**Name:** Nnadiekwe David Chiderah

**Setting up s3 bucket**

– Create a S3 bucket in us-east-1 and upload objects in it. (Share screenshot)

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

– Enable versioning (Share screenshot)

A screenshot of a computer

Description automatically generated with medium confidence

A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated with medium confidence

***Bucket versioning is enabled***

– Create a lifecycle policy [for previous version only] that will change your storage class **from Standard to Standard-IA after 30**, then **from Standard-IA to Glacier after 90**. (Share screenshot)

**A screenshot of a computer

Description automatically generated**

– Replicate the bucket to a different region in the same account (us-west-1) (Share screenshot)

***I created a destination bucket named “replication-bucket-david-2023”***

**A screenshot of a computer

Description automatically generated**

**Source-to-destination replication: us-east1-us-west1**

**A screenshot of a computer

Description automatically generated**

**Destination-to-source replication: us-west1-us-east1**

**A screenshot of a computer

Description automatically generated**

**Testing replication:**

* **I uploaded a file to the Source bucket; David-bucket-2023**

**A screenshot of a computer

Description automatically generated**

I then checked the destination (replication-bucket-david-2023) bucket to confirm replication.

A screenshot of a computer

Description automatically generated with medium confidence

The document, “sensitivity analysis.docx” replicated.

* I also tested the destination to source replication (us-west1-us-east1) by uploading a document to the destination (replication-bucket-2023) bucket.

A screenshot of a computer

Description automatically generated

Then I checked the source bucket (David-bucket-2023) for replication.

A screenshot of a computer

Description automatically generated

**Result:** The s3 bucket replication was successful