

Task 3

The Project

aws

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[Alt+S]

Asia Pacific (Mumbai)

Joel Jaïson

Amazon S3

Buckets

Create bucket

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

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Amazon S3

Buckets

Successfully created bucket "first-storage-bucket1"

To upload files and folders, or to configure additional bucket settings, choose [View details](#).

Account snapshot - updated every 24 hours

All AWS Regions

Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. [Learn more](#)

[View Storage Lens dashboard](#)

General purpose buckets

Directory buckets

General purpose buckets (2)

Info

All AWS Regions

Buckets are containers for data stored in S3.

Copy ARN

Empty

Delete

Create bucket

Name

▲

AWS Region

▼

IAM Access Analyzer

Creation date

▼

☐ [elasticbeanstalk-ap-south-1-762593866529](#)

Asia Pacific (Mumbai) ap-south-1

[View analyzer for ap-south-1](#)

May 26, 2025, 11:55:51 (UTC+05:30)

☐ [first-storage-bucket1](#)

Asia Pacific (Mumbai) ap-south-1

[View analyzer for ap-south-1](#)

July 5, 2025, 00:18:26 (UTC+05:30)

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Amazon S3

Buckets

first-storage-bucket1

first-storage-bucket1

Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (0)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

No objects

You don't have any objects in this bucket.

Upload

Amazon S3

Buckets

first-storage-bucket1

Successfully created folder "images".

first-storage-bucket1

Info

Objects

Properties

Permissions

Metrics

Management

Access Points

Objects (1)

Copy S3 URI

Copy URL

Download

Open

Delete

Actions

Create folder

Upload

Find objects by prefix

Name

Type

Last modified

Size

Storage class

images/

Folder

-

-

-

Amazon S3

Buckets

first-storage-bucket1

images/

Upload

Files and folders (1 total, 104.6 KB)

Remove

Add files

Add folder

Find by name

Name

Folder

Type

Size

pexels-eberhardgross-1624496.jpg

-

image/jpeg

104.6 KB

Destination

Info

Destination

s3://first-storage-bucket1/images/

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.

Cancel

Upload

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Amazon S3 > Buckets > first-storage-bucket1 > Edit bucket policy

Policy

1 {
2 "Version": "2012-10-17",
3 "Statement": [
4 {
5 "Sid": "PublicheadGetObject",
6 "Effect": "Allow",
7 "Principal": "*",
8 "Action": "s3:GetObject",
9 "Resource": "arn:aws:s3:::my-first-storage-bucket/*"
10 }
11]
12 }

Edit statement

Select a statement

Select an existing statement in the policy or add a new statement.

+ Add new statement

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Amazon S3 > Buckets > first-storage-bucket1

Objects

Properties

Permissions

Metrics

Management

Access Points

Bucket overview

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

Amazon Resource Name (ARN)
arn:aws:s3:::first-storage-bucket1

Creation date
July 5, 2025, 00:18:26 (UTC+05:30)

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
Disabled

Multi-factor authentication (MFA) delete
An additional layer of security that requires multi-factor authentication for changing Bucket Versioning settings and permanently deleting object versions. To modify MFA delete settings, use the AWS CLI, AWS SDK, or the Amazon S3 REST API. [Learn more](#)

Disabled

Tags (0)

You can use bucket tags to track storage costs and organize buckets. [Learn more](#)

Key	Value
-----	-------

https://ap-south-1.console.aws.amazon.com/console/home?region=ap-south-1 © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Amazon S3 > Buckets > first-storage-bucket1 > Edit Bucket Versioning

Edit Bucket Versioning

Bucket Versioning

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Bucket Versioning

☐ Suspend
This suspends the creation of object versions for all operations but preserves any existing object versions.

☒ Enable

After enabling Bucket Versioning, you might need to update your lifecycle rules to manage previous versions of objects.

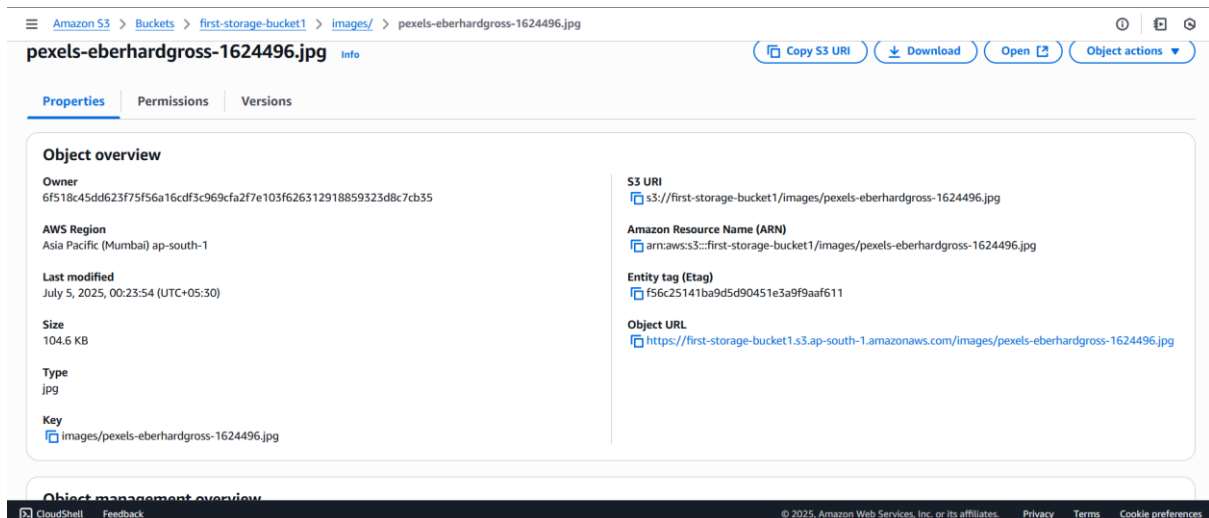
Multi-factor authentication (MFA) delete
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Disabled

Cancel

Save changes

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Uses and Application

1. Hosting Personal Portfolios and Resumes

Amazon S3 is ideal for hosting static websites such as student portfolios, CVs, or personal blogs. It supports HTML, CSS, and JavaScript files, making it easy to showcase projects and achievements to employers or clients. Users can build a simple resume site and host it without worrying about managing any backend servers.

2. Frontend Web App Hosting

Frontend developers can deploy React, Angular, or Vue.js apps as static builds directly on S3. The compiled build folder is uploaded to the S3 bucket and configured for hosting. This allows for lightweight and serverless deployment of client-side applications.