

# AWS Cloud Practical

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## 1. Server Access Logging in S3 bucket

- Create the another S3 bucket in the same region of main bucket whose logs need to be detected in logs bucket.
- Here, s3-dmos-bucket → main bucket  
s3-dmso-bucket-2 → logs bucket

The screenshot shows the AWS S3 Buckets page. At the top, there's a green success message: "Successfully created bucket 's3-dmso-bucket-2'". Below it, there are tabs for "General purpose buckets" (selected) and "All AWS Regions". On the right, there are buttons for "View details", "Copy ARN", "Empty", "Delete", and "Create bucket". A search bar at the bottom left says "Find buckets by name". The main table lists two buckets:

Name	AWS Region	Creation date
s3-dmos-bucket	Europe (Stockholm) eu-north-1	January 6, 2026, 15:13:38 (UTC+05:30)
s3-dmso-bucket-2	Europe (Stockholm) eu-north-1	January 6, 2026, 15:38:06 (UTC+05:30)

### Enable logging on Main Bucket

- Go to **Main bucket → Properties**
- Enable **Server access logging**
- Select **logs bucket's path**
- Add prefix: access-logs/

## Edit server access logging Info

### Server access logging

Log requests for access to your bucket. [Learn more](#)

#### Server access logging

- Disable
- Enable

**Bucket policy will be updated**

When you enable server access logging, the S3 console automatically updates your bucket policy to include access to the S3 log delivery group.

#### Destination

Specify a destination bucket in the Europe (Stockholm) eu-north-1 Region. To store your logs under a particular prefix, make sure that you include a slash (/) after the name of the prefix. Otherwise, the prefix will be added to the name of your log files.

[Browse S3](#)

Format: s3://<bucket>/<optional-prefix-with-path>

#### Destination Region

Europe (Stockholm) eu-north-1

#### Destination bucket name

s3-dmos-bucket-2

#### Destination prefix

access-logs/

- Upload, download or delete files from main bucket and wait for 5-10 mins then check the logs bucket.

**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://s3-dmos-bucket

##### Succeeded

1 file, 831.5 KB (100.00%)

##### Failed

0 files, 0 B (0%)

#### Files and folders

#### Configuration

#### Files and folders (1 total, 831.5 KB)

< 1 >

Name	Folder	Type	Size	Status	Error
wedexp1.png	-	image/png	831.5 KB	Succeeded	-

- Logs track who accessed S3 and when.

Amazon S3 > Buckets > s3-dmsa-bucket-2 > access-logs/

## access-logs/

[Copy S3 URI](#)

[Objects](#) [Properties](#)

### Objects (9)

[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](#)

<input type="checkbox"/>	Name	Type	Last modified	Size	Storage class
<input type="checkbox"/>	<a href="#">2026-01-06-11-15-39-22376ACBEF153961</a>	-	January 6, 2026, 16:45:40 (UTC+05:30)	626.0 B	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-18-16-DBCCDEB733848CA2</a>	-	January 6, 2026, 16:48:17 (UTC+05:30)	630.0 B	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-21-07-61943868CDDDB6C5</a>	-	January 6, 2026, 16:51:08 (UTC+05:30)	626.0 B	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-24-03-1416E7D7FB0465B2</a>	-	January 6, 2026, 16:54:04 (UTC+05:30)	677.0 B	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-25-26-FA07722E4F9EF799</a>	-	January 6, 2026, 16:55:27 (UTC+05:30)	626.0 B	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-27-59-993CA5B1A0CFB0E8</a>	-	January 6, 2026, 16:58:00 (UTC+05:30)	1.3 KB	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-29-46-C75A3768D481236E</a>	-	January 6, 2026, 16:59:47 (UTC+05:30)	1.2 KB	Standard
<input type="checkbox"/>	<a href="#">2026-01-06-11-29-49-61237153FD5AA156</a>	-	January 6, 2026, 16:59:50 (UTC+05:30)	631.0 B	Standard