

Implementing S3 in AWS

Using management console (Simulearn)



Amazon S3

✓ Successfully created bucket "lab-bucket-202511"

To upload files and folders, or to configure additional bucket settings, choose View details.

[View details](#)

×

General purpose buckets

All AWS Regions

Directory buckets

General purpose buckets (3) [Info](#)

Buckets are containers for data stored in S3.



[Copy ARN](#)

[Empty](#)

[Delete](#)

[Create bucket](#)

[Find buckets by name](#)

< 1 >

Name	AWS Region	Creation date
awslabs-resources-krxqqla59sui8d-us-east-1-947962727684	US East (N. Virginia) us-east-1	September 21, 2020, 18:25:45 (UTC-02:30)
awslabs-resources-r5b3y6ojjszcap-us-east-1-947962727684	US East (N. Virginia) us-east-1	February 8, 2024, 17:14:50 (UTC-03:30)
lab-bucket-202511	US East (N. Virginia) us-east-1	November 17, 2025, 12:16:26 (UTC-03:30)

► Account snapshot [Info](#)

Updated daily

Storage Lens provides visibility into storage usage and activity trends.

[View dashboard](#)

► External access summary - new [Info](#)

Updated daily

External access findings help you identify bucket permissions that allow public access or access from other AWS accounts.

Concept

To store your data in Amazon S3, you first create an S3 bucket and specify a bucket name and AWS Region. To adhere to corporate policies you can create IAM rules that limit that all buckets begin with a certain prefix.

Step 5

1. For Bucket name, type a unique name that starts with lab-bucket-.

- As a best practice and for security purposes, it is recommended that a public bucket start or contain the word public in it to warn others in your organization of that fact.

- Please make sure to include the trailing hyphen (-).

Sample1.jpeg

Sample2.jpeg

lab_resources.txt

Lab Files

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 **lab-bucket-20241029** 1. Type

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 Info 2. Scroll

Format: s3://bucket/prefix

CloudShell

Feedback

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LAB FILES

GOALS

Step **5** of 22

ARCHITECTURE

DIALOGUE

ASSISTANT



Search

[Option+S]



United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d9



⌚ Upload succeeded

For more information, see the [Files and folders](#) table.



Upload: status



ⓘ After you navigate away from this page, the following information is no longer available.

Summary

Destination

s3://lab-bucket-202511

Succeeded

⌚ 1 file, 13.1 KB (100.00%)

Failed

⌚ 0 files, 0 B (0%)

Files and folders

Configuration

Files and folders (1 total, 13.1 KB)

 Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
Sample1.jpeg ↗	-	image/jpeg	13.1 KB	⌚ Succeeded	-



Search

[Option+S]



United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d



Amazon S3 > Buckets > lab-bucket-202511 > Sample1.jpeg



Amazon S3



General purpose buckets

Directory buckets

Table buckets

Vector buckets

Access Grants

Access Points (General Purpose Buckets, FSx file systems)

Access Points (Directory Buckets)

Object Lambda Access Points

Multi-Region Access Points

Batch Operations

IAM Access Analyzer for S3

Block Public Access settings for this account

▼ Storage Lens

Dashboards

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AWS Organizations settings

Sample1.jpeg

Info

Copy S3 URI

Download

Open

Object actions

Properties

Permissions

Versions

Object overview

Owner

f81c64e34f225a324025f08de7e5bcb31c093461c7bf2314e98f13ff24ca53fc

S3 URI

 s3://lab-bucket-202511/Sample1.jpeg

AWS Region

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

Amazon Resource Name (ARN)

 arn:aws:s3:::lab-bucket-202511/Sample1.jpeg

Last modified

November 17, 2025, 12:19:15 (UTC-03:30)

Entity tag (Etag)

 0e7201a8eed0afdb328b17b

Object URL Copied

 Object URL https://lab-bucket-202511.s3.us-east-1.amazonaws.com/Sample1.jpeg

Size

13.1 KB

Type

jpeg

Key

 Sample1.jpeg

Object management overview

The following bucket properties and object management configurations impact the behavior of this object.

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>0KS5JP5YPWTW01K</RequestId>
  <HostId>7Rvq9C9g1r5TkHn2kN+E7qXstiAXhQW0JFDeoDBDoYhMQXiuMtCgYeM5CPeRPshc0rnrssZBpBpaBnm5yBZ0QMSGCvb8JGw6</HostId>
</Error>
```



Search

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United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d98...



Amazon S3 > Buckets > lab-bucket-202511



Amazon S3



Successfully edited Block Public Access settings for this bucket.



General purpose buckets

[Directory buckets](#)[Table buckets](#)[Vector buckets](#)[Access Grants](#)[Access Points \(General Purpose Buckets, FSx file systems\)](#)[Access Points \(Directory Buckets\)](#)[Object Lambda Access Points](#)[Multi-Region Access Points](#)[Batch Operations](#)[IAM Access Analyzer for S3](#)[Block Public Access settings for this account](#)

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lab-bucket-202511 [Info](#)

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

Permissions overview

Access finding

Access findings are provided by IAM external access analyzers. Learn more about [How IAM analyzer findings work](#)

[View analyzer for us-east-1](#)[Edit](#)

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](#)

Block all public access

Off

[► Individual Block Public Access settings for this bucket](#)[Edit](#)[Delete](#)

Bucket policy



Search

[Option+S]



United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d987...



Amazon S3 > Buckets > lab-bucket-202511 > Edit bucket policy



Edit bucket policy Info

Amazon S3



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Bucket policy

[Policy examples ↗](#)

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 ↗](#)

Bucket ARN

[arn:aws:s3:::lab-bucket-202511](#)

Policy

```
1▼ {  
2    "Version": "2012-10-17",  
3▼      "Statement": [  
4▼          {  
5            "Effect": "Allow",  
6            "Principal": "*",  
7            "Action": "s3:GetObject",  
8            "Resource": "arn:aws:s3:::lab-bucket-202511/Sample1.jpeg"  
9          }  
10     ]  
11   }  
12 }
```

[Edit statement](#)[Select a statement](#)

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

[+ Add new statement](#)



Search

[Option+S]



United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d987...



Amazon S3 > Buckets > lab-bucket-202511



Amazon S3



Successfully edited bucket policy.



► Individual Block Public Access settings for this bucket

Bucket policy

[Edit](#)[Delete](#)

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 ↗](#)

```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Effect": "Allow",  
            "Principal": "",  
            "Action": "s3:GetObject",  
            "Resource": "arn:aws:s3:::lab-bucket-202511/Sample1.jpeg"  
        }  
    ]  
}
```

[Copy](#)

General purpose buckets

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[Block Public Access settings for this account](#)

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✓ Upload succeeded

For more information, see the [Files and folders](#) table.

X

Upload: status

[Close](#)

ⓘ After you navigate away from this page, the following information is no longer available.

Summary

Destination<s3://lab-bucket-202511>**Succeeded**

✓ 1 file, 18.1 KB (100.00%)

Failed

⌚ 0 files, 0 B (0%)

[Files and folders](#)[Configuration](#)

Files and folders (1 total, 18.1 KB)

 Find by name

< 1 >

Name	Folder	Type	Size	Status	Error
Sample2.jpeg ↗	-	image/jpeg	18.1 KB	✓ Succeeded	-

 Search

[Option+S]



United States (N. Virginia) ▾

Account ID: 9479-6272-7684

AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d

☰ Amazon S3 > Buckets > lab-bucket-202511

✓ Successfully edited bucket policy.

Bucket policy

[Edit](#)[Delete](#)

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 ↗](#)

```
{  
    "Version": "2012-10-17",  
    "Statement": [  
        {  
            "Effect": "Allow",  
            "Principal": "*",  
            "Action": "s3:GetObject",  
            "Resource": "arn:aws:s3:::lab-bucket-202511/*.jpeg"  
        }  
    ]  
}
```

[Copy](#)



