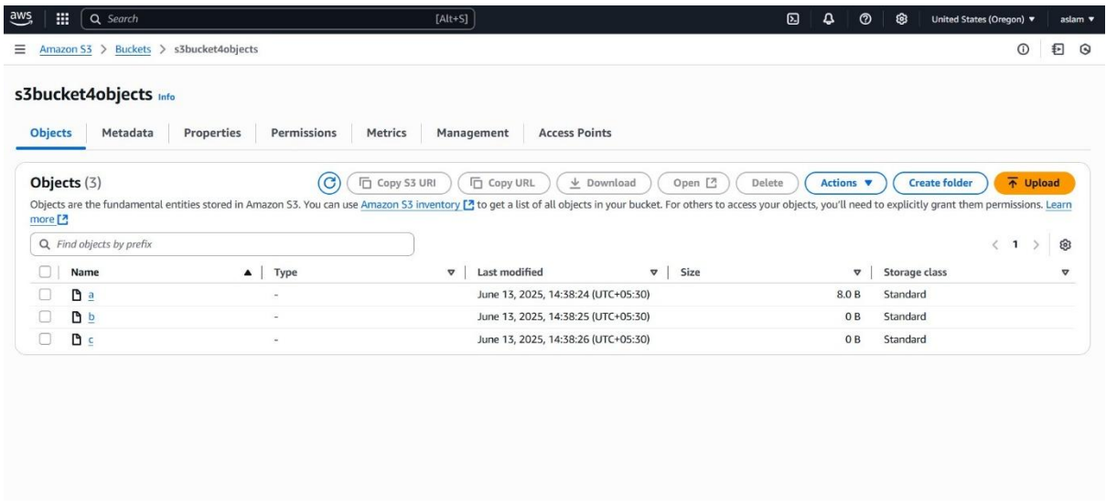
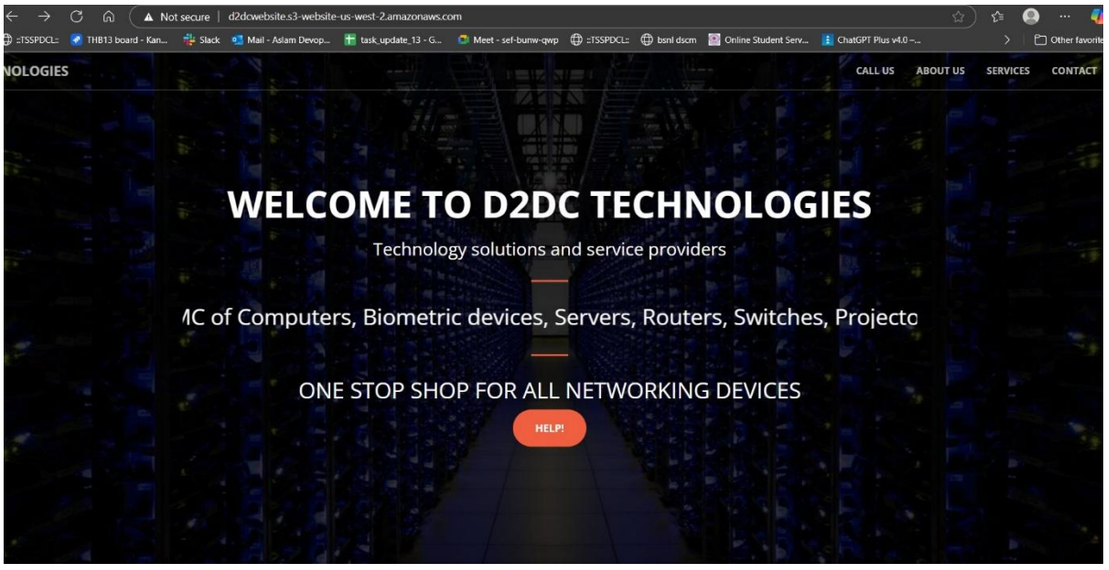
1) Create s3 bucket and upload some objects to s3.

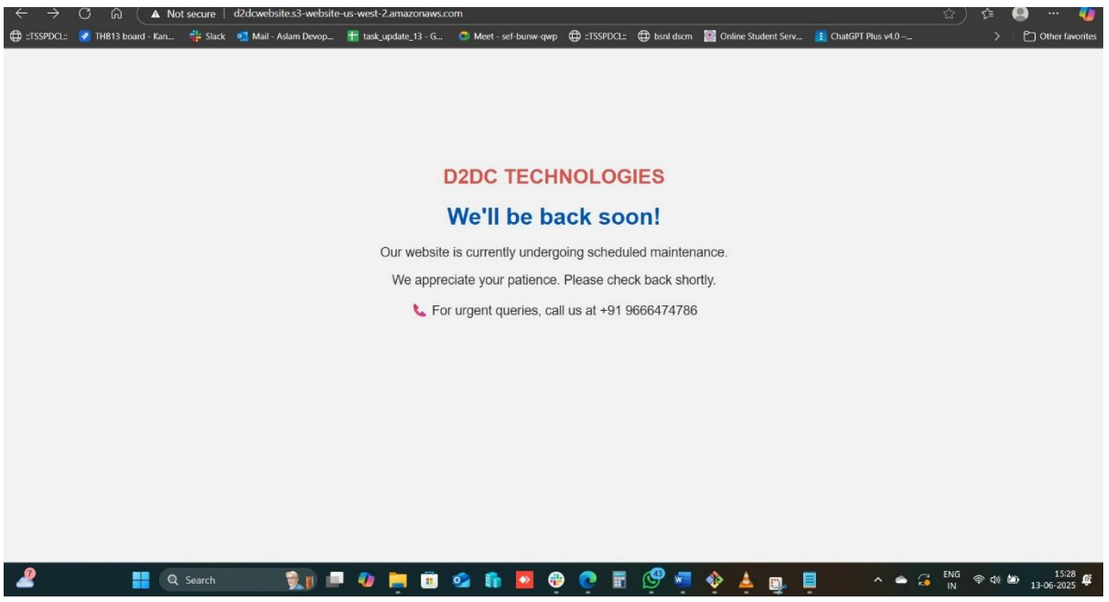


2) Deploy static website in s3 bucket.

Configured one website using online template available



Configured error page also

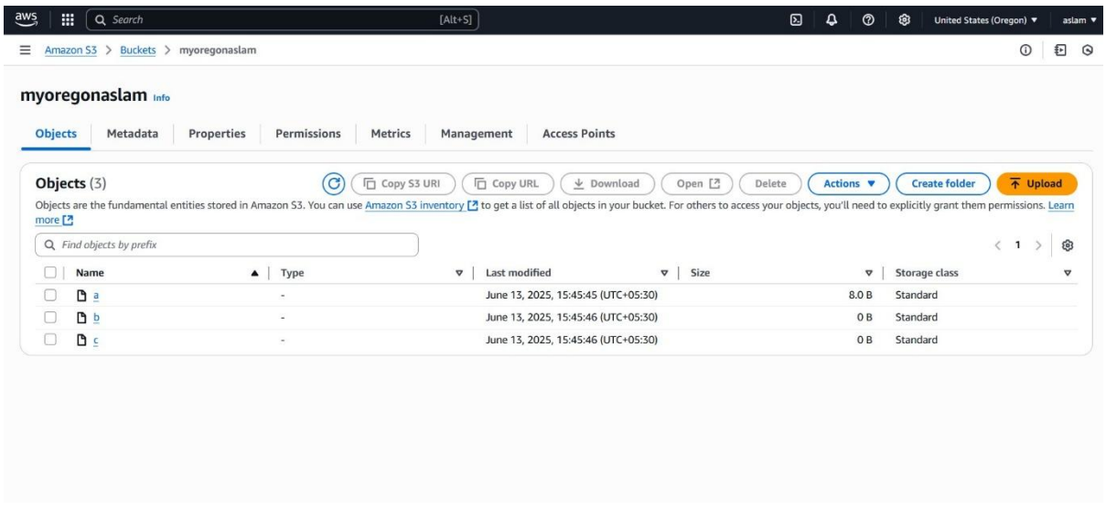


Link for verification

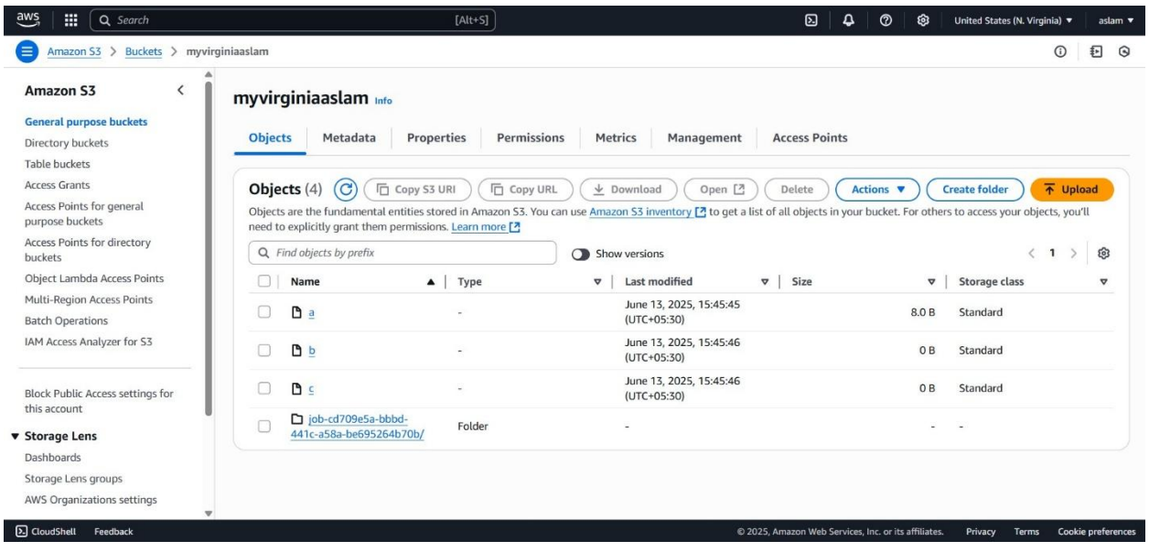
http://d2dcwebsite.s3-website-us-west-2.amazonaws.com

3) Enable cross region replication on s3 buckets.

Created a bucket in oregon

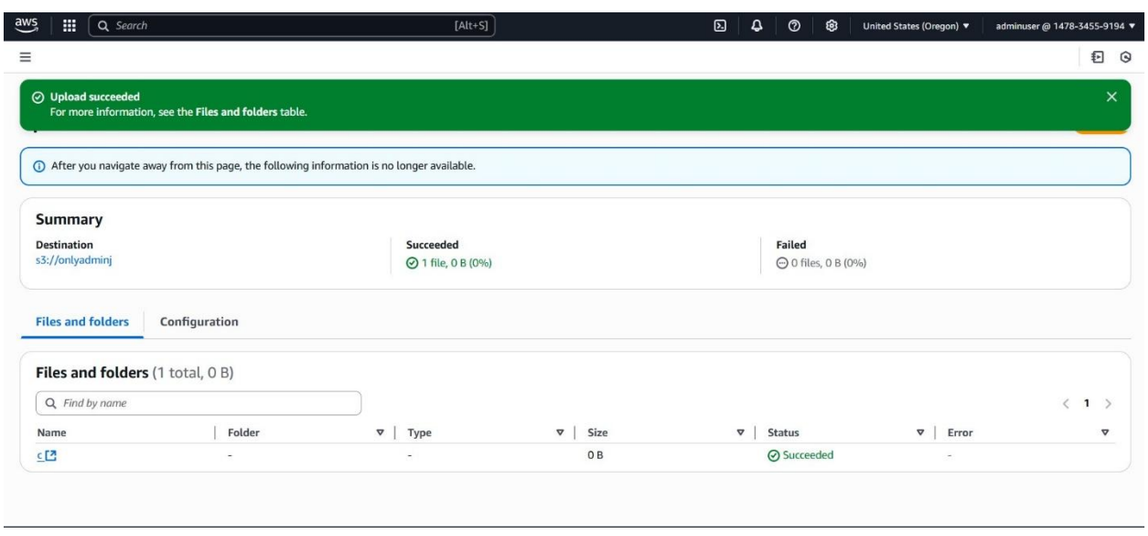


Replicated all items in bucket created in virginia

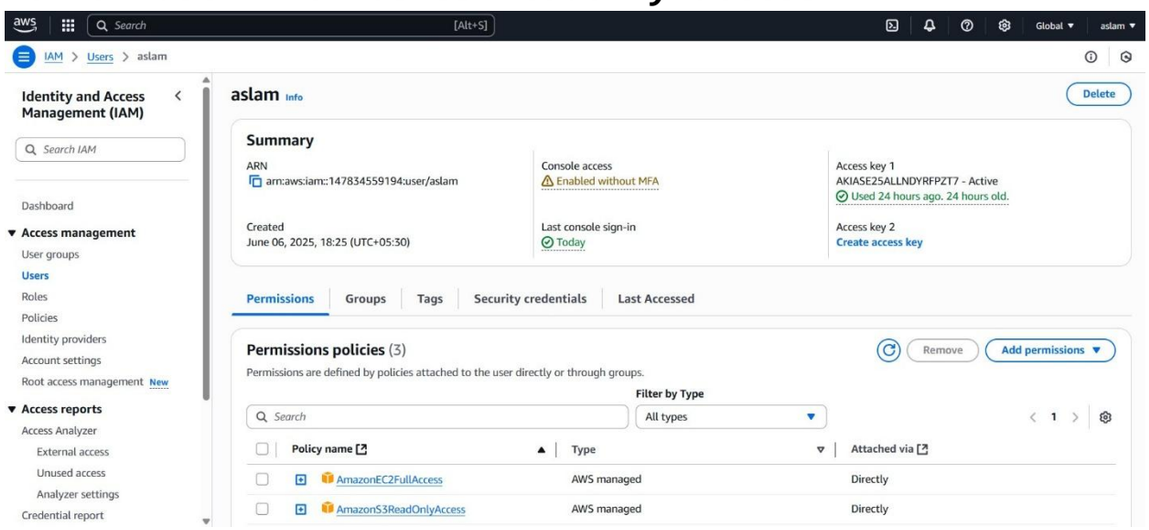


4) Configure bucket policy,only Admin user can see the objects of s3 bucket.

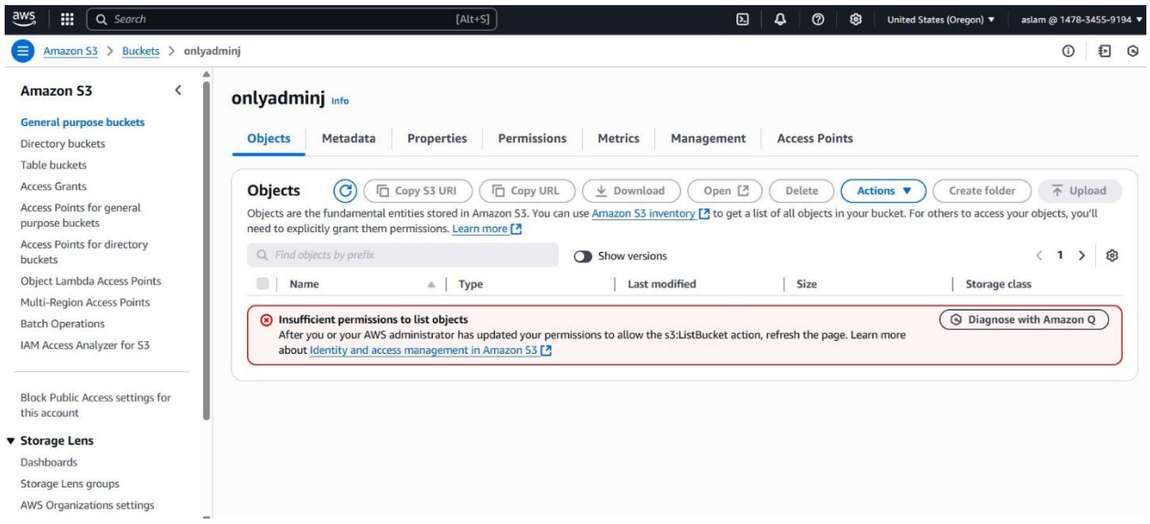
Only Admin user is able to access and see bucket



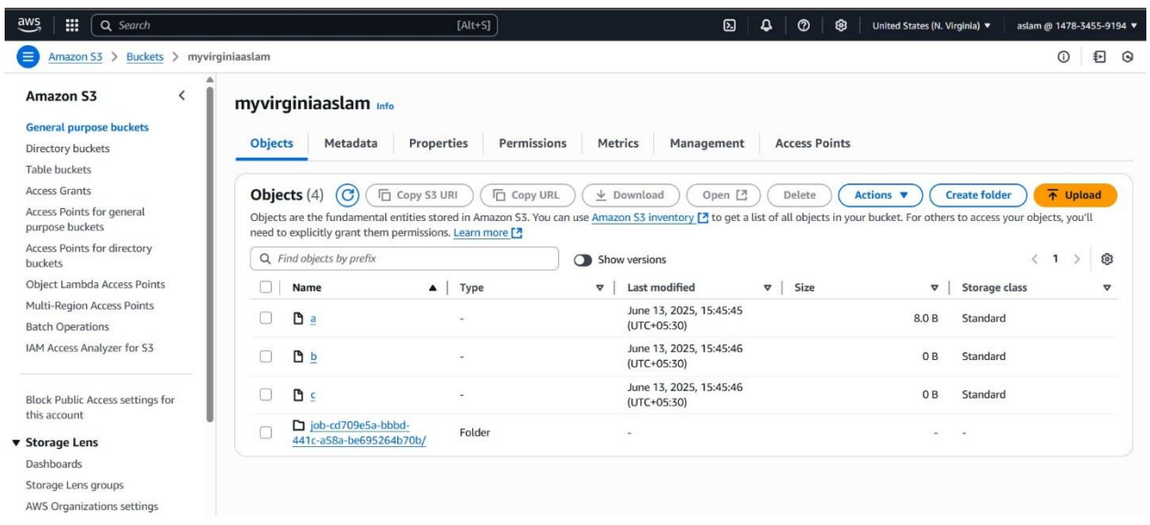
Normal user who has s3 readonly access



Unable to see the files inside restricted bucket



Same user is able to see other buckets



5) Setup lifecycle policies to automatically transition or delete objects based on specific criteria.

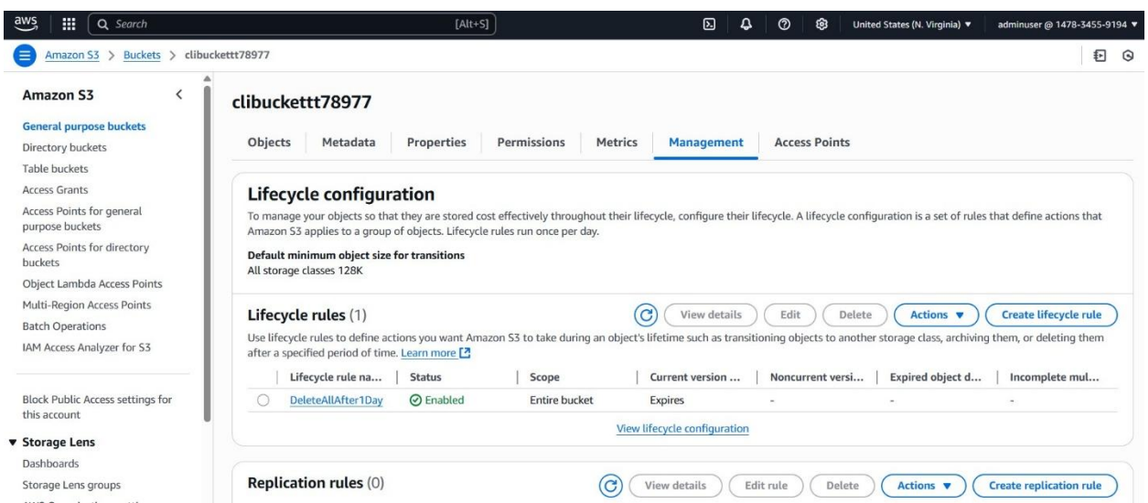
Policy created

```
masla@Hplaptop MINGW64 /e
$ vi lifecycle-policy.json

masla@Hplaptop MINGW64 /e
$ aws s3api put-bucket-lifecycle-configuration \
  --bucket clibuckettt78977 \
  --lifecycle-configuration file://lifecycle-policy.json
{
    "TransitionDefaultMinimumObjectSize": "all_storage_classes_128K"
}


masla@Hplaptop MINGW64 /e
$
```

Verified using cli

```
masla@Hplaptop MINGW64 /e
$ aws s3api get-bucket-lifecycle-configuration \
  --bucket clibuckettt78977
{
    "TransitionDefaultMinimumObjectSize": "all_storage_classes_128K",
    "Rules": [
        {
            "Expiration": {
                "Days": 1
            },
            "ID": "DeleteAllAfter1Day",
            "Filter": {
                "Prefix": ""
            },
            "Status": "Enabled"
        }
    ]
}


masla@Hplaptop MINGW64 /e
$
```

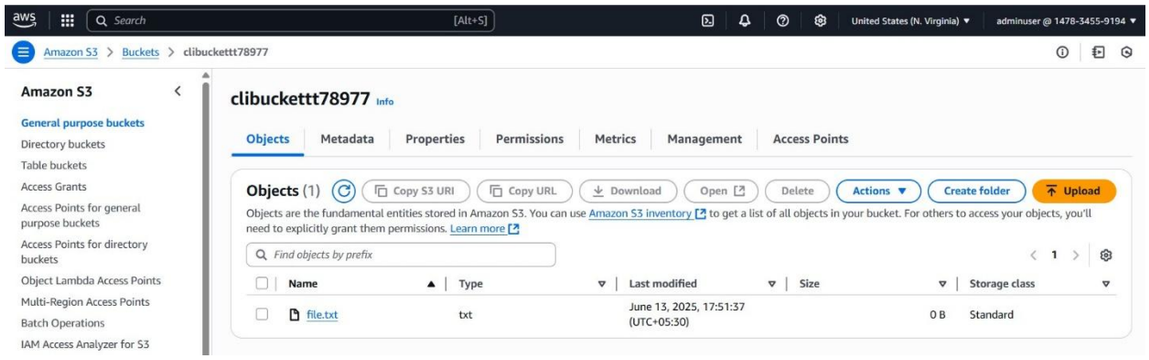
Verified using gui



6) Push some objects in s3 using AWS CLI.

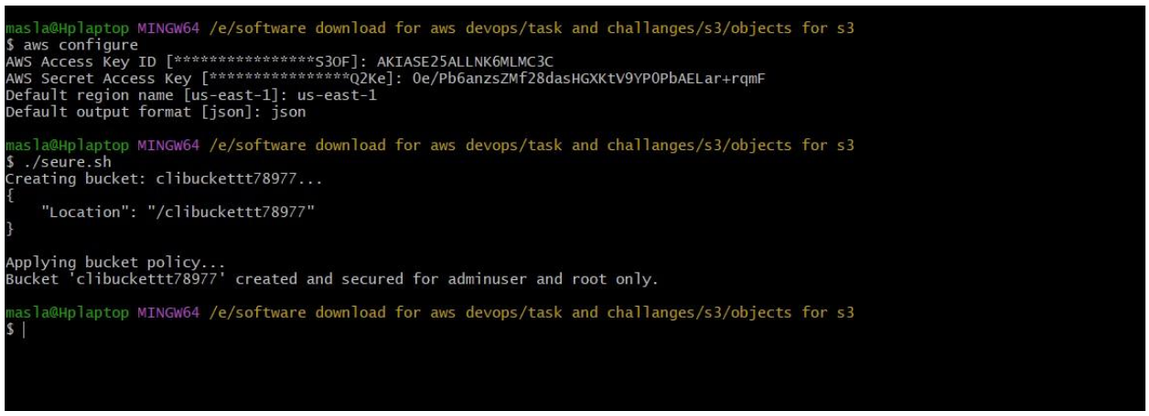
Pushed file.txt using cli

File.txt received in bucket

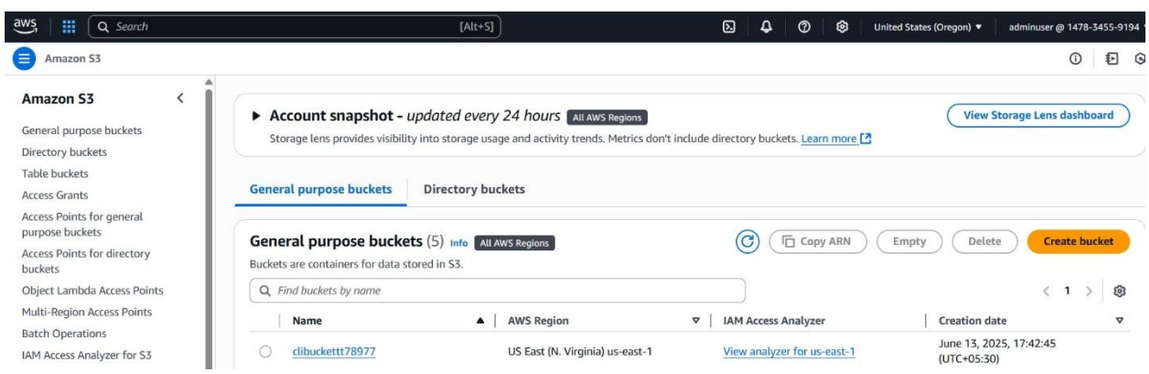


7) Write a bash script to create s3 bucket.

Written a bash script and created a bucket



verification



8) Upload one 1 gb of file to s3 using cli.

Uploading using this command

```
masla@Hplaptop MINGW64 /e
$ aws s3 cp "E:\onegbfile.zip" s3://clibuckettt78977/
upload: .\onegbfile.zip to s3://clibuckettt78977/onegbfile.zip

masla@Hplaptop MINGW64 /e
$
```

Uploading completed