AWS MODULE

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BATCH NO – SA2409031

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L6. Create S3 Bucket and add folders and files

Step 1: Create an S3 Bucket

1. Sign in to the AWS Management Console and open the S3 service.
2. Click on Create bucket.
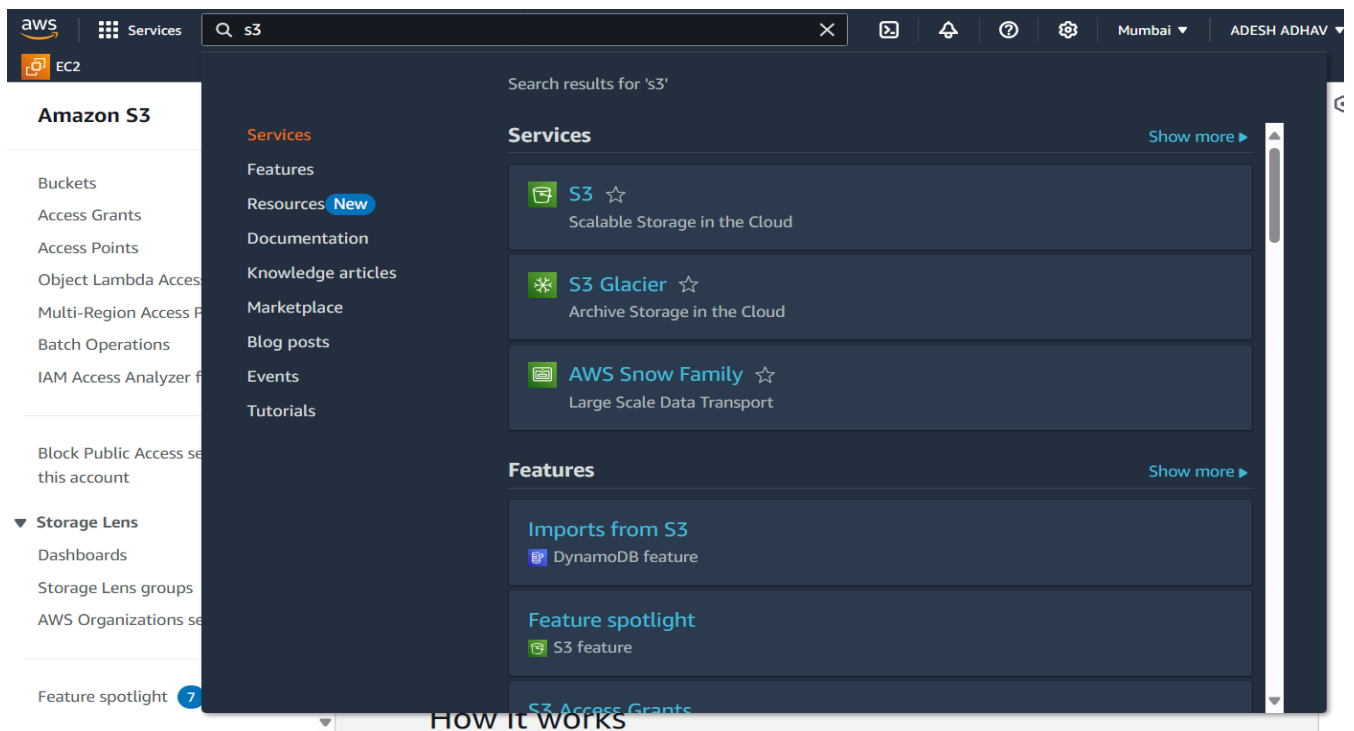3. click on Create bucket.

Step 2: Create Folders in the Bucket

1. Open the bucket you just created.
2. Click on Create folder.
3. Enter a folder name and click Create folder.

Step 3: Upload Files to the Bucket

1. Open the folder that you created.
2. Click on Upload.
3. Drag and drop files .
4. Upload the file.

- NAVIGATE TO S3

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

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

☰ EC2

How it works

Customers of all sizes and industries can store and protect any amount of data for virtually any use case, such as data lakes, cloud-native applications, and mobile apps. With cost-effective storage classes and easy-to-use management features, you can optimize costs, organize data, and configure fine-tuned access controls to meet specific business, organizational, and compliance requirements.

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 [↗]

User guide

API reference

FAQs

Discussion forums

Create bucket Info

Buckets are containers for data stored in S3.

General configuration

AWS Region
Asia Pacific (Mumbai) ap-south-1

Bucket name Info

devopsadesh

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.

Choose bucket

Format: s3://bucket/prefix

Object Ownership Info

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

- ● 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)**
    S3 will ignore all ACLs that grant public access to buckets and objects.

  - ☑ **Block public access to buckets and objects granted through *new* public bucket or access point policies**
    S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.

  - ☑ **Block public and cross-account access to buckets and objects through *any* public bucket or access point policies**
    S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.

Bucket Versioning

Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more ⬈

Bucket Versioning
- ○ Disable
- ● Enable

Tags - *optional* (0)

You can use bucket tags to track storage costs and organize buckets. Learn more ⬈

No tags associated with this bucket.

Add tag

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

⊘ **Successfully created bucket "devopsadesh"**
To upload files and folders, or to configure additional bucket settings, choose **View details**.

[View details] ✕

Amazon S3 > Buckets

▶ **Account snapshot** - *updated every 24 hours* `All AWS Regions`   [View Storage Lens dashboard]

Storage lens provides visibility into storage usage and activity trends. Learn more ↗

General purpose buckets	Directory buckets

General purpose buckets (1) Info `All AWS Regions`   ⟳ [⧉ Copy ARN] [Empty] [Delete] [**Create bucket**]

Buckets are containers for data stored in S3.

🔍 Find buckets by name   ‹ 1 ›   ⚙

	Name	▲	AWS Region ▽	IAM Access Analyzer	Creation date ▽
○	devopsadesh		Asia Pacific (Mumbai) ap-south-1	View analyzer for ap-south-1	October 23, 2024, 18:53:36 (UTC+05:30)

Amazon S3 > Buckets > devopsadesh

devopsadesh Info

Objects	Properties	Permissions	Metrics	Management	Access Points

Objects (0) Info   ⟳ [⧉ Copy S3 URI] [⧉ Copy URL] [⤓ Download] [Open ↗] [Delete] [Actions ▾] [Create folder] [⇪ **Upload**]

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ↗ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ↗

🔍 Find objects by prefix   ⬤ Show versions   ‹ 1 ›   ⚙

	Name	▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽

No objects

You don't have any objects in this bucket.

[⇪ Upload]

Upload Info

Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more ⧉

aws | Services | Q Search [Alt+S] | | Mumbai ▾ | ADESH ADHAV ▾

EC2

Files and folders (2 Total, 1.6 MB)

[Remove] [Add files] [Add folder]

All files and folders in this table will be uploaded.

Q Find by name   ‹ 1 ›

☑	Name ▾	Folder ▾	Type
☑	AWS MODULE L3 BY ADESH ADHAV.pdf	-	application/p
☑	AWS MODULE L1 BY ADESH ADHAV (1).pdf	-	application/p

Destination Info

Destination
s3://devopsadesh/adesh/ ⧉

▶ 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.

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[Cancel]   [Upload]

---

aws | Services | Q Search [Alt+S] | | Mumbai ▾ | ADESH ADHAV ▾

EC2

⊘ **Upload succeeded**
View details below.

Summary

Destination	Succeeded	Failed
s3://devopsadesh/adesh/	⊘ 2 files, 1.6 MB (100.00%)	⊖ 0 files, 0 B (0%)

Files and folders | Configuration

Files and folders (2 Total, 1.6 MB)

Q Find by name   ‹ 1 ›

Name	Folder ▾	Type ▾	Size ▾	Status ▾	Error ▾
AWS MODUL...	-	application/pdf	838.6 KB	⊘ Succeeded	-
AWS MODUL...	-	application/pdf	766.4 KB	⊘ Succeeded	-

CloudShell   Feedback   © 2024, Amazon Web Services, Inc. or its affiliates.   Privacy   Terms   Cookie preferences

devopsadesh Info

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

Objects (1) Info

[↻] | 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 ↗

[Q Find objects by prefix] ⚪ Show versions   ‹ 1 › ⚙

☐	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	🗁 adesh/	Folder	-	-	-

Amazon S3 > Buckets > devopsadesh > adesh/

adesh/

[Copy S3 URI]

Objects | Properties

Objects (2) Info

[↻] | 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 ↗

[Q Find objects by prefix] ⚪ Show versions   ‹ 1 › ⚙

☐	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	🗎 AWS MODULE L1 BY ADESH ADHAV (1).pdf	pdf	October 23, 2024, 19:01:28 (UTC+05:30)	838.6 KB	Standard
☐	🗎 AWS MODULE L3 BY ADESH ADHAV.pdf	pdf	October 23, 2024, 19:01:29 (UTC+05:30)	766.4 KB	Standard

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Amazon S3 > Buckets > devopsadesh > adesh/

adesh/

[Copy S3 URI]

Objects | Properties

Folder overview

AWS Region	S3 URI	Amazon Resource Name (ARN)
Asia Pacific (Mumbai) ap-south-1	🗐 s3://devopsadesh/adesh/	🗐 arn:aws:s3:::devopsadesh/adesh/