

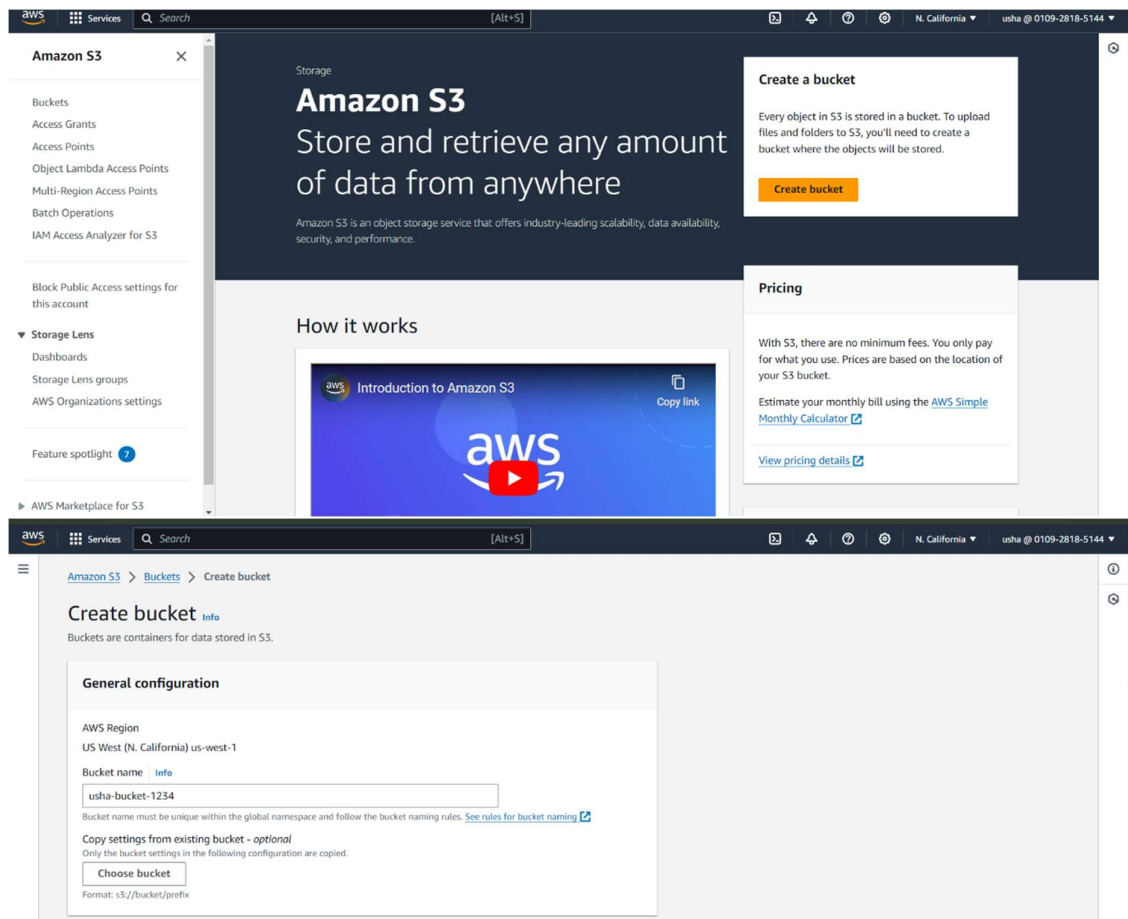
# AMAZON S3 – LIFE CYCLE MANAGEMENT

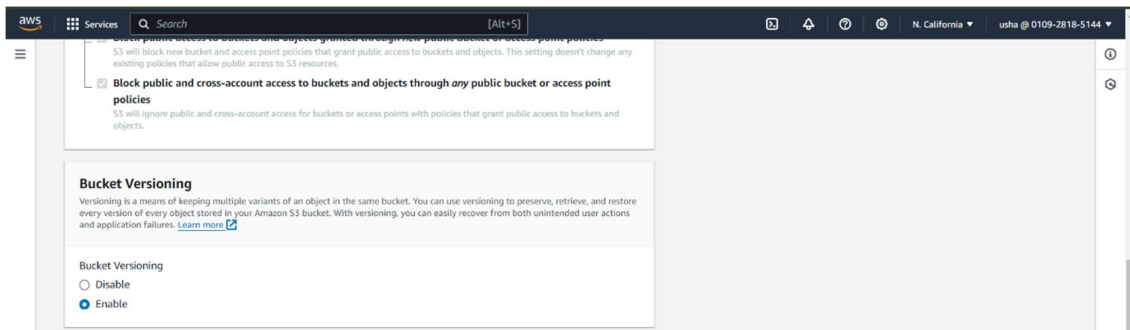
## ➤ What is Life Cycle Management?

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.

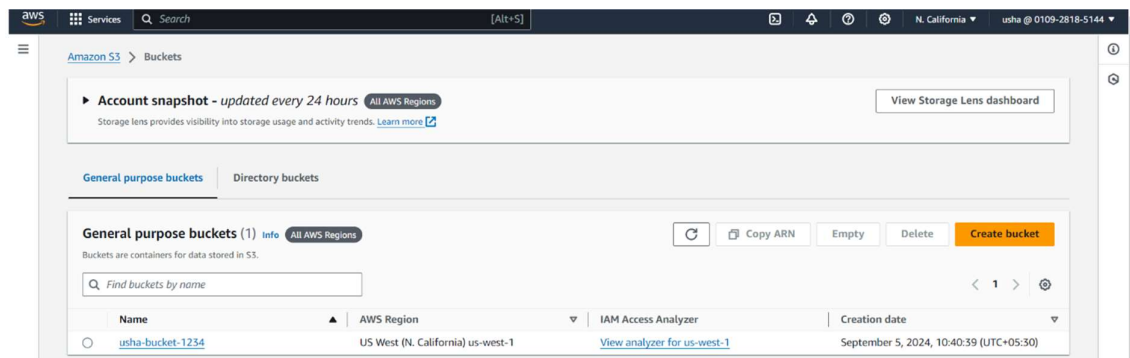
## ➤ Setting up life cycle management:

- Go to the S3 console – click on buckets & then click on create bucket.
- Give name to the bucket: usha-bucket-1234
- “ENABLE VERSIONING” is mandatory and then click on create.
- For better understanding look at the below snapshots.

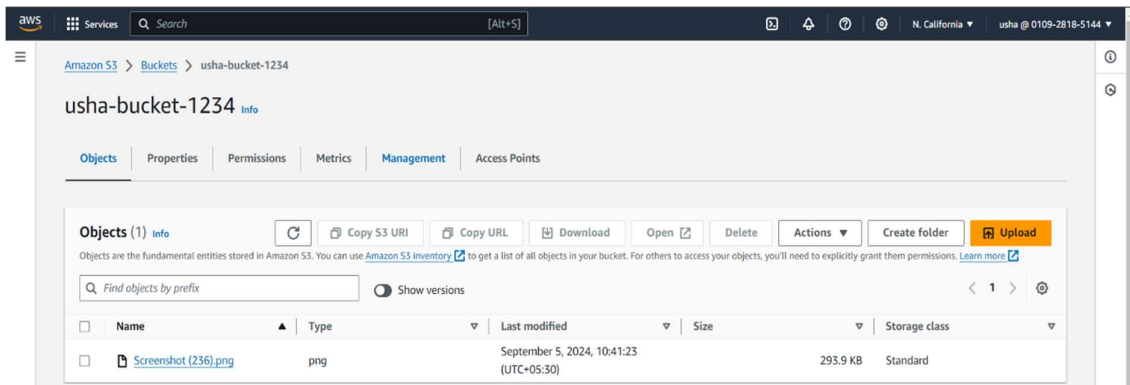




- Bucket created successfully.



- Click on the created bucket: usha-bucket-1234
- 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

aws Services Search [Alt+S] N. California usha @ 0109-2818-5144

Amazon S3 > Buckets > usha-bucket-1234 > Lifecycle configuration > Create lifecycle rule

### Create lifecycle rule [Info](#)

#### Lifecycle rule configuration

Lifecycle rule name

Up to 255 characters

Choose a rule scope

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

☒ Apply to all objects in the bucket

**⚠ Apply to all objects in the bucket**

If you want the rule to apply to specific objects, you must use a filter to identify those objects. Choose "Limit the scope of this rule using one or more filters". [Learn more](#)

☒ I acknowledge that this rule will apply to all objects in the bucket.

#### Lifecycle rule actions

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

☒ 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

[Remove](#)

A valid integer value is required.

[Add transition](#)

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	270

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☐ 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	270	Remove

Add transition

- Click on create rule

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- Objects move to Standard-IA
- ↓
- Day 60
- Objects move to Intelligent-Tiering
- ↓
- Day 90
- Objects move to One Zone-IA
- ↓
- Day 180
- Objects move to Glacier Flexible Retrieval (formerly Glacier)
- ↓
- Day 270
- Objects move to Glacier Deep Archive

Cancel Create rule

- Finally life cycle configuration created successfully.

aws Services Search [Alt+S]

Amazon S3 > Buckets > usha-bucket-1234 > 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

Lifecycle rule name	Status	Scope	Current version actions	Noncurrent versio...	Expire
usha	Enabled	Entire bucket	Transition to Standard-IA, then Intelligent-Tiering, then One Zone-IA, then Gl	-	-