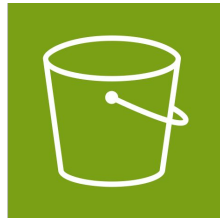


# Implementing S3 in AWS

Using management console (Simulearn)



Amazon S3

[Option+S]United States (N. Virginia) ▾Account ID: 9479-6272-7684AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d987...Amazon S3 > BucketsSuccessfully created bucket "lab-bucket-202511"To upload files and folders, or to configure additional bucket settings, choose [View details](#).[View details](#)General purpose bucketsAll AWS RegionsDirectory buckets

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

Buckets are containers for data stored in S3.

 Copy ARNEmptyDeleteCreate bucket< 1 > 

	Name ▲	AWS Region ▼	Creation date ▼
<input type="radio"/>	<a href="#">awslabs-resources-krxqq1a59sui8d-us-east-1-947962727684</a>	US East (N. Virginia) us-east-1	September 21, 2020, 18:25:45 (UTC-02:30)
<input type="radio"/>	<a href="#">awslabs-resources-r5b3y6ojjszcap-us-east-1-947962727684</a>	US East (N. Virginia) us-east-1	February 8, 2024, 17:14:50 (UTC-03:30)
<input type="radio"/>	<a href="#">lab-bucket-202511</a>	US East (N. Virginia) us-east-1	November 17, 2025, 12:16:26 (UTC-03:30)

## ▶ Account snapshot [Info](#)

Updated daily[View dashboard](#)

Storage Lens provides visibility into storage usage and activity trends.

## ▶ 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.

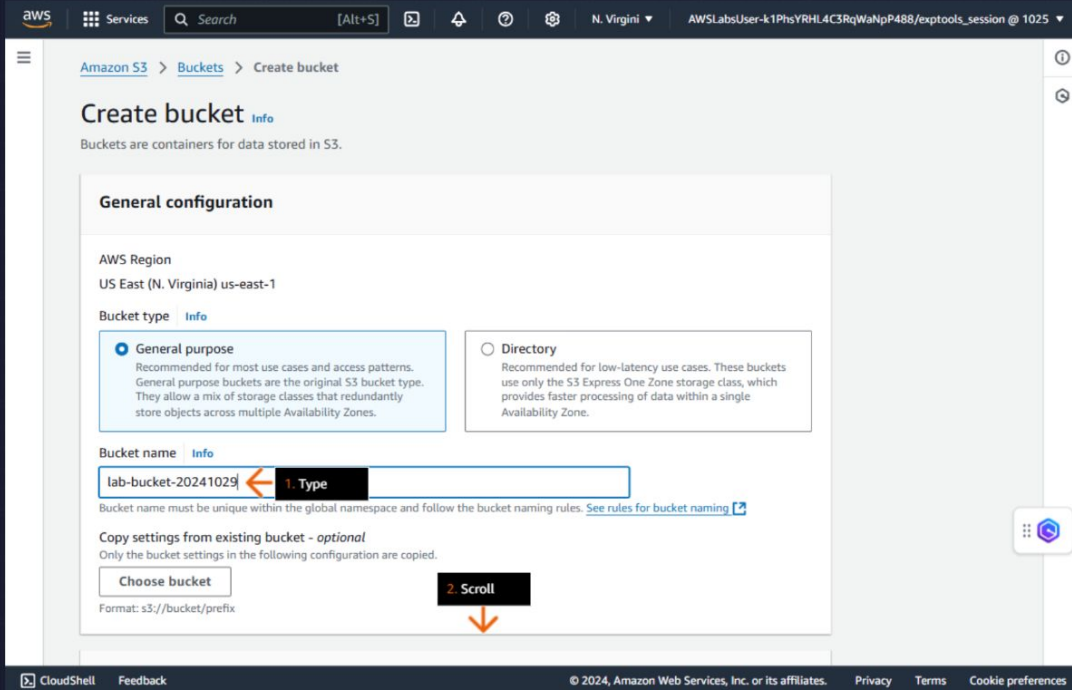
- Please make sure to include the trailing hyphen (-).

↓ Sample1.jpeg

↓ Sample2.jpeg

↓ lab\_resources.txt

Lab Files




Lab Files



GOALS



Step 5 of 22



ARCHITECTURE



DIALOGUE



ASSISTANT

[Option+S]United States (N. Virginia) ▾Account ID: 9479-6272-7684AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d9...

### Upload succeeded

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

## 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, 13.1 KB (100.00%)

#### Failed

✖ 0 files, 0 B (0%)

### Files and folders

### Configuration

### Files and folders (1 total, 13.1 KB)

< 1 >

Name	Folder	Type	Size	Status	Error
<a href="#">Sample1.jpeg</a>	-	image/jpeg	13.1 KB	✔ Succeeded	-

## 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

Storage Lens groups

AWS Organizations settings

## Sample1.jpeg [Info](#)

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

### Properties

### Permissions

### Versions

### Object overview

#### Owner

f81c64e34f225a324025f08de7e5bcb31c093461c7bf2314e98f13ff24ca53fc

#### AWS Region

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

#### Last modified

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

#### Size

13.1 KB

#### Type

jpeg

#### Key

Sample1.jpeg

#### S3 URI

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

#### Amazon Resource Name (ARN)

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

#### Entity tag (Etag)

de7201a8eed0afdb328b17b

✔ Object URL Copied

#### Object URL

https://lab-bucket-202511.s3.us-east-1.amazonaws.com/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>0KS5JP5MYPWTW01K</RequestId>
  <HostId>7Rvq9C9g1r5TkHn2kN+E7qXstiAXhQW0JFDeoDBDoYhMQXiuMtCgYeM5CPeRPshc0rnrssZBpBpaBnm5yBZ0QMSGCvb8JGw6</HostId>
</Error>
```

- 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
- Storage Lens groups
- AWS Organizations settings

✔ Successfully edited Block Public Access settings for this bucket.

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](#)

Block public access (bucket settings)

Edit

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

Bucket policy

Edit

Delete

[Option+S]United States (N. Virginia) ▾Account ID: 9479-6272-7684 ▾AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d987...Amazon S3 > Buckets > lab-bucket-202511 > Edit bucket policy

## Amazon S3



### General purpose buckets

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## Edit bucket policy Info

### 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](#)



[Option+S]United States (N. Virginia) ▾Account ID: 9479-6272-7684 ▾AWSLabsUser-khJ8WnwCa5KgAy6mthzhDo/60d987...Amazon S3 > Buckets > lab-bucket-202511

## Amazon S3



### General purpose buckets

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✓ 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





Upload succeeded

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



## 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
<a href="#">Sample2.jpeg</a>	-	image/jpeg	18.1 KB	Succeeded	-

✔️ 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](#)



Amazon S3 Bucket with  
Objects



