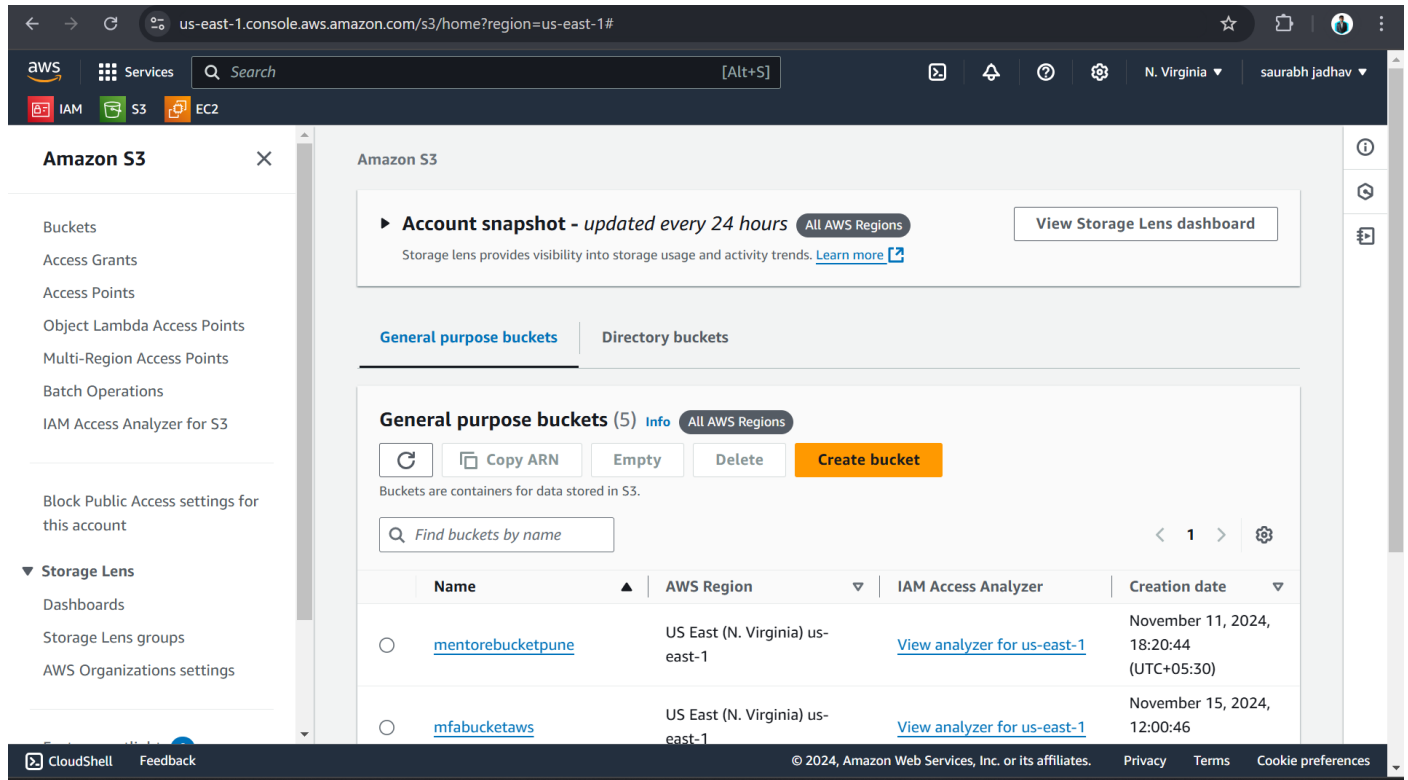
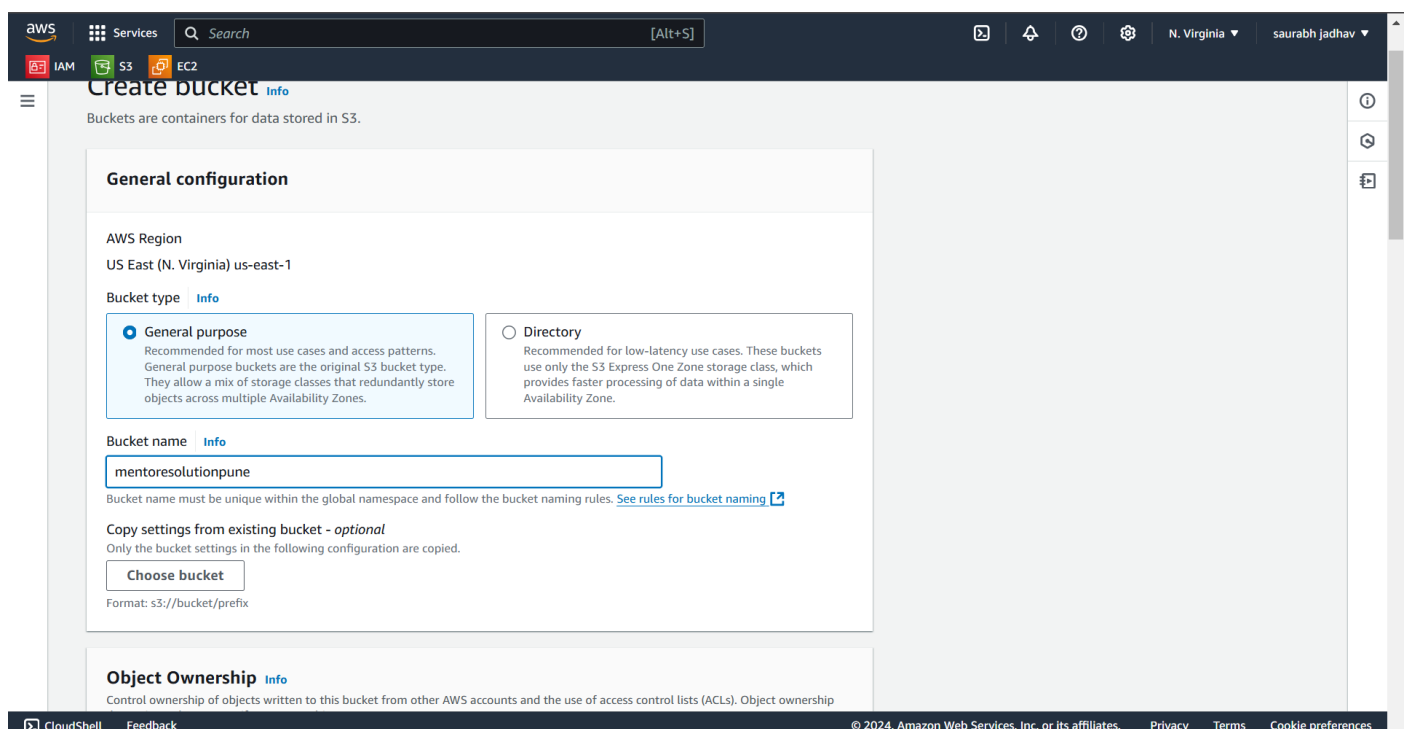


## 1. Task : "Creating an S3 Bucket, Uploading an Object, and Configuring Temporary Public Access for One Hour"

### 1. Create S3 Bucket



### 2. Enter the Bucket Name



### 3. Set the Bucket Type

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S3

EC2

Amazon S3

Buckets

Create bucket

## Create bucket

Info

Buckets are containers for data stored in S3.

### 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

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

myawsbucket

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 are copied.

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### 4. Set the Default Setting.

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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

### 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)

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## 5. Select the Option Create Bucket . Then Successfully Created the bucket .

The screenshot shows the 'Default encryption' step in the AWS console. The 'Encryption type' section has three radio buttons: 'Server-side encryption with Amazon S3 managed keys (SSE-S3)' (selected), 'Server-side encryption with AWS Key Management Service keys (SSE-KMS)', and 'Dual-layer server-side encryption with AWS Key Management Service keys (DSSE-KMS)'. Below this, the 'Bucket Key' section has two radio buttons: 'Disable' and 'Enable' (selected). A 'Create bucket' button is at the bottom right.

**Default encryption** [Info](#)

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)
- ☐ 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**

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

[Cancel](#) [Create bucket](#)

## 6. In That Bucket Upload the Object .

The screenshot shows the 'Objects' tab of the 'mentorebucketpune' bucket. It displays a list of three objects: 'file1.txt', 'front-left-side-047.webp', and 'saraswati-vector-28926527.jpg'. The table has columns for Name, Type, Last modified, Size, and Storage class. An 'Upload' button is at the top right.

[Amazon S3](#) > [Buckets](#) > mentorebucketpune

**mentorebucketpune** [Info](#)

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

**Objects (3)** [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](#)

☐ Show versions [1](#)

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">file1.txt</a>	txt	November 12, 2024, 13:50:45 (UTC+05:30)	42.0 B	Standard
<input type="checkbox"/>	<a href="#">front-left-side-047.webp</a>	webp	November 15, 2024, 11:35:17 (UTC+05:30)	48.0 KB	Standard
<input type="checkbox"/>	<a href="#">saraswati-vector-28926527.jpg</a>	jpg	November 15, 2024, 10:35:06 (UTC+05:30)	161.5 KB	Standard

7. Select the Object from your device

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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, 161.5 KB)

Remove

Add files

Add folder

All files and folders in this table will be uploaded.

Find by name

< 1 >

<input checked="" type="checkbox"/>	Name	Folder	Type	Size
<input checked="" type="checkbox"/>	saraswati-vector-289...	-	image/jpeg	161.5 KB

Destination

[s3://mentorebucketpune](#)

Destination details

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

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8. Object uploaded Successfully.

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Upload succeeded

View details below.

Summary

Destination <a href="#">s3://mentorebucketpune</a>	Succeeded ✔ 1 file, 161.5 KB (100.00%)	Failed ⊘ 0 files, 0 B (0%)
---	---	-------------------------------

Files and folders

Configuration

Files and folders (1 total, 161.5 KB)

Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
<a href="#">saraswati-ve...</a>	-	image/jpeg	161.5 KB	✔ Succeeded	-

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## 9. Goto Cmd and login your Aws account and Enter the Cmd and Bucket Name

```
C:\Users\Lenovo>aws s3 ls s3://mentorebucketpune/
2024-11-12 13:50:45          42 file1.txt
2024-11-15 10:35:06       165343 saraswati-vector-28926527.jpg

C:\Users\Lenovo>

C:\Users\Lenovo>aws s3 presign s3://mentorebucketpune/saraswati-vector-28926527.jpg --expires-in 3600
https://mentorebucketpune.s3.amazonaws.com/saraswati-vector-28926527.jpg?X-Amz-Algorithm=AWS4-HMAC-SHA256&X-Amz-Credential=AKIAUGO4KO52SXUSPPN6%2F20241115%2Fus-east-1%2Fs3%2Faws4_request&X-Amz-Date=20241115T050721Z&X-Amz-Expires=3600&X-Amz-SignedHeaders=host&X-Amz-Signature=af41fe7f69fbc855cf0bf0aa732c2366f2cc73385ebd910283eff9d8f8b011a1

C:\Users\Lenovo>
```

## 10. Copy URL And Check it on browser. Your Object is Accessible to publicly for one hour.

