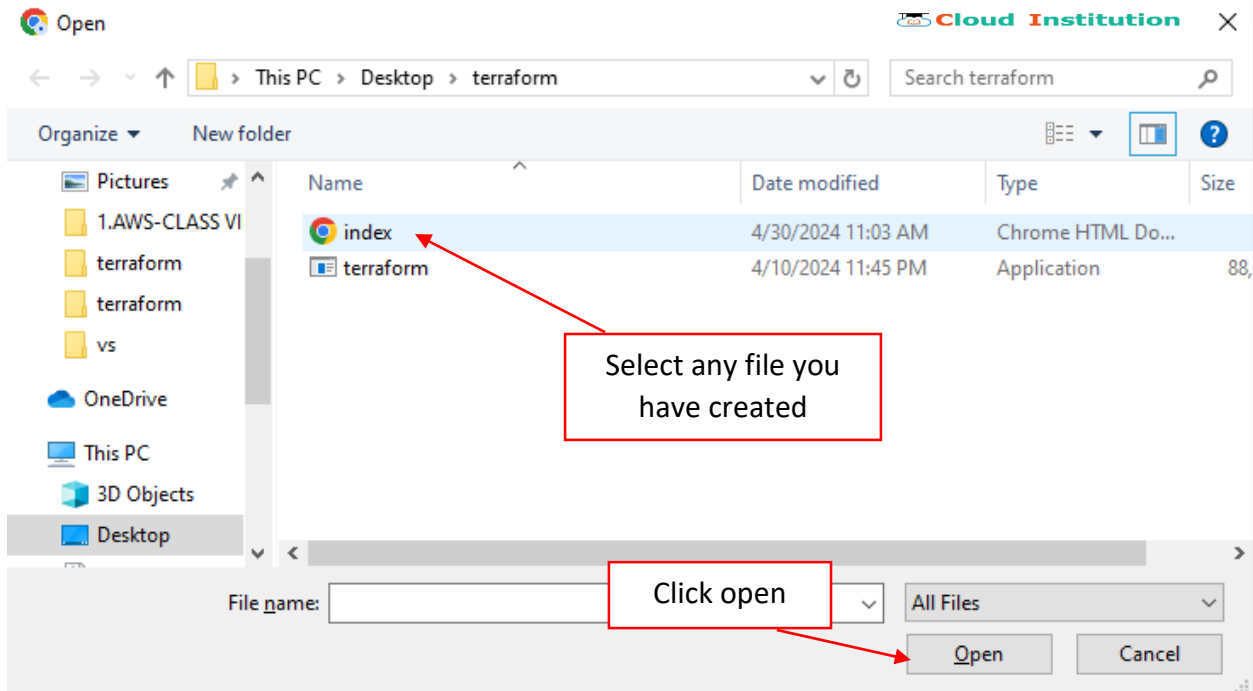
Files and folders (0)

All files and folders in this table will be uploaded.

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

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

Click on Add files



Destination [Info](#)

Destination

s3://cloud-institution-bang

► 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.

Click upload

Cancel

Upload

Object is now uploaded

Files and folders

Configuration

Files and folders (1 Total, 128.0 B)

Find by name

Name	Folder	Type	Size	Status	Error
index.html	-	text/html	128.0 B	✓ Succeeded	-

Click on the object

index.html [Info](#)

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

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

Object overview

Owner
shwetakanaki

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

Last modified
April 30, 2024, 10:58:54 (UTC+05:30)

Size
128.0 B

Type

S3 URI
<s3://cloud-institution-bang/index.html>

Amazon Resource Name (ARN)
<arn:aws:s3:::cloud-institution-bang/index.html>

Entity tag (Etag)
32ab24c8730c51ec38e524119c3407de

Object URL
<https://cloud-institution-bang.s3.amazonaws.com/index.html>

Click on object actions

index.html [Info](#)

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

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

Object overview

Owner
shwetakanaki

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

Last modified
April 30, 2024, 10:58:54 (UTC+05:30)

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S3 URI
<s3://cloud-institution-bang/index.html>

Amazon Resource Name (ARN)
<arn:aws:s3:::cloud-institution-bang/index.html>

Entity tag (Etag)
32ab24c8730c51ec38e524119c3407de

Object URL
<https://cloud-institution-bang.s3.amazonaws.com/index.html>

Make the object public


- Download as
- Share with a presigned URL
- Calculate total size
- Copy
- Move
- 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**

Make public [Info](#)

The make public action enables public read access in the object access control list (ACL) settings. [Learn more](#).

⚠ When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects.

Specified objects

Name ▲	Type ▼	Last modified ▼	Size ▼
 index.html	html	April 30, 2024, 10:58:54 (UTC+05:30)	128.0 B

Click on
Make public

Cancel

Make public


Make public: status

Close

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

Summary

Source
s3://cloud-institution-bang

Successfully edited public access
 1 object, 128.0 B

Failed to edit public access
0 objects

Click close

index.html [Info](#)

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

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

Object overview

Owner
shwetakanaki

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

Last modified
April 30, 2024, 10:58:54 (UTC+05:30)

Size
128.0 B

Type

S3 URI
<s3://cloud-institution-bang/index.html>

Amazon Resource Name (ARN)
<arn:aws:s3:::cloud-institution-bang/index.html>


Entity tag (Etag)
[32ab24c8730c51ec38e524119c3407de](#)

Object URL
<https://cloud-institution-bang.s3.amazonaws.com/index.html>

Copy the object URL and paste it in the browser

Result :

← → ↻ 🔍 cloud-institution-bang.s3.amazonaws.com/index.html

Welcome to Cloud Institution.....  Cloud Institution