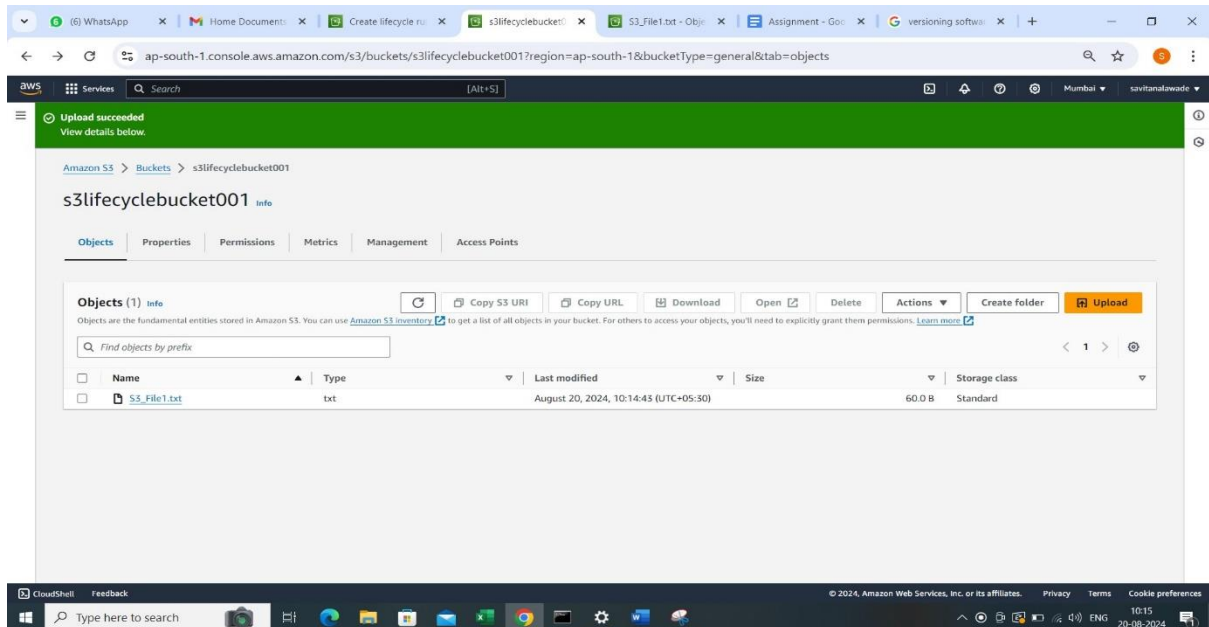


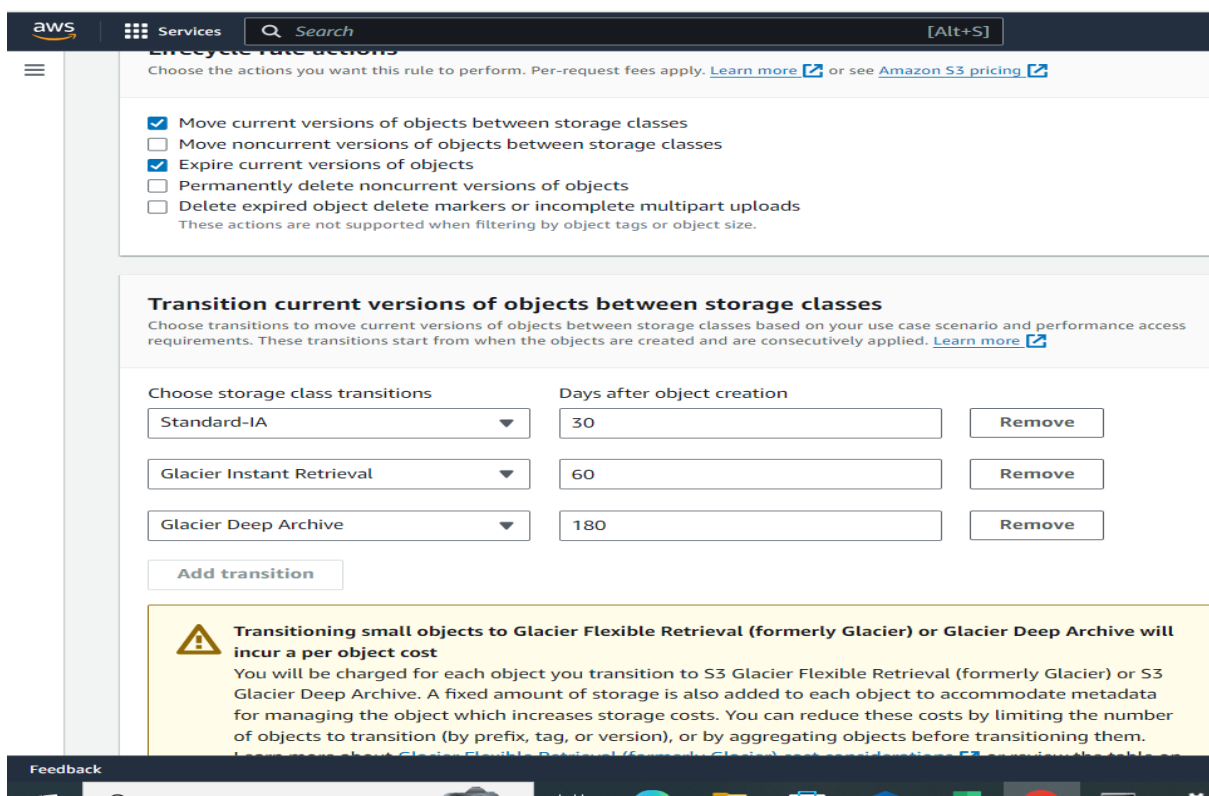
S3 practical 20\08\2024

1.AWS S3 lifecycle:

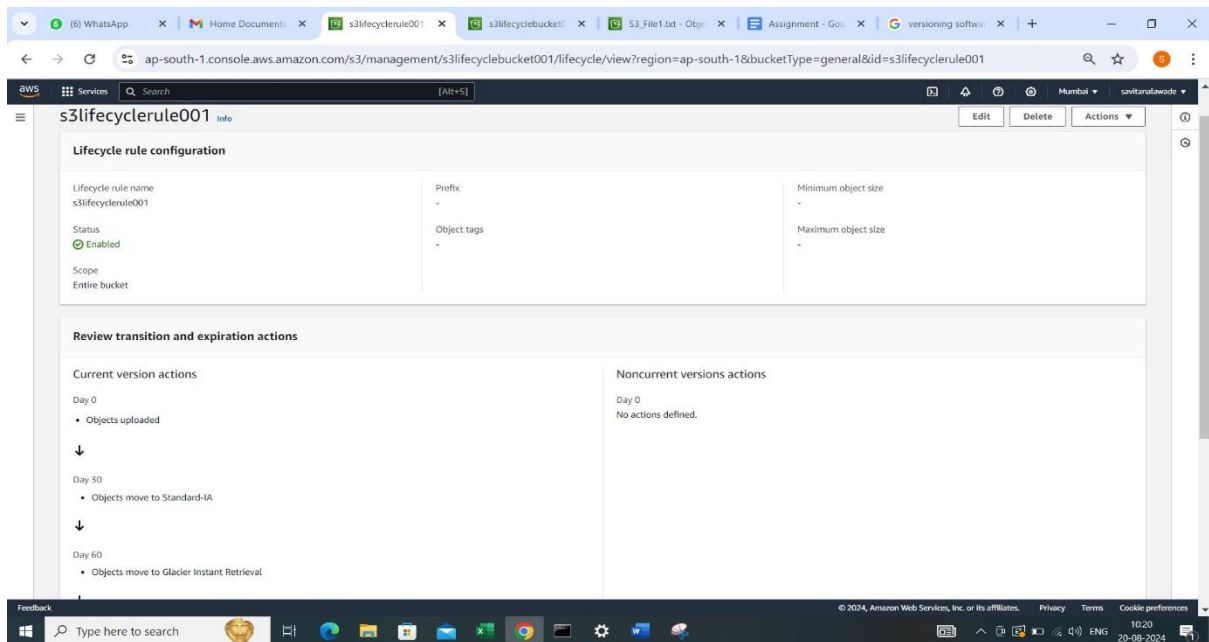
a.Created public bucket and added object in that bucket & make it public



b.Creating rule and apply s3 life cycle policy to bucket

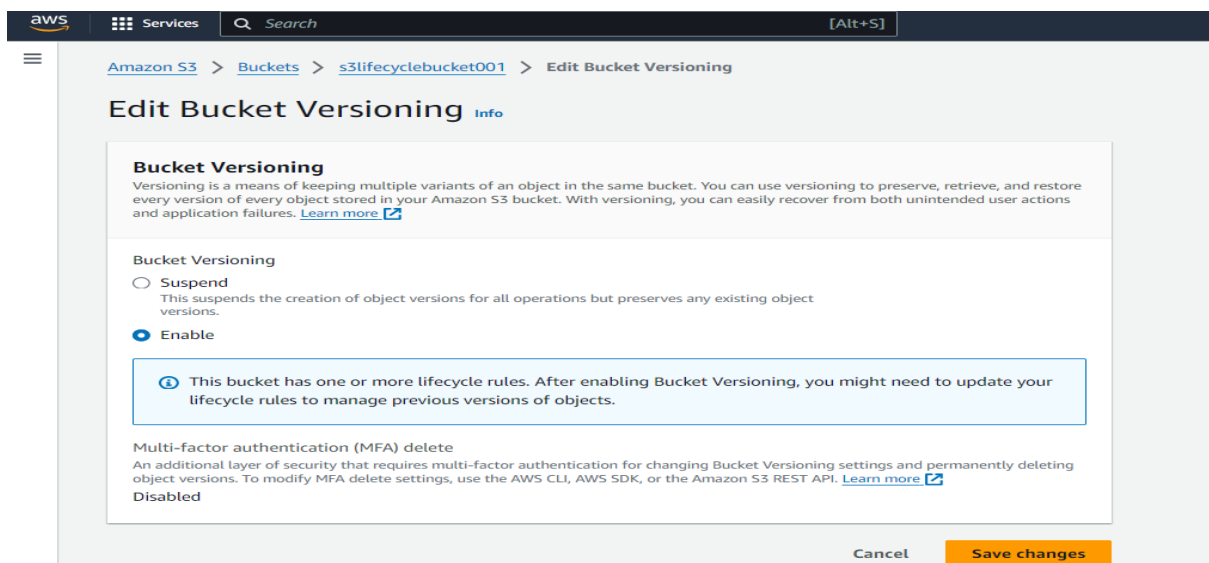


c.S3 life cycle configuration

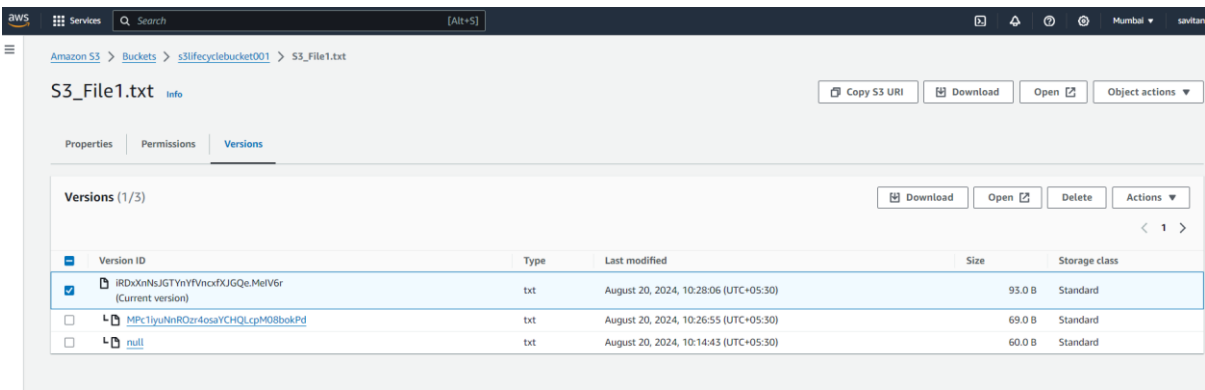


2.S3 versioning

a. enable s3 versioning of bucket



b.After uploading files below are the version rule created



c.below is the latest file output.

← → ↺ 🔍 s3lifecyclebucket001.s3.ap-south-1.amazonaws.com/S3_File1.txt?versionId=irDxXnNsJGTyYfVncxfXJGQe.MelV6r&resp

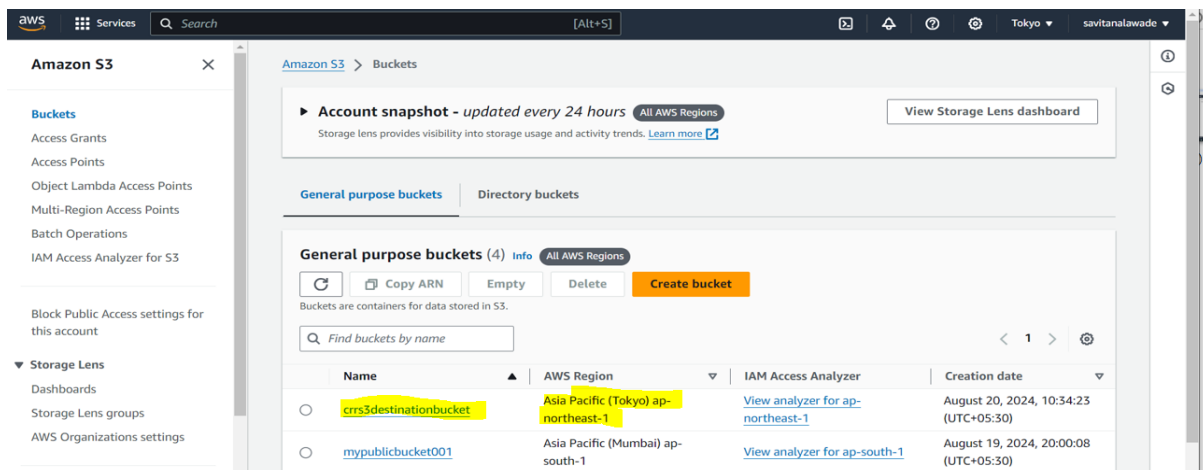
Hi Team,

This is object of bucket..

s3 life cycle
versioning
Cross region replication

3)Cross region replication

a: created one more bucket in other region



b: added destination bucket

Source bucket

Source bucket name
s3lifecyclebucket001

Source Region
Asia Pacific (Mumbai) ap-south-1

Choose a rule scope

☐ Limit the scope of this rule using one or more filters

☒ Apply to all objects in the bucket

Destination

Destination
You can replicate objects across buckets in different AWS Regions (Cross-Region Replication) or you can replicate objects across buckets in the same AWS Region (Same-Region Replication). You can also specify a different bucket for each rule in the configuration. [Learn more](#)

☒ Choose a bucket in this account

☐ Specify a bucket in another account

Bucket name
Choose the bucket that will receive replicated objects.

crs3destinationbucket [Browse S3](#)

Object versioning enabled
This bucket now has object versioning enabled. If you need to suspend versioning you can do so in [Bucket properties](#) and you will no longer be able to use it as a destination bucket for this rule.

c: after new file uploading have to go in destination bucket

Replicate existing objects?

You can enable a one-time Batch Operations job from this replication configuration to replicate objects that already exist in the bucket and to synchronize the source and destination buckets. [Learn more](#) or [see pricing](#)

Existing objects

☒ No, do not replicate existing objects.

☐ Yes, replicate existing objects.

[Cancel](#) [Submit](#)

d: replication rule configured

Replication configuration successfully updated
If changes to the configuration aren't displayed, choose the refresh button. Changes apply only to new objects. To replicate existing objects with this configuration, choose **Create replication job**.

Replication rules

Replication enables automatic and asynchronous copying of objects across buckets in the same or different AWS Regions. A replication configuration is a set of rules that define what options should be applied to a group of objects during replication.

Replication configuration settings

Configuration settings affect all replication rules in the bucket.

Source bucket
s3lifecyclebucket001

Source Region
Asia Pacific (Mumbai) ap-south-1

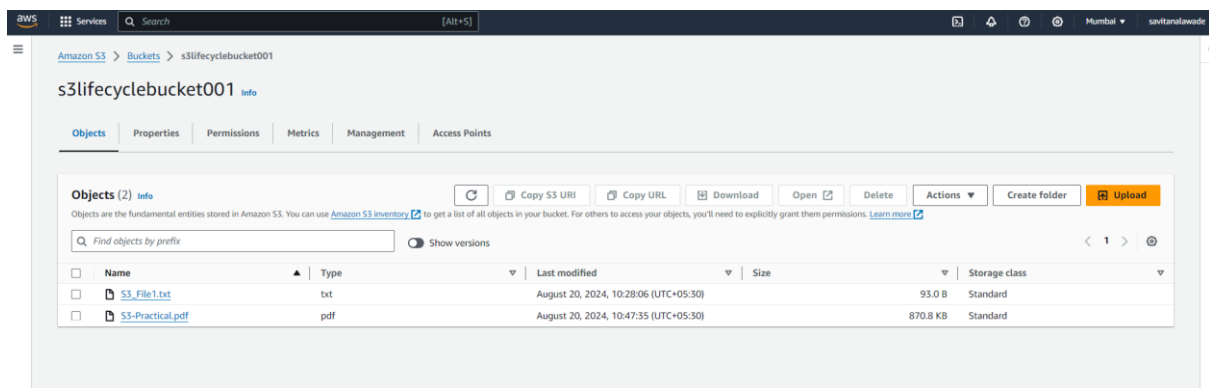
[IAM role](#)
s3rr_role_for_s3lifecyclebucket001

Replication rules (1)

Use replication rules to define options you want Amazon S3 to apply during replication such as server-side encryption, replica ownership, transitioning replicas to another storage class, and more. [Learn more](#)

Replication rule name	Status	Destination bucket	Destination Region	Priority	Scope	Storage class	Replica owner	Replication Time Control	KMS-encrypted objects (SSE-KMS or DSSE-KMS)	Replica modification sync
s3replicationrule	Enabled	s3/crs3destinationbucket	Asia Pacific (Tokyo) ap-northeast-1	0	Entire bucket	Same as source	Same as source	Disabled	Do not replicate	Disabled

e. uploaded new document (s3.practical.pdf) in source bucket



f: We can see it visible in destination bucket

