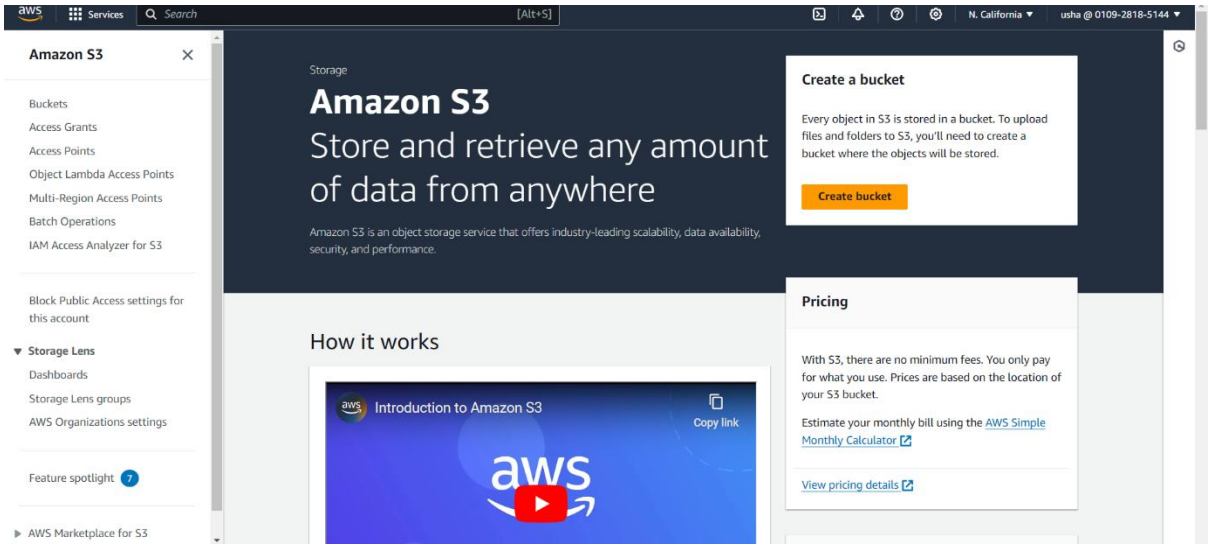
AMAZON S3 – LIFE CYCLE MANAGEMENT

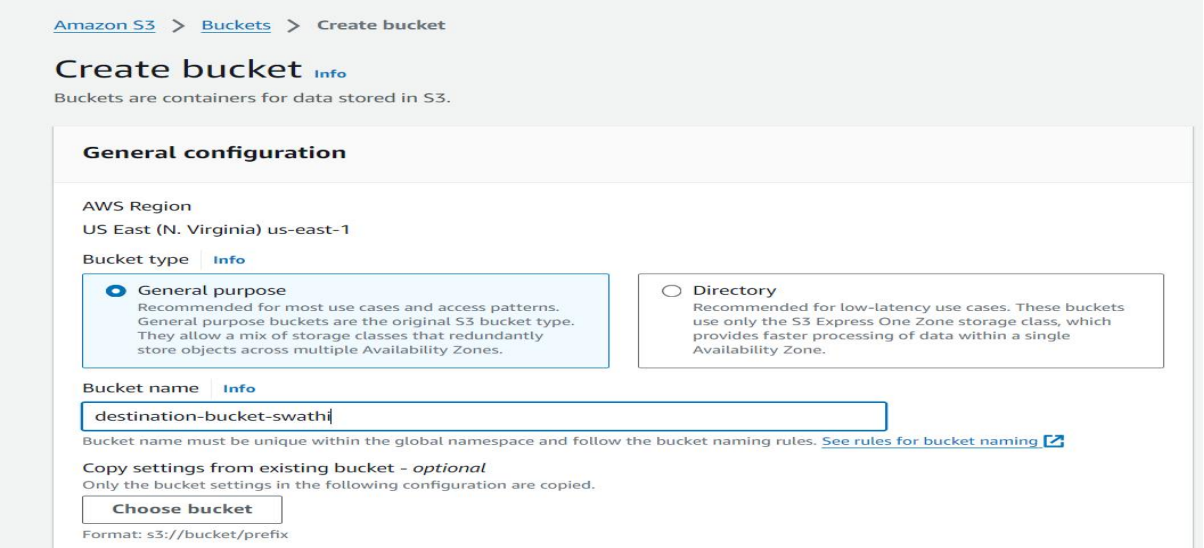
➢ What is Life Cycle Management?

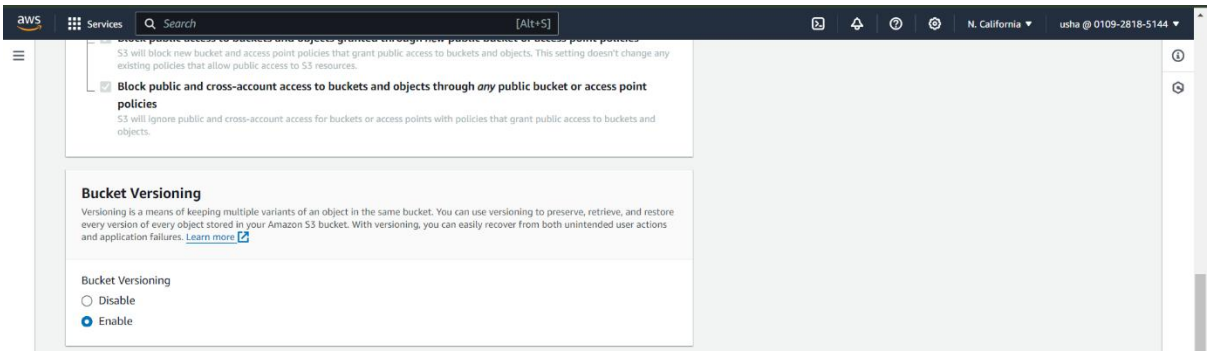
Lifecycle Management is used so that objects are stored cost-effectively throughout their lifecycle. A lifecycle configuration is a set of rules that define the actions applied by S3 to a group of objects.

➢ Setting up life cycle management:

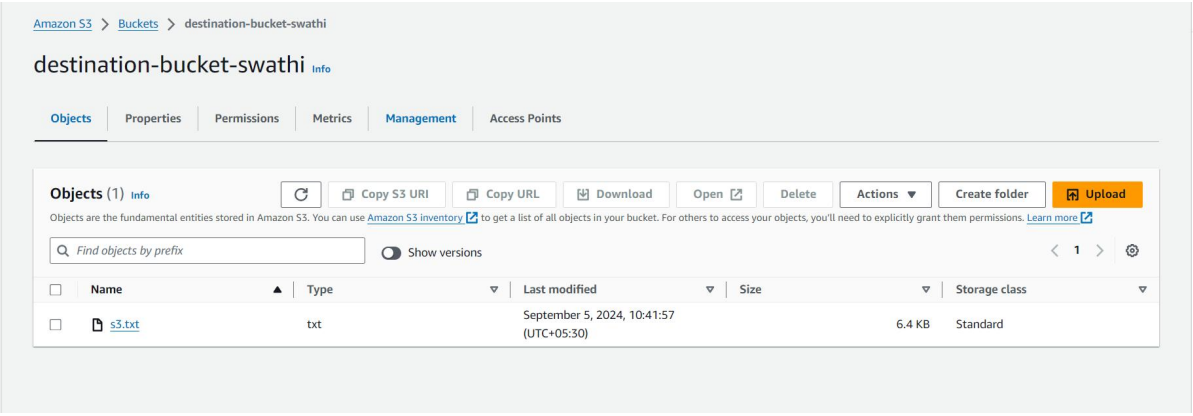
- Go to the **S3 console** – click on **buckets** & then click on create bucket.
- Give name to the bucket: destination-bucket-swathi.
- "**ENABLE VERSIONING**" is mandatory and then click on create.
- For better understanding look at the below snapshots.



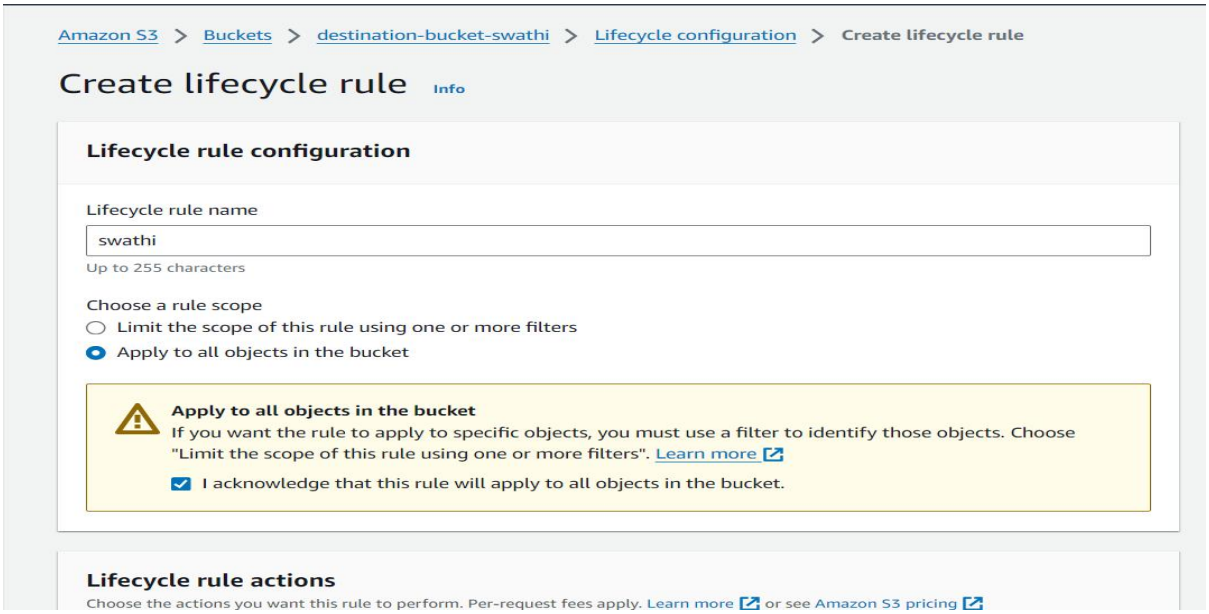




- Bucket created successfully.
- Click on the created bucket: destination-bucket-swathi.
- Upload the file/images.



- Now click on the **management** – click on **life cycle configuration** and then create **life cycle rule**.
- Follow the steps mentioned in below snapshots.



5. The below table shows about the transition versions of objects between storage classes:

Storage class transition	Days after object creation
Standard - IA	30
Intelligent-tiering	60
One zone IA	90
Glacier	180
Glacier deep archive	250

Lifecycle rule actions

Choose the actions you want this rule to perform. Per-request fees apply. Learn more or see Amazon S3 pricing

- [x] Move current versions of objects between storage classes
- [ ] Move noncurrent versions of objects between storage classes
- [ ] Expire current versions of objects
- [ ] Permanently delete noncurrent versions of objects
- [ ] Delete expired object delete markers or incomplete multipart uploads

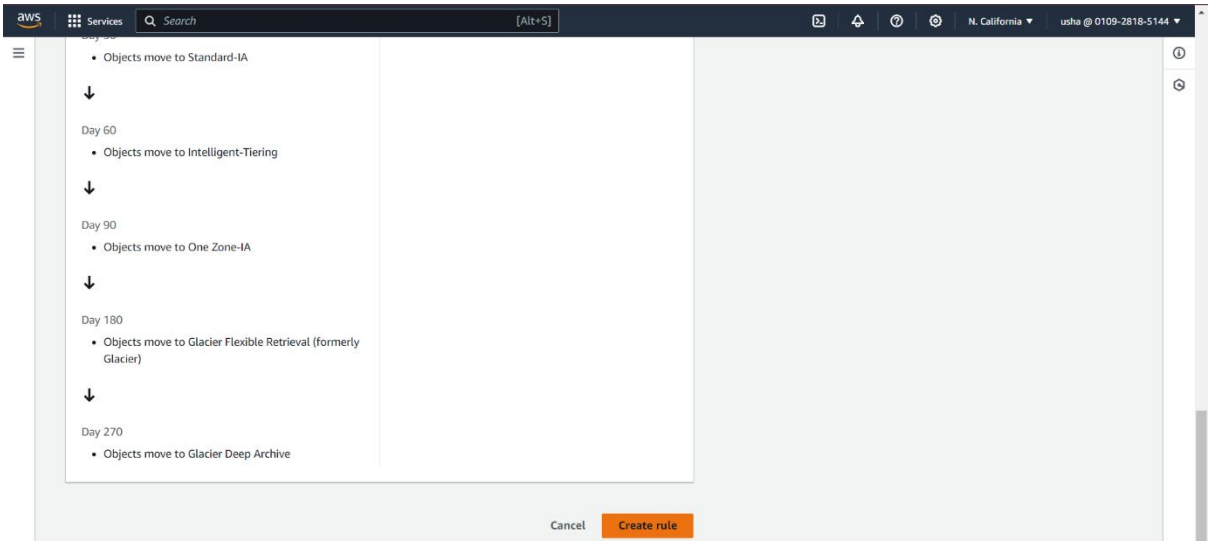
These actions are not supported when filtering by object tags or object size.

Transition current versions of objects between storage classes

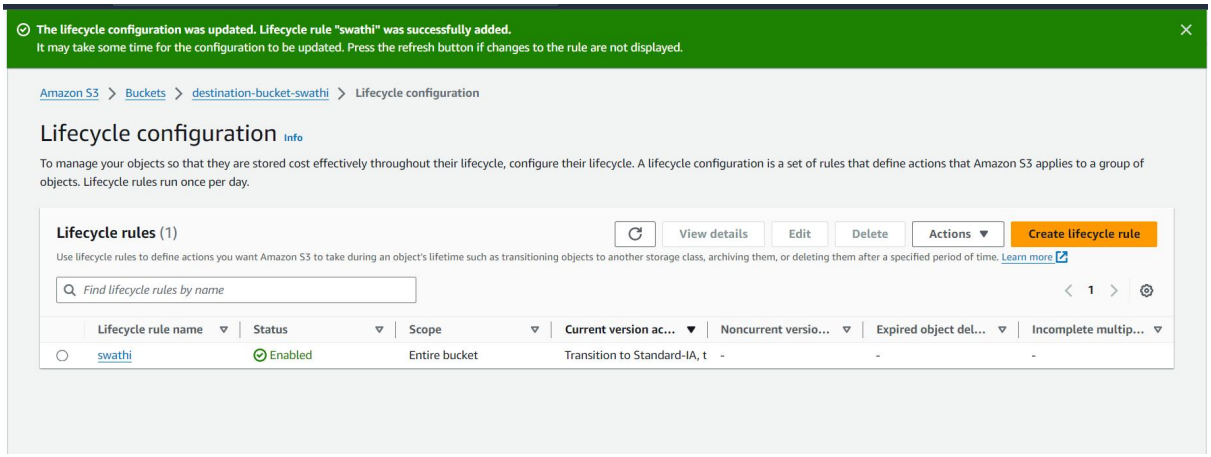
Choose transitions to move current versions of objects between storage classes based on your use case scenario and performance access requirements. These transitions start from when the objects are created and are consecutively applied. Learn more

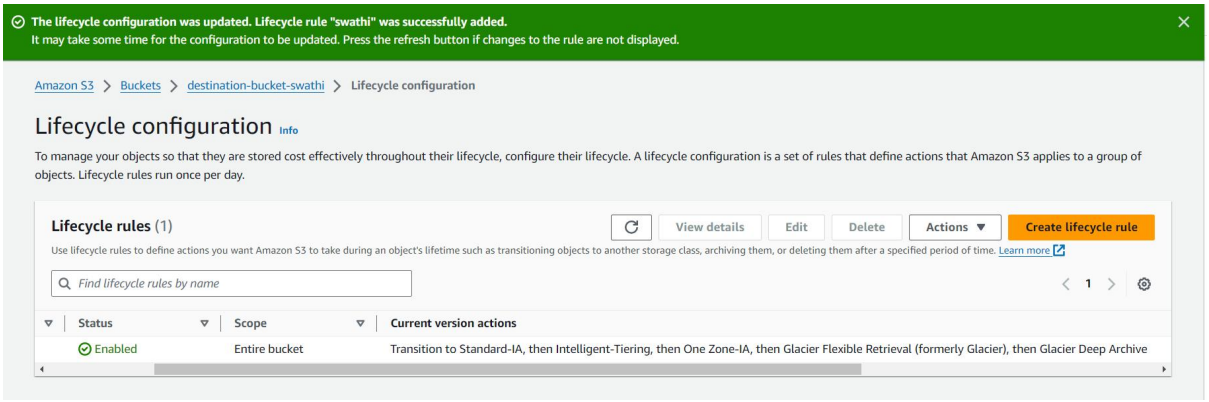
Choose storage class transitions	Days after object creation	
Standard-IA	30	Remove
Intelligent-Tiering	60	Remove
One Zone-IA	90	Remove
Glacier Flexible Retrieval (formerl…	180	Remove
Glacier Deep Archive	250	Remove

- Click on create rule



- Finally life cycle configuration created successfully.


The lifecycle configuration was updated. Lifecycle rule "swathi" was successfully added.
It may take some time for the configuration to be updated. Press the refresh button if changes to the rule are not displayed.
Amazon S3 > Buckets > destination-bucket-swathi > Lifecycle configuration
Lifecycle configuration Info
To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.
Lifecycle rules (1)
View details
Edit
Delete
Actions
Create lifecycle rule
Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. Learn more
Find lifecycle rules by name
1
Lifecycle rule name
Status
Scope
Current version ac...
Noncurrent versio...
Expired object del...
Incomplete multip...
swathi
Enabled
Entire bucket
Transition to Standard-IA, t
-
-
-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