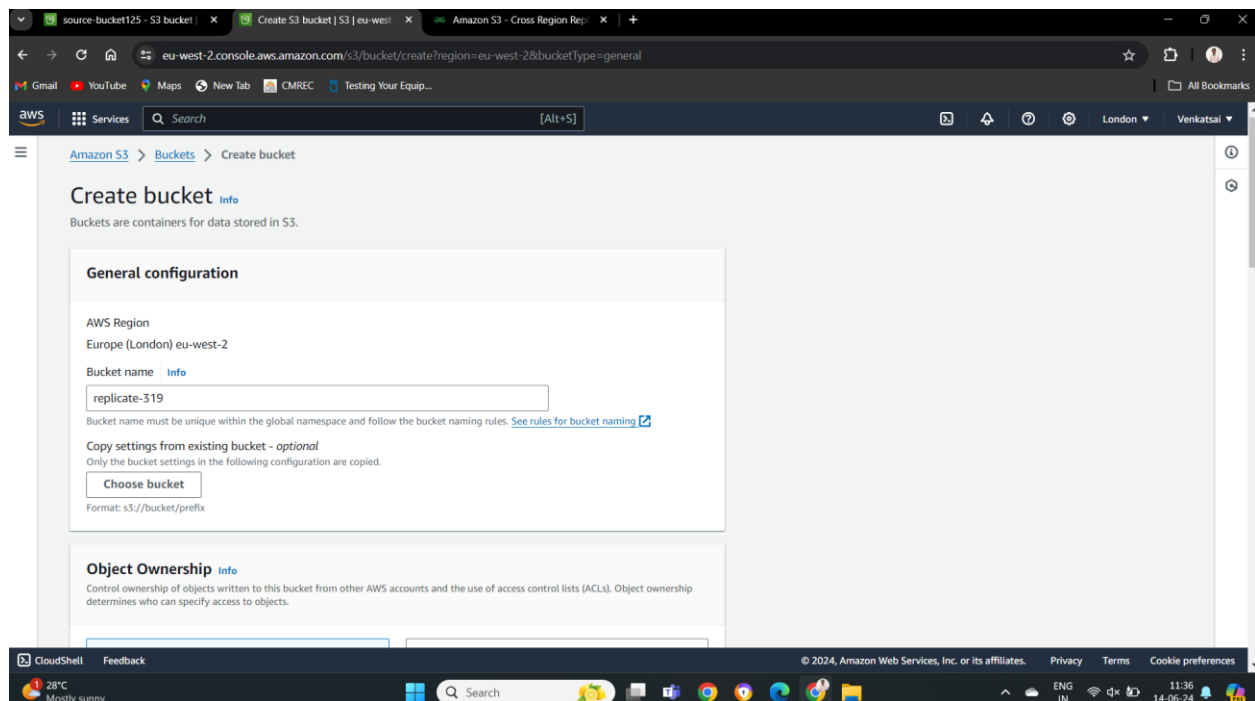# CROSS-REGION REPLICATION

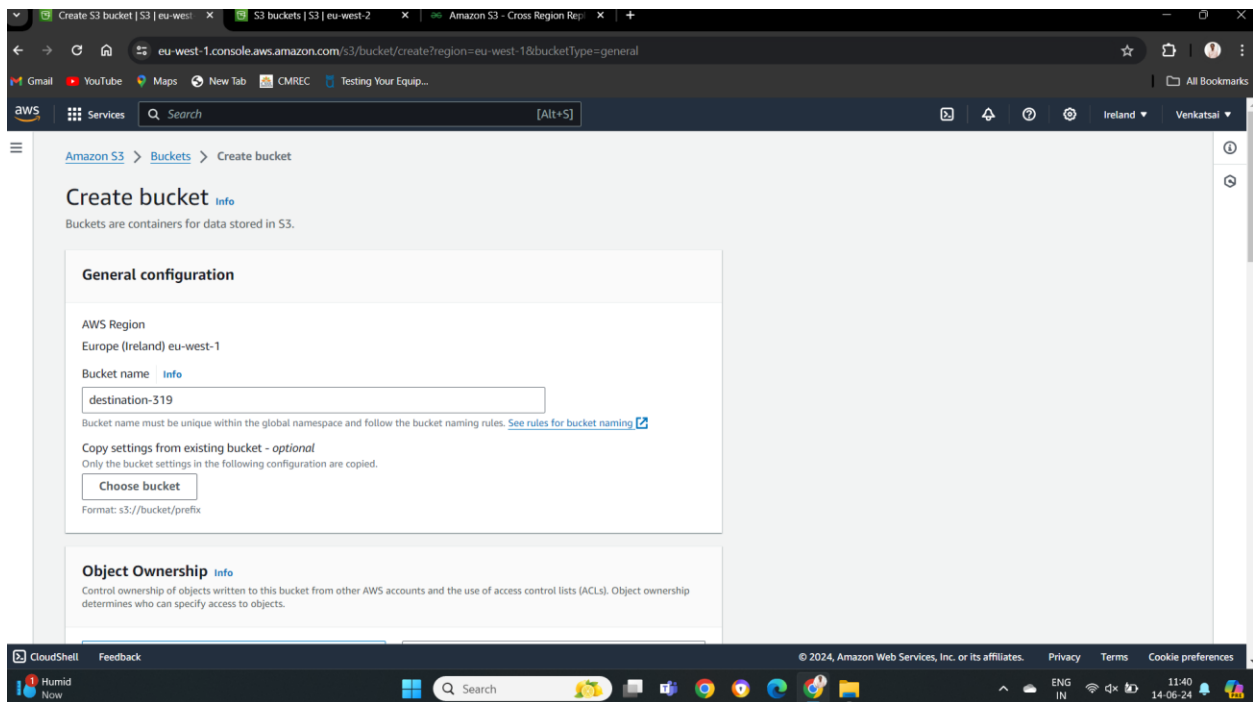P.VENKAT SAI

9701067480

BATCH 125(10 AM)

Cross-region replication is a process where we create two buckets in two different regions and consider one as source and one as destination. Now, we need to replicate the data from source bucket to destination region bucket without uploading in the destination bucket.
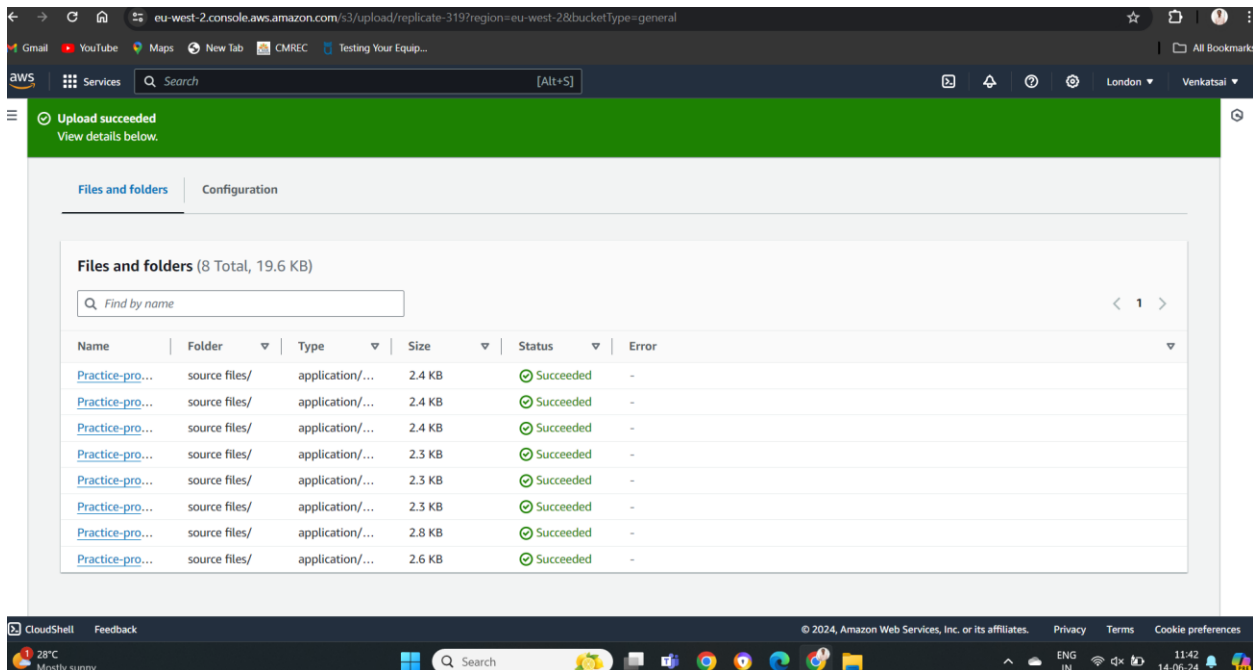
PROCESS OF CROSS-REGION REPLICATION

Step1 : We need to create a bucket in an availability zone (london) and name it as REPLICATE-319
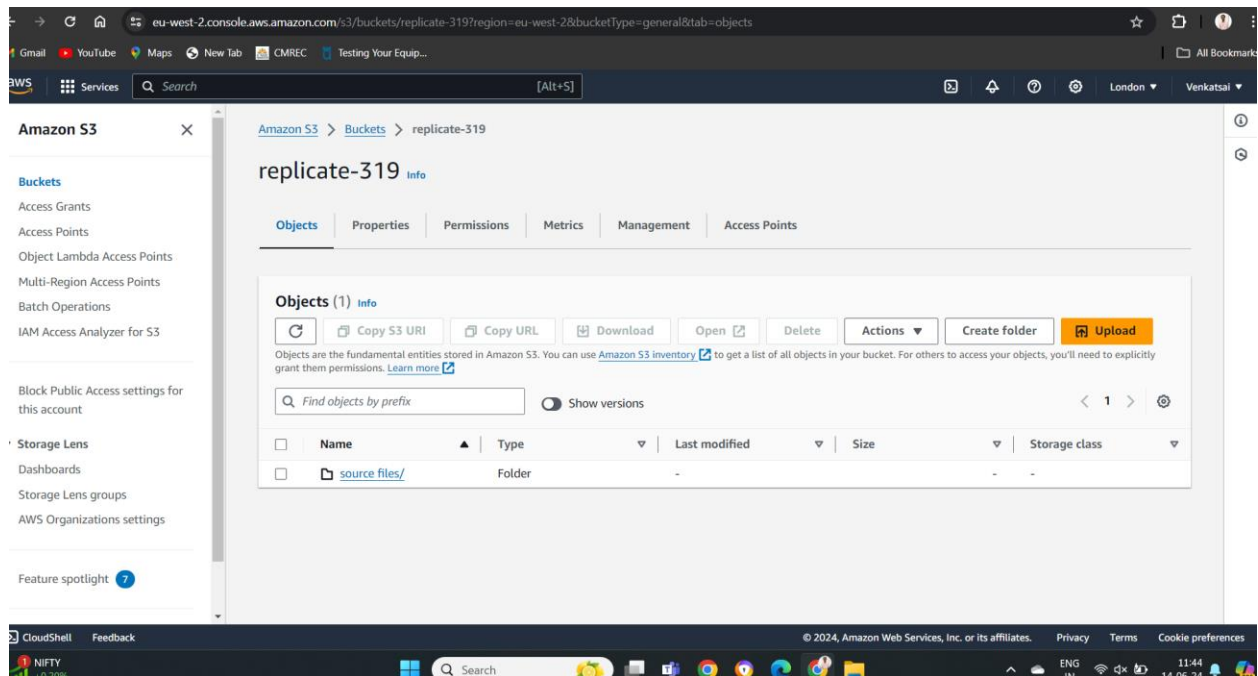

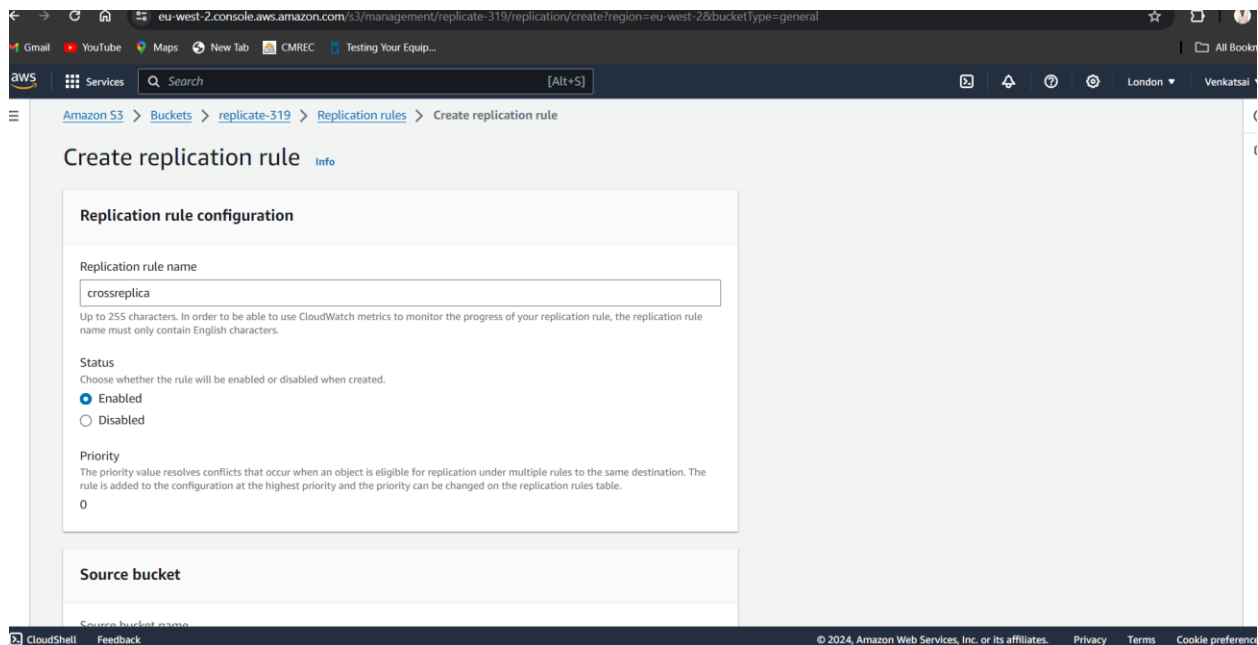**Step2 :** We need to create a bucket in other availability zone (ireland) and name it as DESTINATION-319

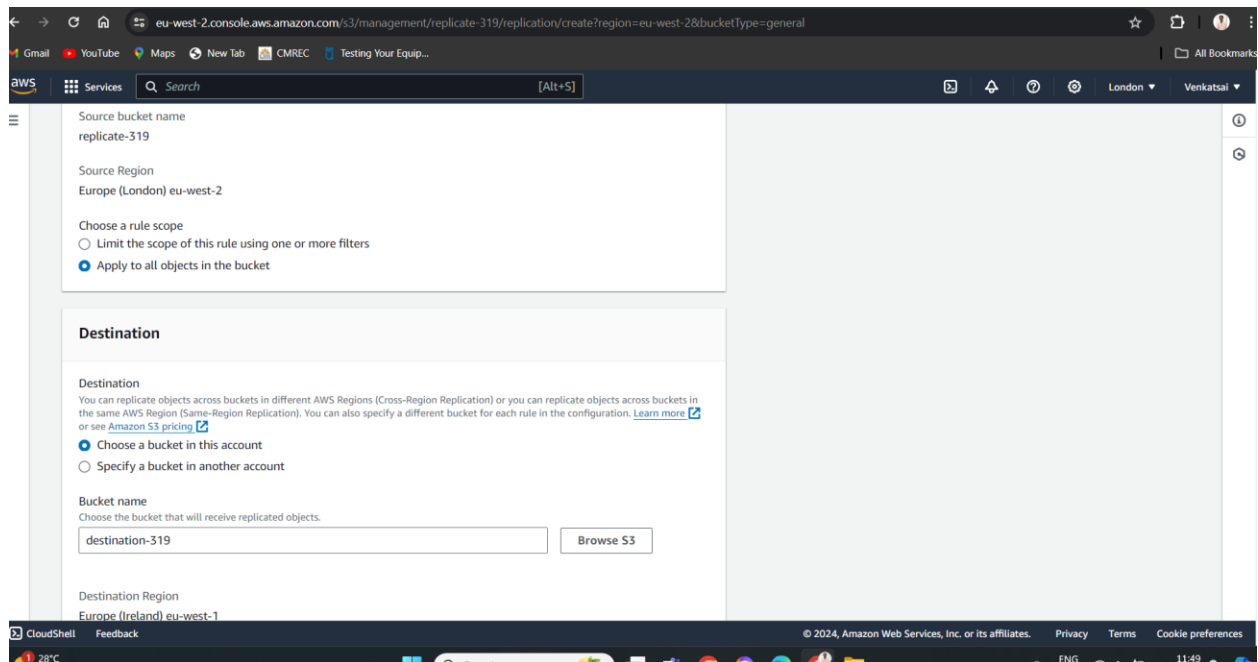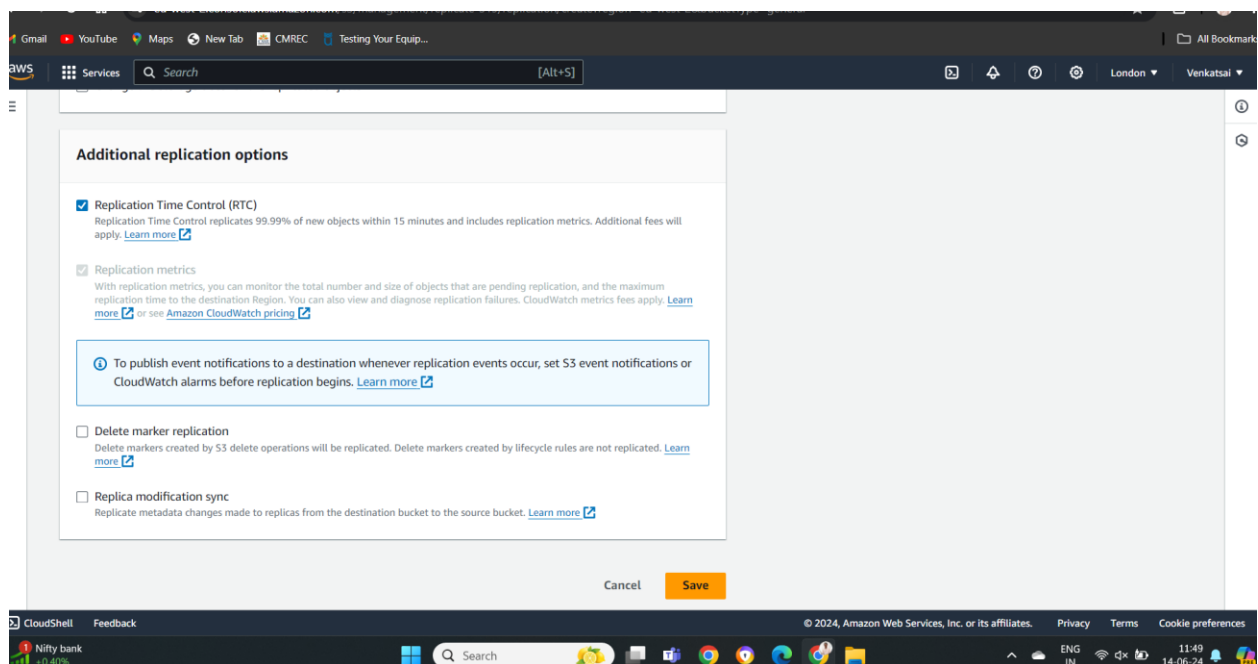**Step3 :** Now, upload a folder or files in the bucket REPLICATE-319

Step4 : Now, create a replication rule in the bucket REPLICATE-319 and name it as CROSSREPLICA and choose the destination bucket i.e DESTINATION-319
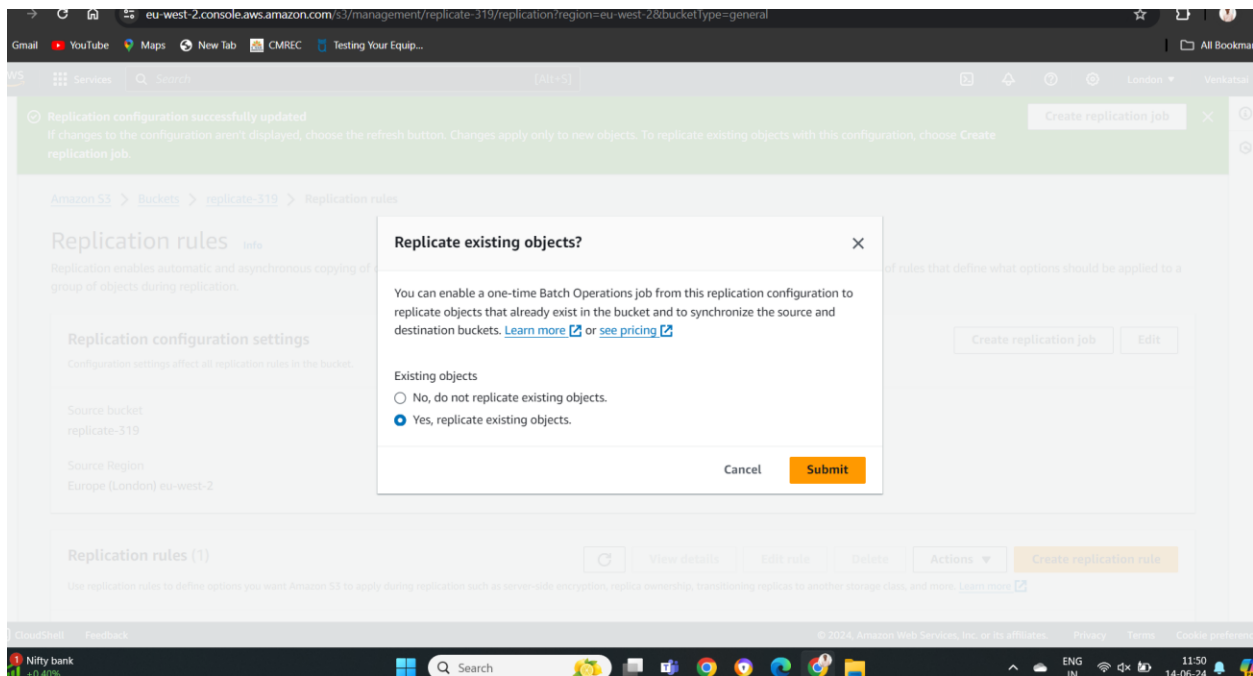

Choose destination bucket to which the files need to replicate
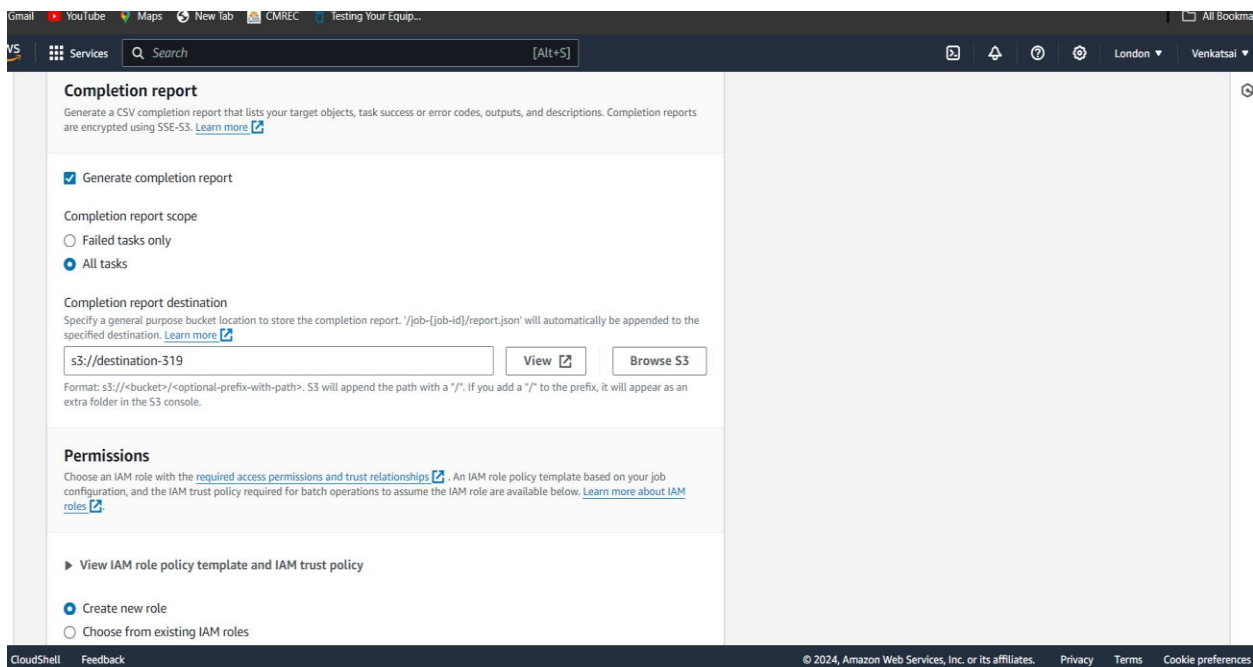
In additional replication options select REPLICATION TIME CONTROL (RTC)

Now, select replicate existing objects

STEP5 : In completion report destination select the destination file i.e DESTINATION-319

STEP6 : The files in the London region bucket will now replicate in the bucket in the Ireland region i.e DESTINATION-319

Amazon S3   ✕

Amazon S3 ❯ Buckets ❯ destination-319

Buckets

Access Grants

Access Points

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

Feature spotlight   7

destination-319 Info

| Objects | Properties | Permissions | Metrics | Management | Access Points |

Objects (2) Info

🔄   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 ↗

🔍 Find objects by prefix   ⬤ Show versions   ‹ 1 › ⚙

☐	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	📄 job-5d1ae839-915c-48b4-ad79-34f9b9ab54fc/	Folder	-	-	-
☐	📄 source files/	Folder	-	-	-