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

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.

`s3://s3-dmso-bucket-2/access-logs/`   **Browse S3**

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

Destination Region
Europe (Stockholm) eu-north-1

Destination bucket name
s3-dmso-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	**Succeeded**	**Failed**
s3://s3-dmos-bucket	⊘ 1 file, 831.5 KB (100.00%)	⊙ 0 files, 0 B (0%)

Files and folders   Configuration

Files and folders (1 total, 831.5 KB)

🔍 Find by name   < 1 >

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

- Logs track who accessed S3 and when.