Problem Statement:

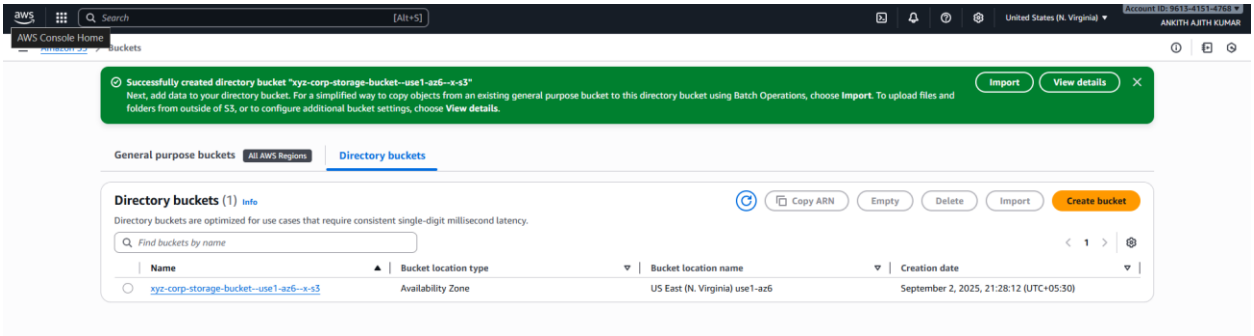
You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

Tasks To Be Performed:

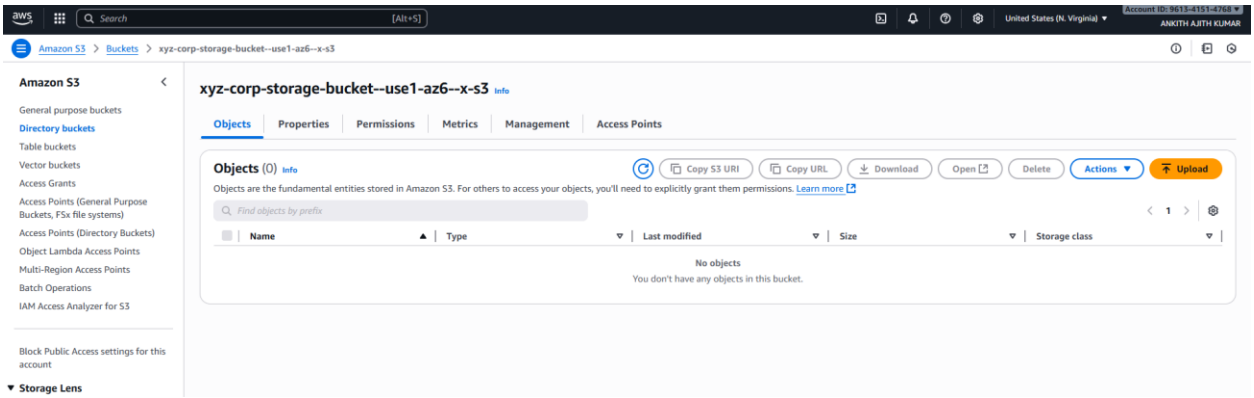
1. Create an S3 Bucket for file storage.

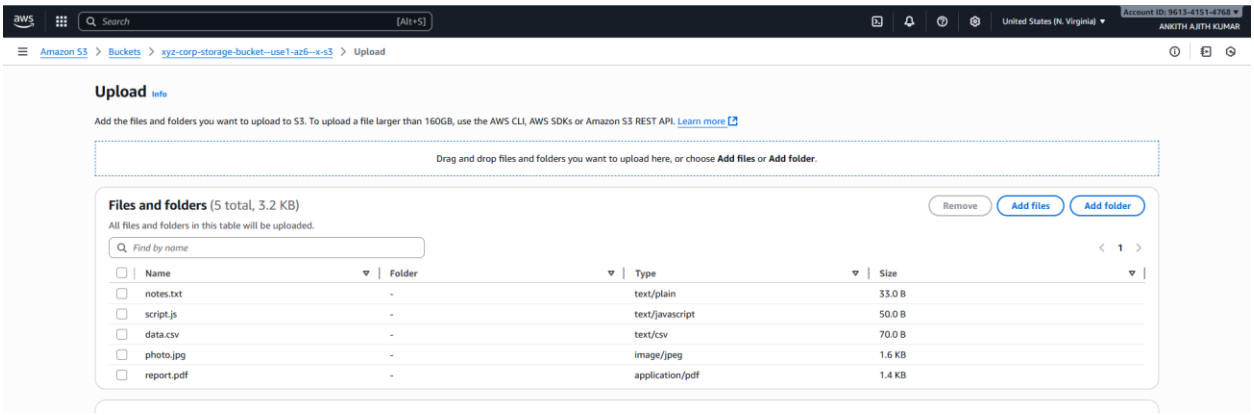
2. Upload 5 objects with different file extensions

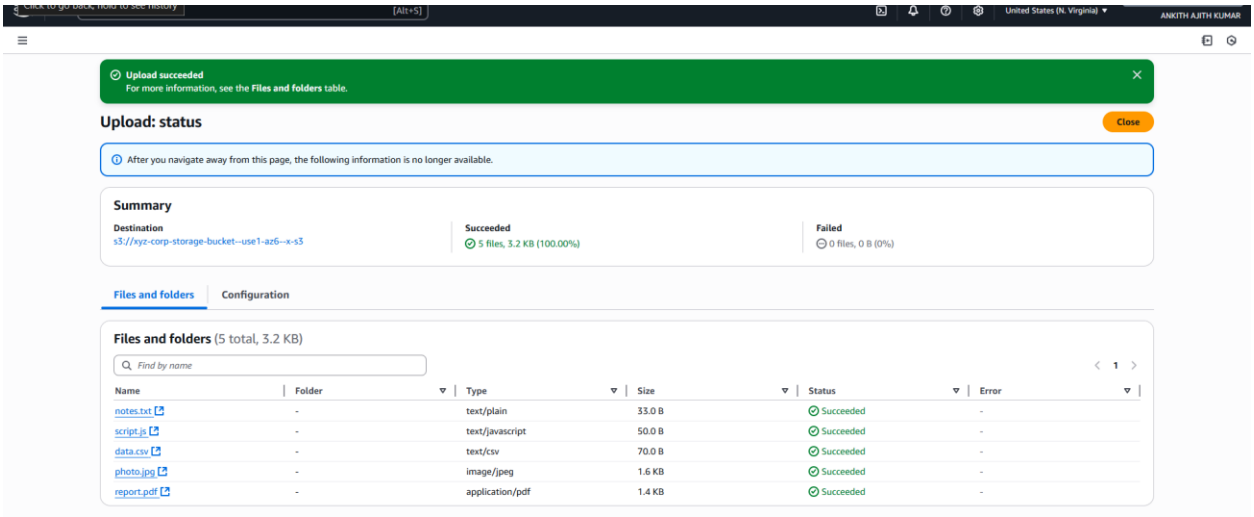
Creating bucket:



Now i want to upload 5 objects







I have uploaded 5 different objects

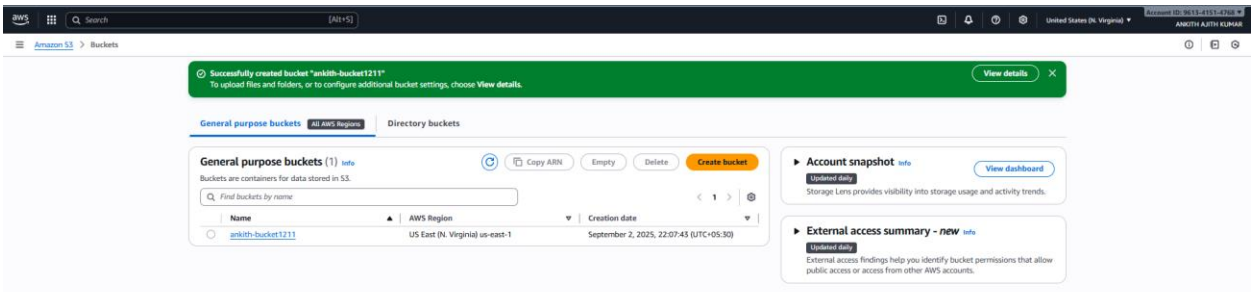
Problem Statement:

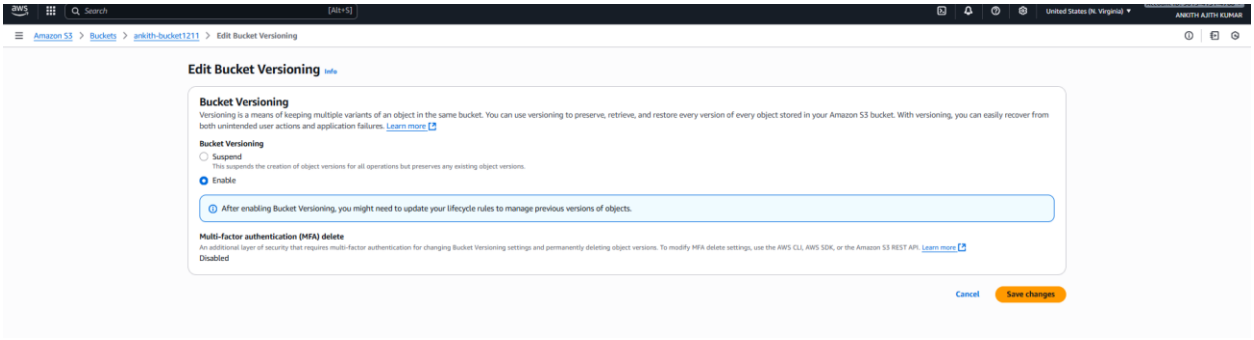
You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

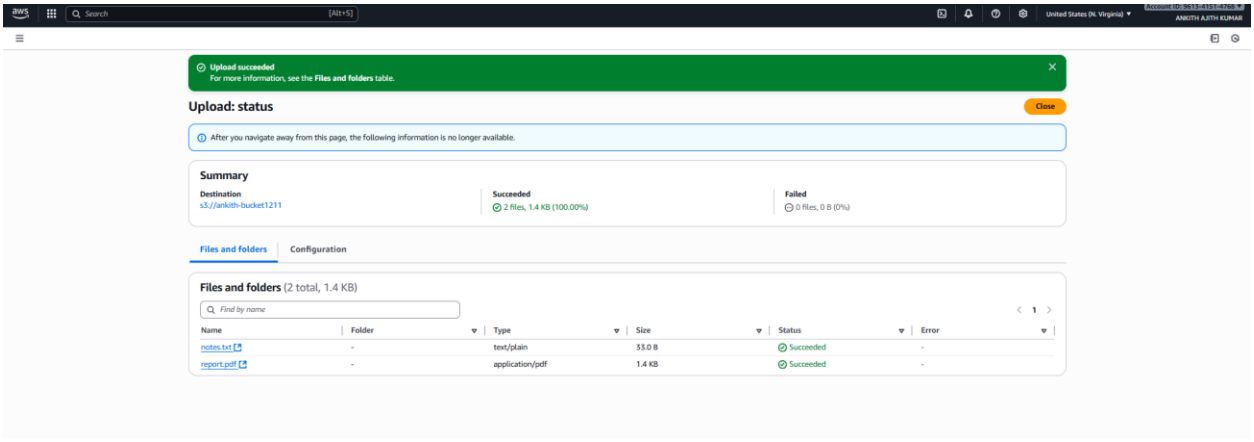
Tasks To Be Performed:

1. Enable versioning for the bucket created in task 1.

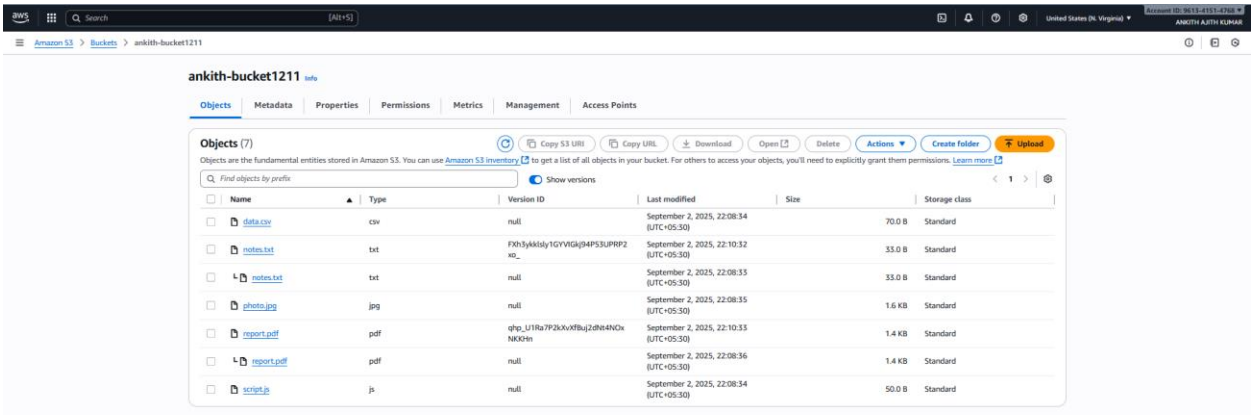
2. Re-upload any 2 files already uploaded to verify if versioning works.







Verifying Versioning



3)Problem Statement:

You work for XYZ Corporation. Their application requires a storage service that can store files and publicly share them if required. Implement S3 for the same.

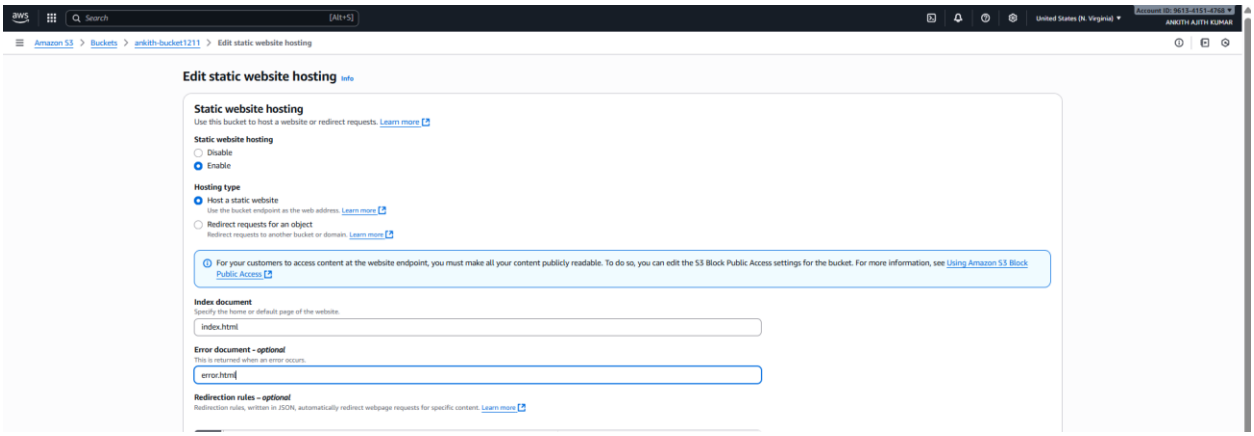
Tasks To Be Performed:

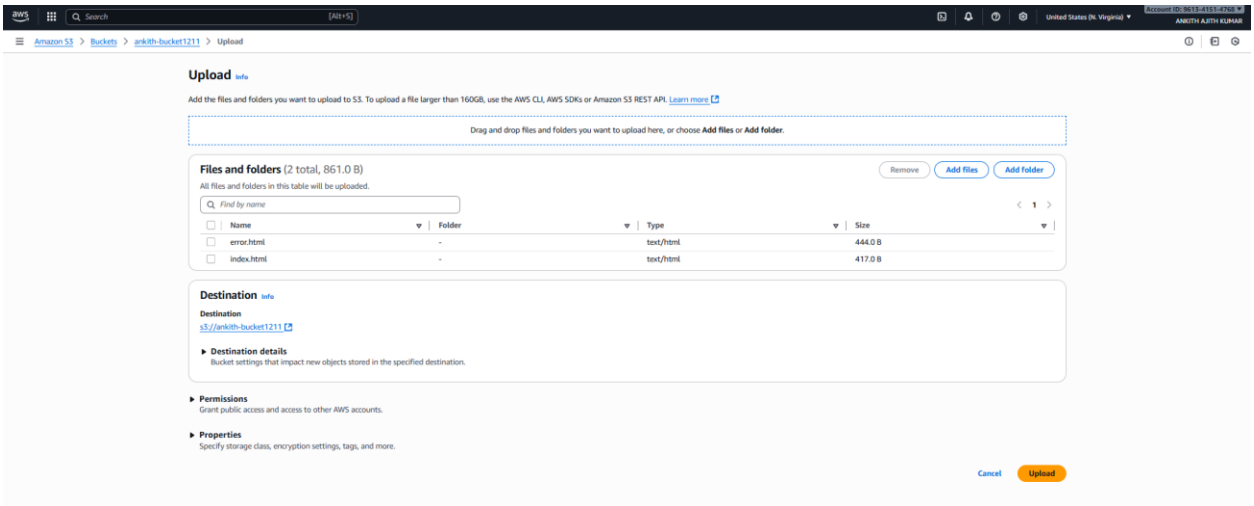
1. Use the created bucket in the previous task to host static websites, upload an index.html file and error.html page.

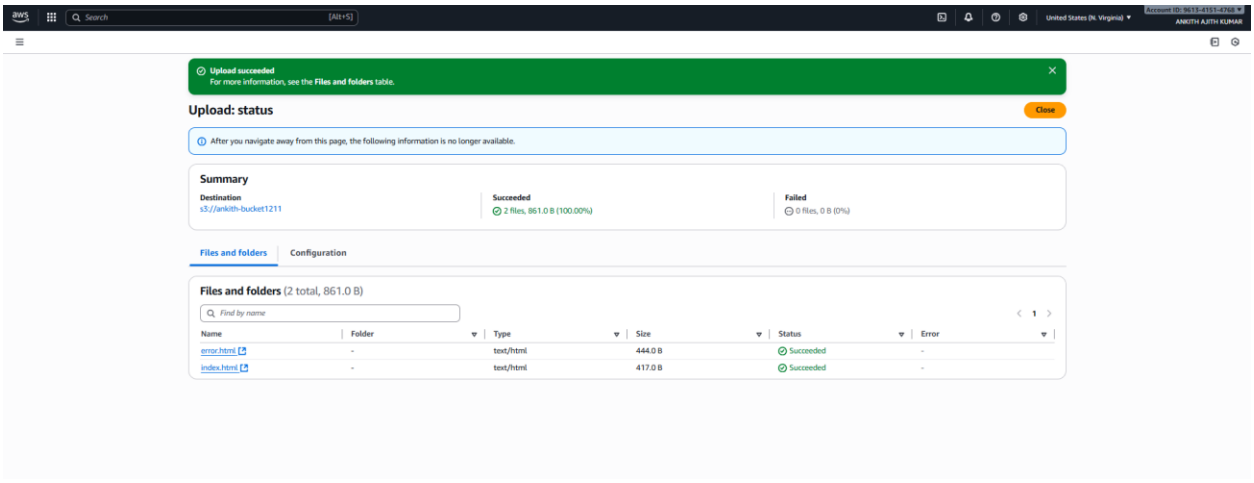
2. Add a lifecycle rule for the bucket:

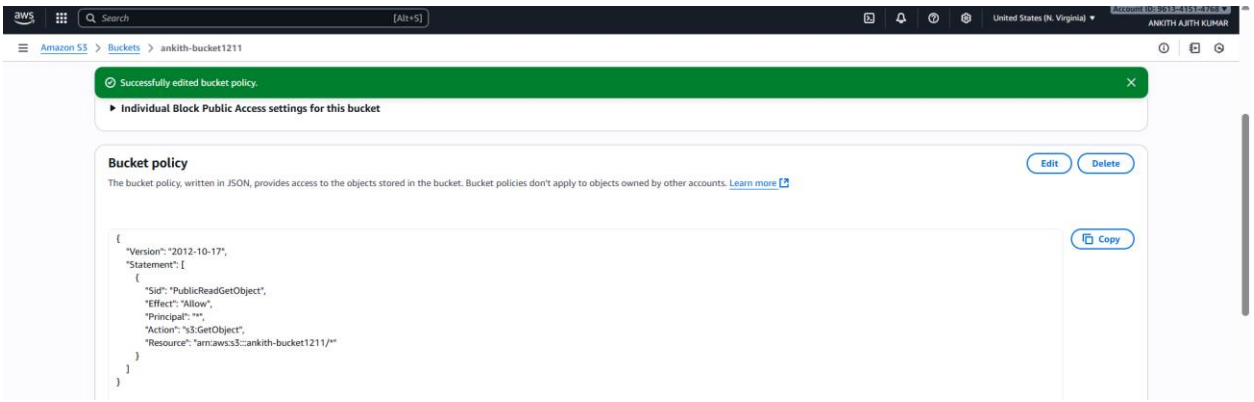
a. Transition from Standard to Standard-IA in 60 days

b. Expiration in 200 days





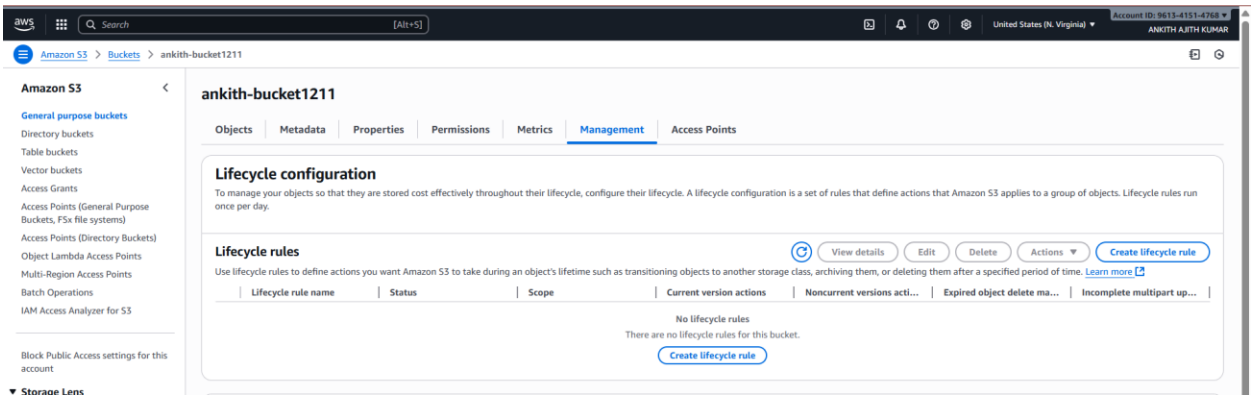


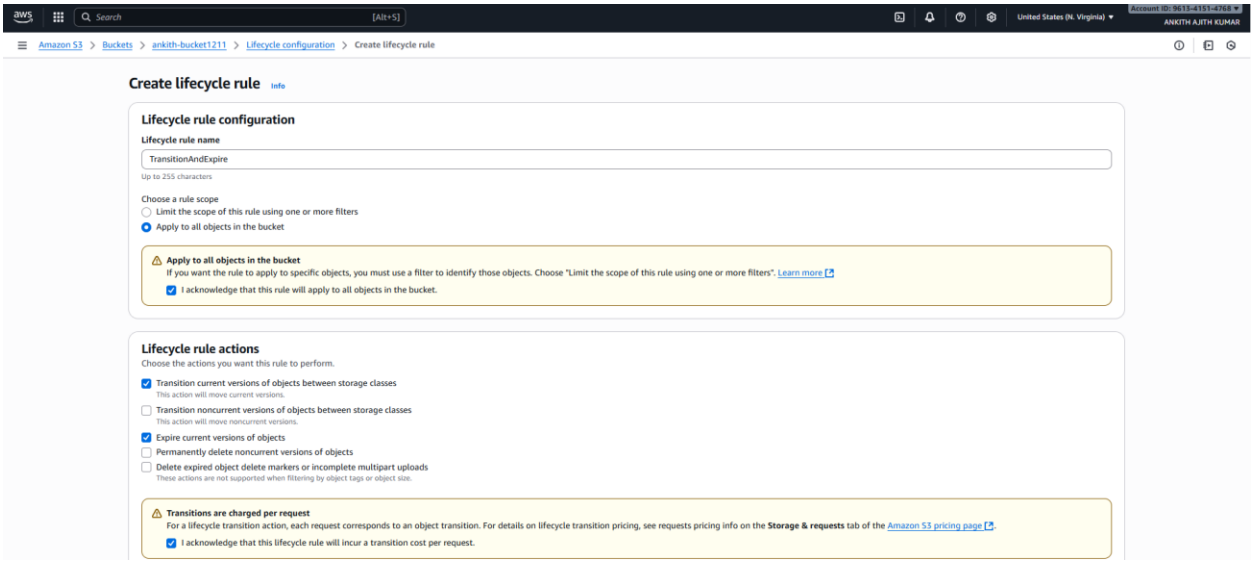


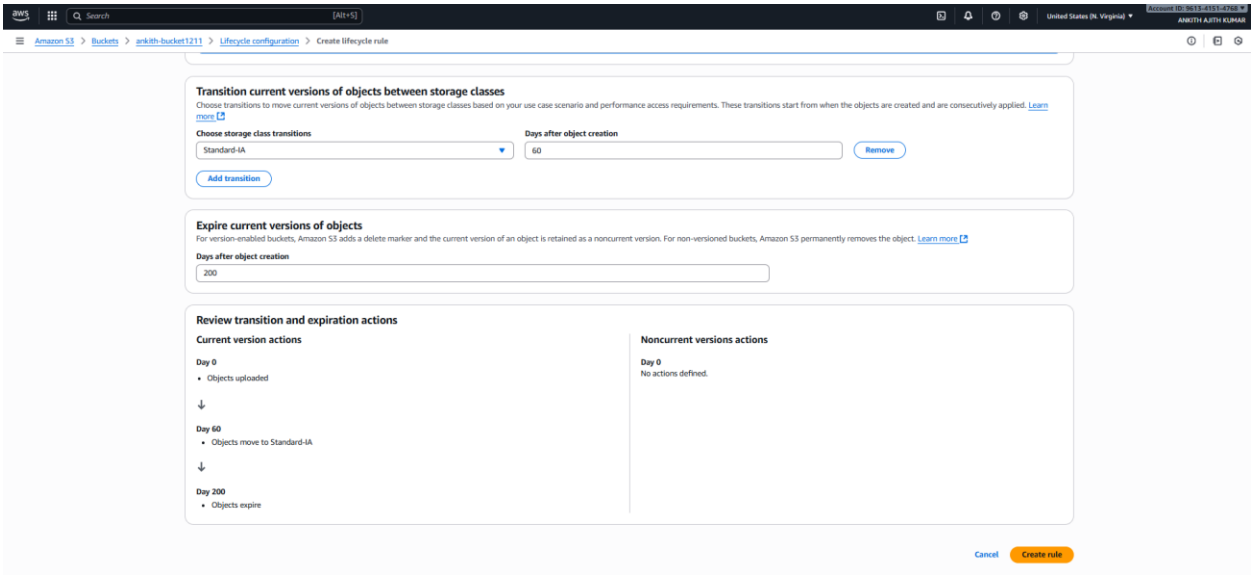
Index.html: http://ankith-bucket1211.s3-website-us-east-1.amazonaws.com

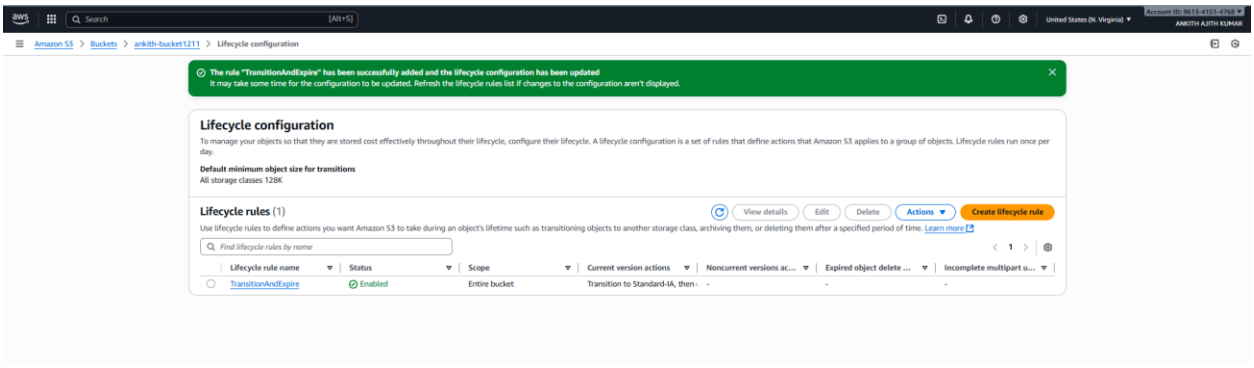
Invalid link:http://ankith-bucket1211.s3-website-us-east-1.amazonaws.com/xyz.html

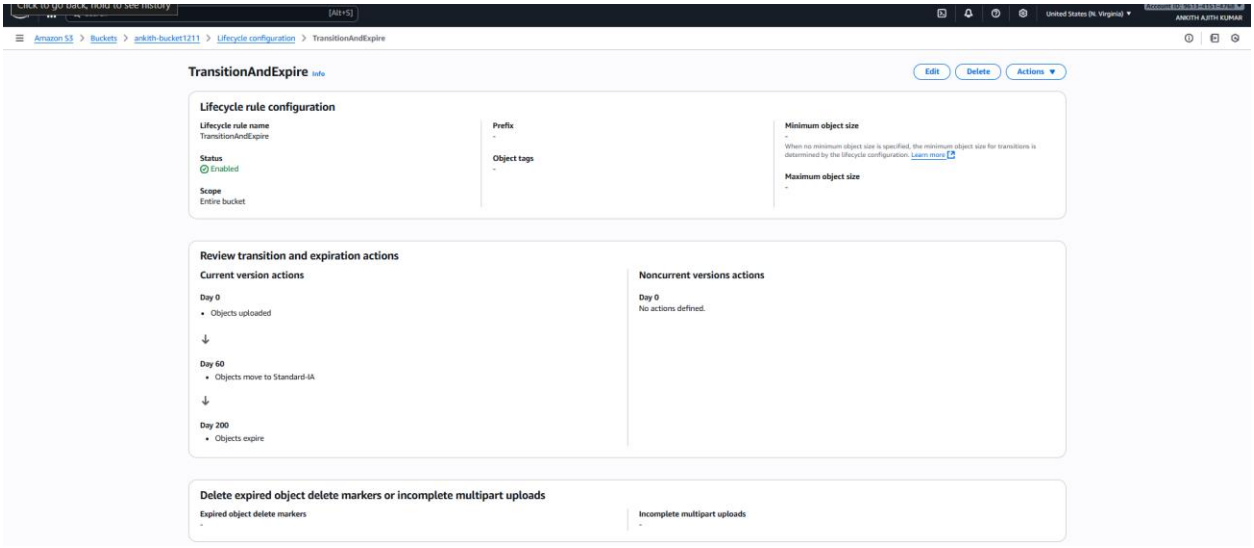
Add a Lifecycle Rule:


Amazon S3
Buckets
ankith-bucket1211
Amazon S3
General purpose buckets
Directory buckets
Table buckets
Vector buckets
Access Grants
Access Points (General Purpose Buckets, FSx file systems)
Access Points (Directory Buckets)
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
ankith-bucket1211
Objects
Metadata
Properties
Permissions
Metrics
Management
Access Points
Lifecycle configuration
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
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
Lifecycle rule name
Status
Scope
Current version actions
Noncurrent versions acti...
Expired object delete ma...
Incomplete multipart up...
No lifecycle rules
There are no lifecycle rules for this bucket.
Create lifecycle rule


Amazon S3
Buckets
ankith-bucket1211
Lifecycle configuration
Create lifecycle rule
Create lifecycle rule Info
Lifecycle rule configuration
Lifecycle rule name
TransitionAndExpire
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.
Transition current versions of objects between storage classes
This action will move current versions.
Transition noncurrent versions of objects between storage classes
This action will move noncurrent versions.
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.
Transitions are charged per request
For a lifecycle transition action, each request corresponds to an object transition. For details on lifecycle transition pricing, see requests pricing info on the Storage & requests tab of the Amazon S3 pricing page.
I acknowledge that this lifecycle rule will incur a transition cost per request.


Amazon S3
Buckets
ankith-bucket1211
Lifecycle configuration
Create lifecycle rule
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
Standard-IA
Days after object creation
60
Remove
Add transition
Expire current versions of objects
For version-enabled buckets, Amazon S3 adds a delete marker and the current version of an object is retained as a noncurrent version. For non-versioned buckets, Amazon S3 permanently removes the object. Learn more
Days after object creation
200
Review transition and expiration actions
Current version actions
Day 0
Objects uploaded
Day 60
Objects move to Standard-IA
Day 200
Objects expire
Noncurrent versions actions
Day 0
No actions defined.
Cancel
Create rule


Search
[Alt+S]
United States (N. Virginia)
ANKITH AJITH KUMAR
Amazon S3 > Buckets > ankith-bucket1211 > Lifecycle configuration
The rule "TransitionAndExpire" has been successfully added and the lifecycle configuration has been updated
It may take some time for the configuration to be updated. Refresh the lifecycle rules list if changes to the configuration aren't displayed.
Lifecycle configuration
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.
Default minimum object size for transitions
All storage classes 128K
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 versions ac...
Expired object delete ...
Incomplete multipart u...
TransitionAndExpire
Enabled
Entire bucket
Transition to Standard-IA, then
-


[Alt+S]
United States (N. Virginia)
ANKITH AJITH KUMAR
Amazon S3 > Buckets > ankith-bucket1211 > Lifecycle configuration > TransitionAndExpire
TransitionAndExpire Info
Edit
Delete
Actions
Lifecycle rule configuration
Lifecycle rule name
TransitionAndExpire
Status
Enabled
Scope
Entire bucket
Prefix
-
Object tags
-
Minimum object size
-
When no minimum object size is specified, the minimum object size for transitions is determined by the lifecycle configuration. Learn more
Maximum object size
-
Review transition and expiration actions
Current version actions
Day 0
Objects uploaded
Day 60
Objects move to Standard-IA
Day 200
Objects expire
Noncurrent versions actions
Day 0
No actions defined.
Delete expired object delete markers or incomplete multipart uploads
Expired object delete markers
-
Incomplete multipart uploads
-