

Bucket versioning ,
Bucket replication ,
Server access logging

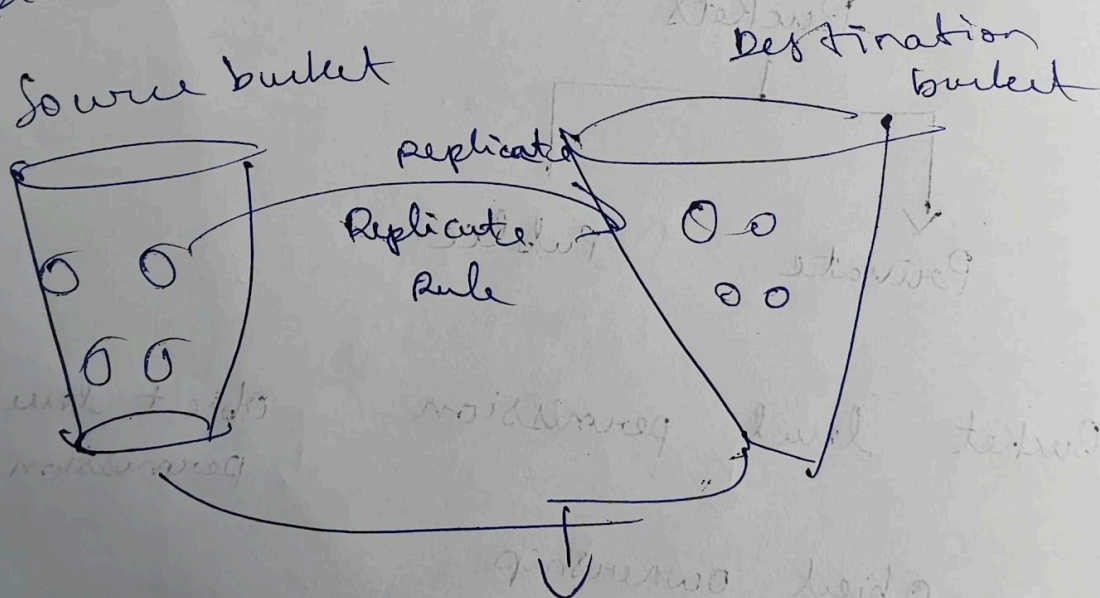
39 regions
123 zones

Bucket Replication :-

3 types -> SRR - Same Region Replication
CRR - Cross Region Replication
CAR - Cross Account Replication.

Bucket Replication :

copies the objects b/w S3 buckets - automatically



Server Access Logging :

TO capture

Bucket versioning

Create bucket [Info](#)
Buckets are containers for data stored in S3.

General configuration

AWS Region
Europe (Stockholm) eu-north-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](#)
sourceloki457633
Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). [Learn more](#)

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
[Choose bucket](#)
Format: s3://bucket/prefix

Object Ownership [Info](#)
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.

This is the **Amazon S3 – Create bucket** page.

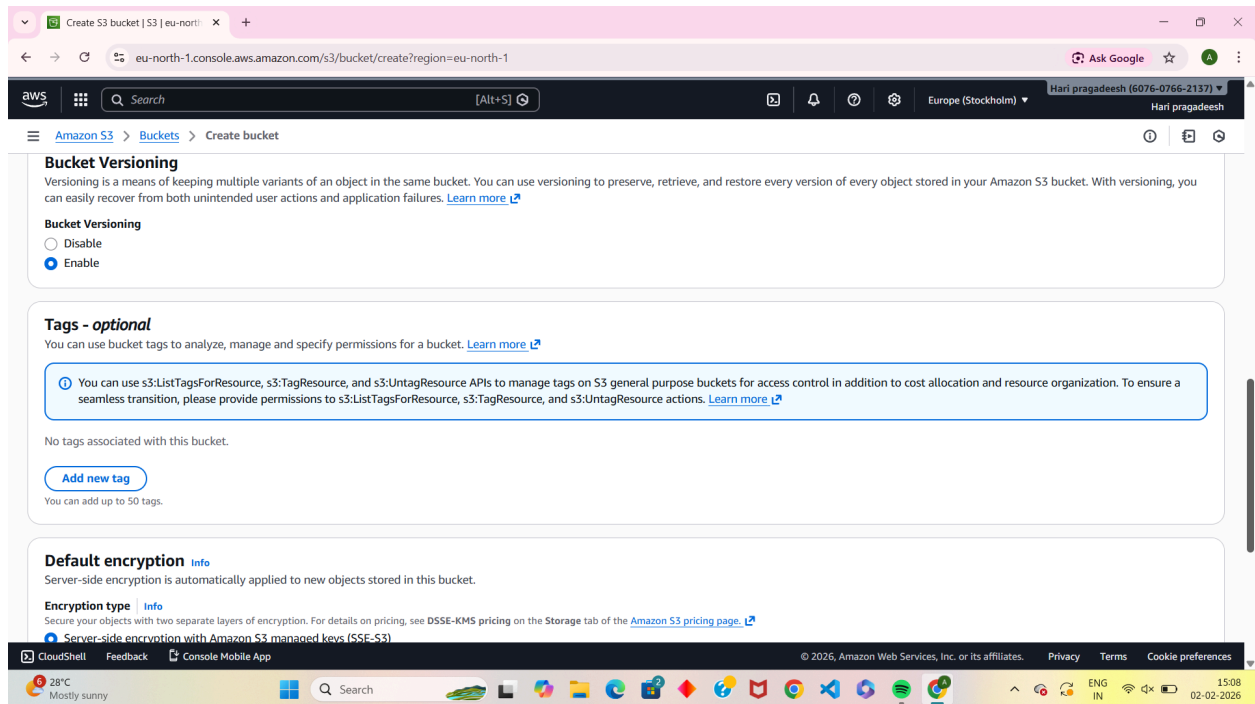
AWS region selected is **Europe (Stockholm) – eu-north-1**.

Bucket type selected is **General purpose** (recommended for most use cases).

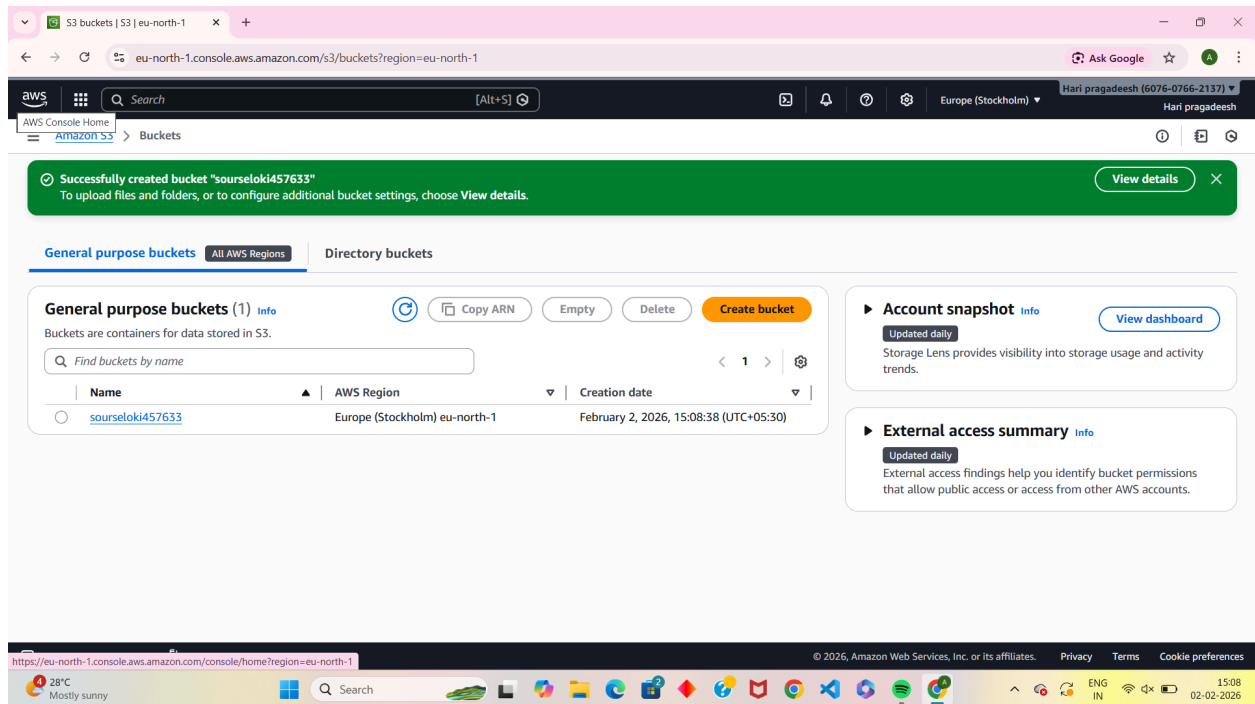
General purpose buckets support **multiple storage classes** and **high durability**.

Directory bucket option is shown but **not selected** (used for low-latency, single AZ use cases).

Bucket name entered is **sourceloki457633**.



- **Bucket Versioning is enabled.**
- Versioning keeps **multiple versions of the same object.**
- Helps recover files from **accidental delete or overwrite.**
- **Tags section** is shown (optional).
- Tags are used for **cost tracking and management.**
- No tags are added yet.



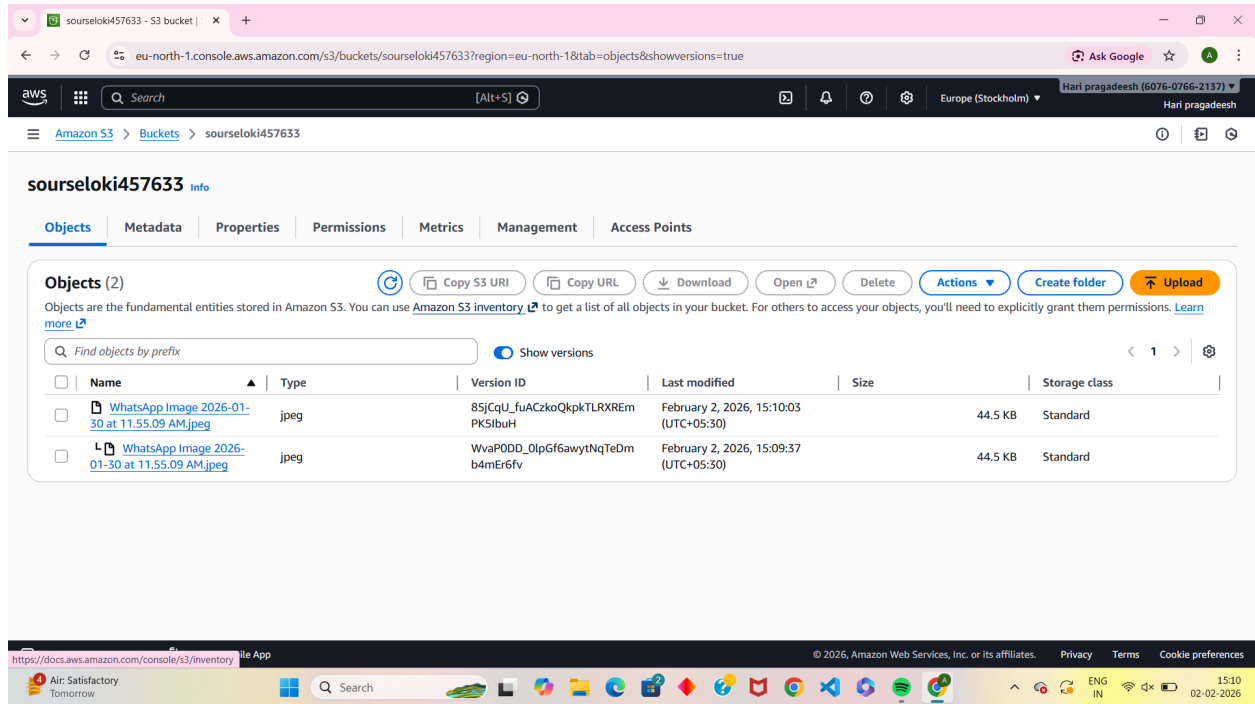
S3 bucket **source1oki457633** created successfully.

Bucket type is **General purpose**.

Region is **Europe (Stockholm) – eu-north-1**.

Creation date and time are displayed.

Options shown: **Copy ARN, Empty, Delete, Create bucket**.



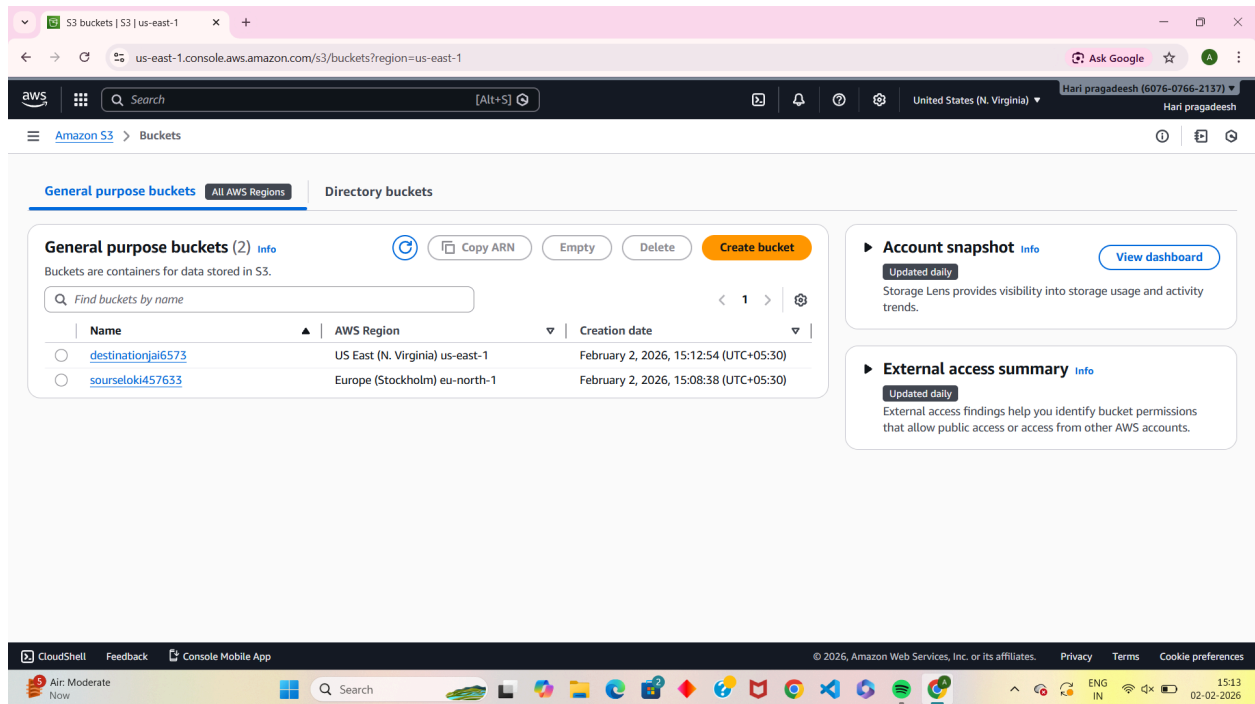
Inside bucket **sourceloki457633**.

2 objects (JPEG images) are stored.

Versioning is enabled (multiple versions visible).

Each object has a **Version ID**.

Storage class is **Standard**.



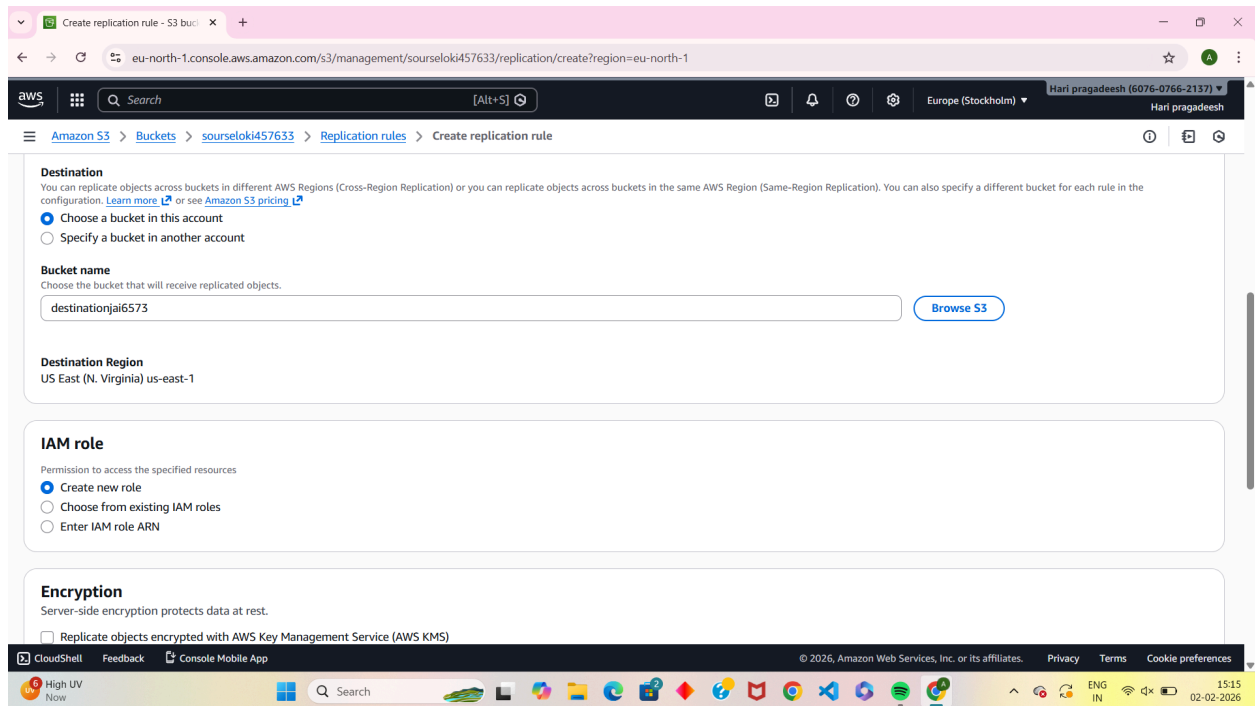
Two S3 buckets are listed.

`destinationjai6573` in **US East (N. Virginia)**.

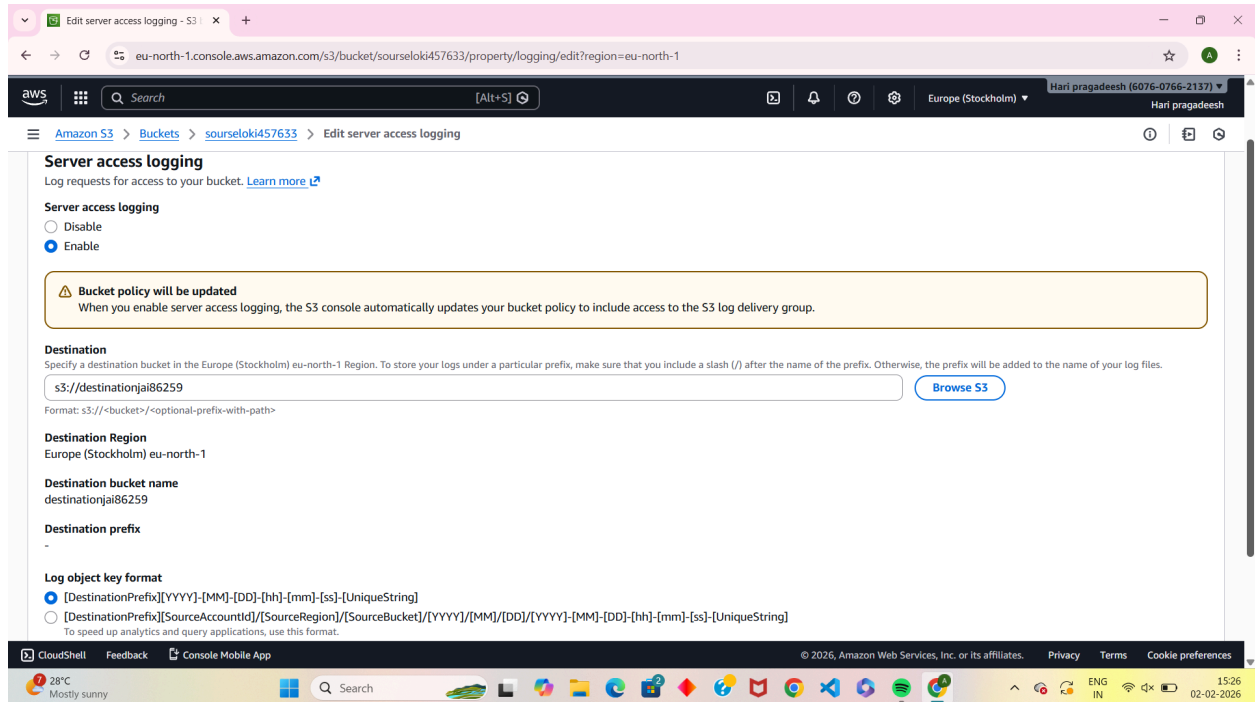
`sourseloki457633` in **Europe (Stockholm)**.

Shows that **buckets can exist in different regions**.

Used for **cross-region replication**.



- Destination bucket **destinationjai6573**.
- **1 object** is present.
- File is replicated from the source bucket.
- Confirms **replication is working**.
- Storage class is **Standard**.



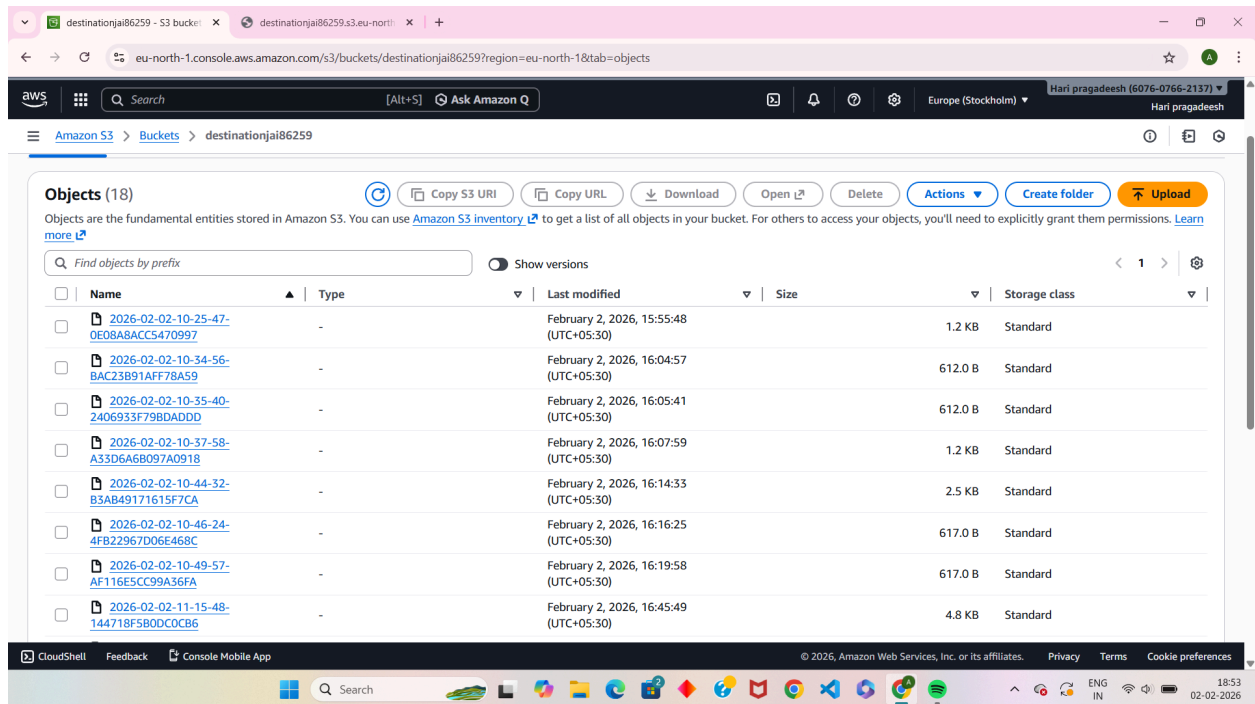
Server access logging is enabled.

Logs record **all requests made to the bucket.**

Logs are stored in another bucket (**destinationjai86259**).

AWS updates **bucket policy automatically.**

Used for **security auditing and monitoring**



Bucket name is **destinationjai86259**.

This bucket is used to **store server access logs**.

18 log objects are present in the bucket.

File names contain **date and time**, showing when requests occurred.