AWS Solutions Architect Certification Training

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Module 5 - Assignment S3 COMPLETED by Nagesha. K.S.
Please check the following screenshots for each question.

Problem Statement:

You work for XYZ Corporation. The company has decided to move its infrastructure to AWS to leverage the storage services offered by AWS.

While migrating, you are asked to perform the following tasks:

1. Ensure that any amount of data can be stored on the cloud and can be retrieved at anytime from anywhere on the web

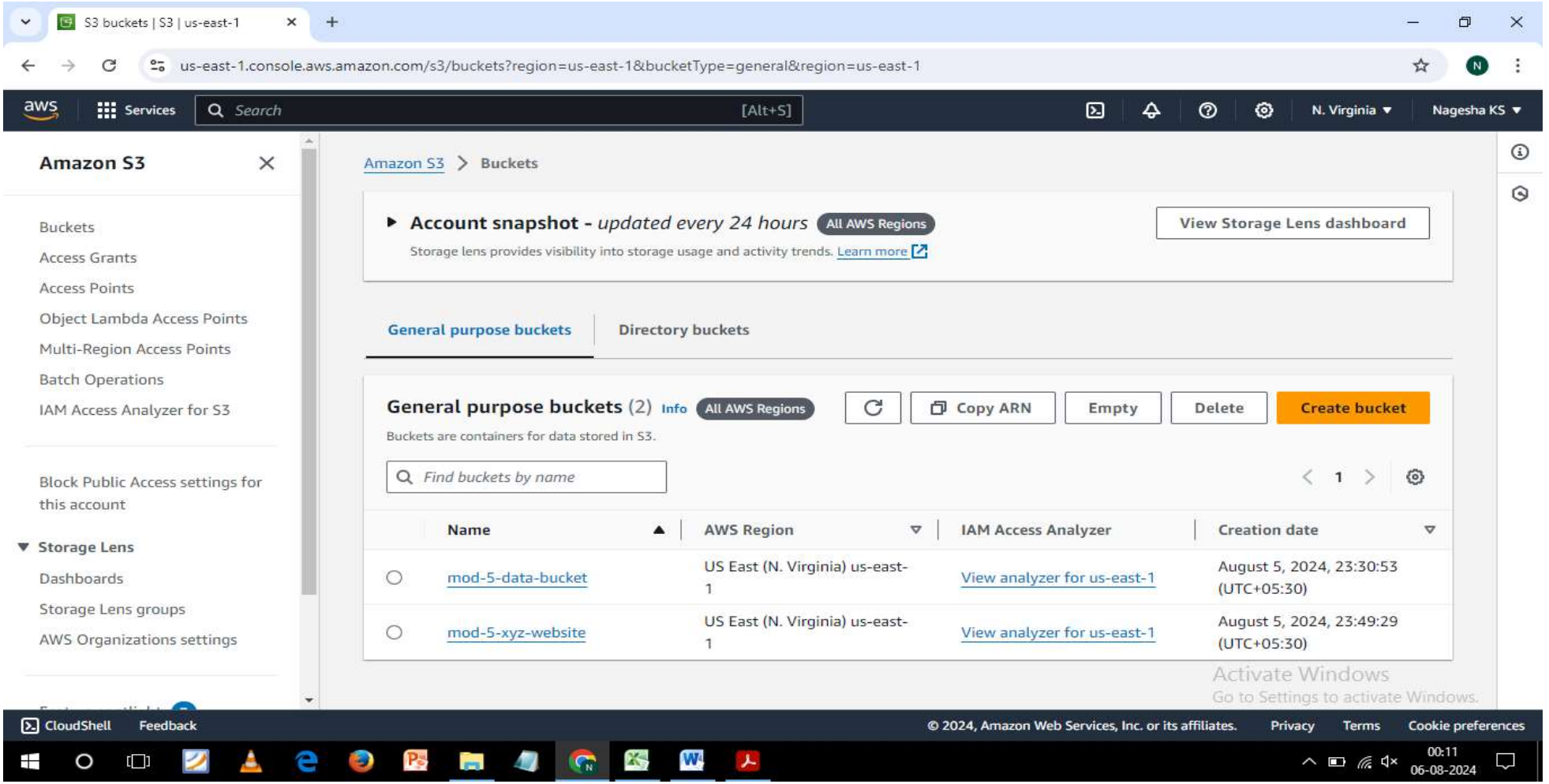
2. Manage the lifecycle of the data that is being stored on the cloud so that it gets deleted automatically after 75 days

3. Retrieve the old version of a file if the content of the current version of the file is Compromised accidentally

4. Host your static website on the AWS cloud using the domain name created in the Module 3 Route 53 assignment

5. Display an error page if the proper domain name is not used while attempting to access the company's website

6. Create an S3 access point for the created bucket, and upload a file to the bucket from the CLI


S3 buckets | S3 | us-east-1
us-east-1.console.aws.amazon.com/s3/buckets?region=us-east-1&bucketType=general&region=us-east-1
aws
Services
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Nagesha KS
Amazon S3
Buckets
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
Storage Lens groups
AWS Organizations settings
Amazon S3 > Buckets
Account snapshot - updated every 24 hours
All AWS Regions
Storage lens provides visibility into storage usage and activity trends. Learn more
View Storage Lens dashboard
General purpose buckets
Directory buckets
General purpose buckets (2) Info
All AWS Regions
Copy ARN
Empty
Delete
Create bucket
Buckets are containers for data stored in S3.
Find buckets by name
1
Name
AWS Region
IAM Access Analyzer
Creation date
mod-5-data-bucket
US East (N. Virginia) us-east-1
View analyzer for us-east-1
August 5, 2024, 23:30:53 (UTC+05:30)
mod-5-xyz-website
US East (N. Virginia) us-east-1
View analyzer for us-east-1
August 5, 2024, 23:49:29 (UTC+05:30)
Activate Windows
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CloudShell
Feedback
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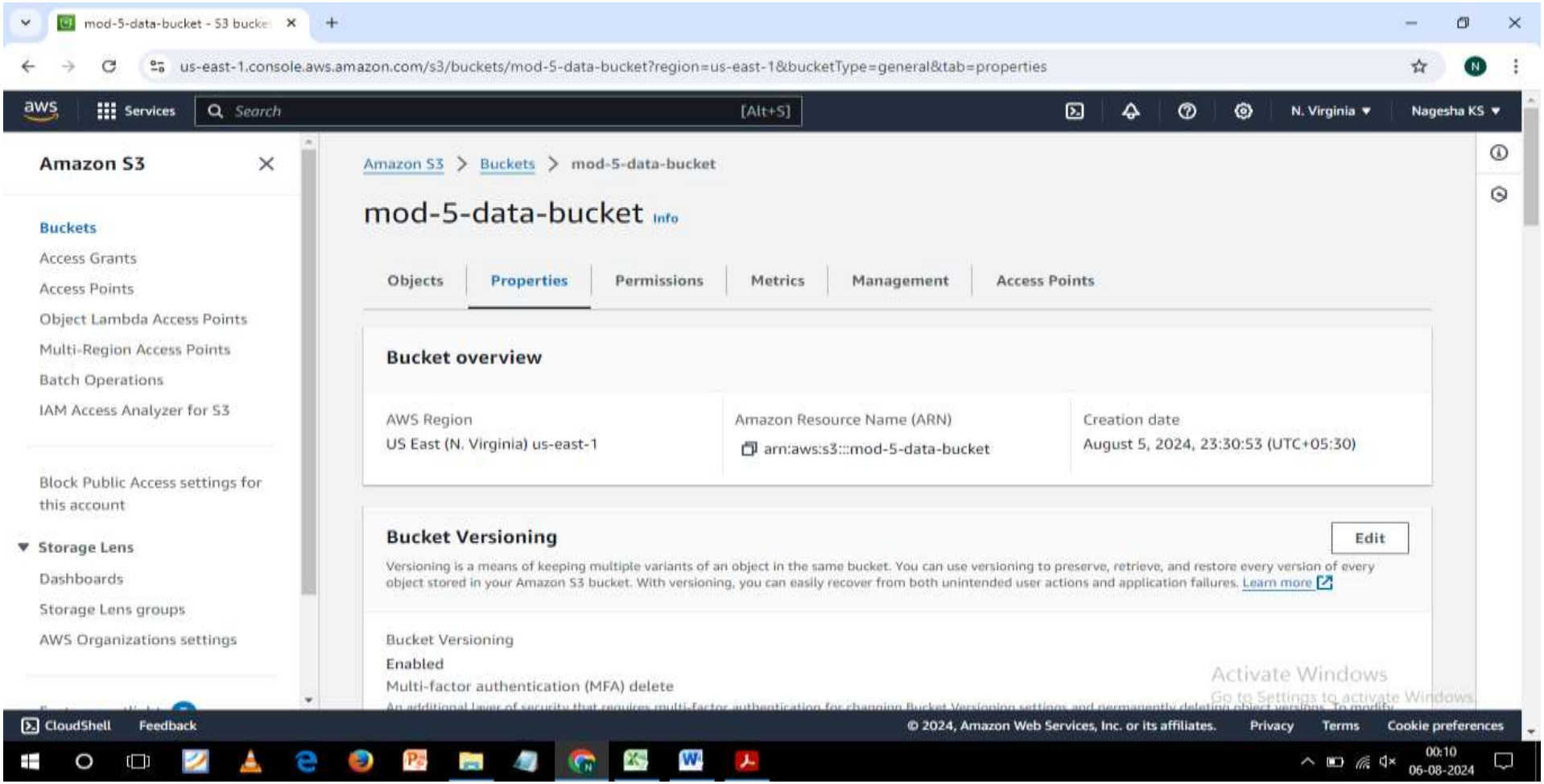
mod-5-data-bucket - S3 bucket
us-east-1.console.aws.amazon.com/s3/buckets/mod-5-data-bucket?region=us-east-1&bucketType=general&tab=properties
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Services
Search
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N. Virginia
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Amazon S3
Buckets
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
Storage Lens groups
AWS Organizations settings
Amazon S3 > Buckets > mod-5-data-bucket
mod-5-data-bucket Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Bucket overview
AWS Region
US East (N. Virginia) us-east-1
Amazon Resource Name (ARN)
arn:aws:s3:::mod-5-data-bucket
Creation date
August 5, 2024, 23:30:53 (UTC+05:30)
Bucket Versioning
Edit
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more
Bucket Versioning
Enabled
Multi-factor authentication (MFA) delete
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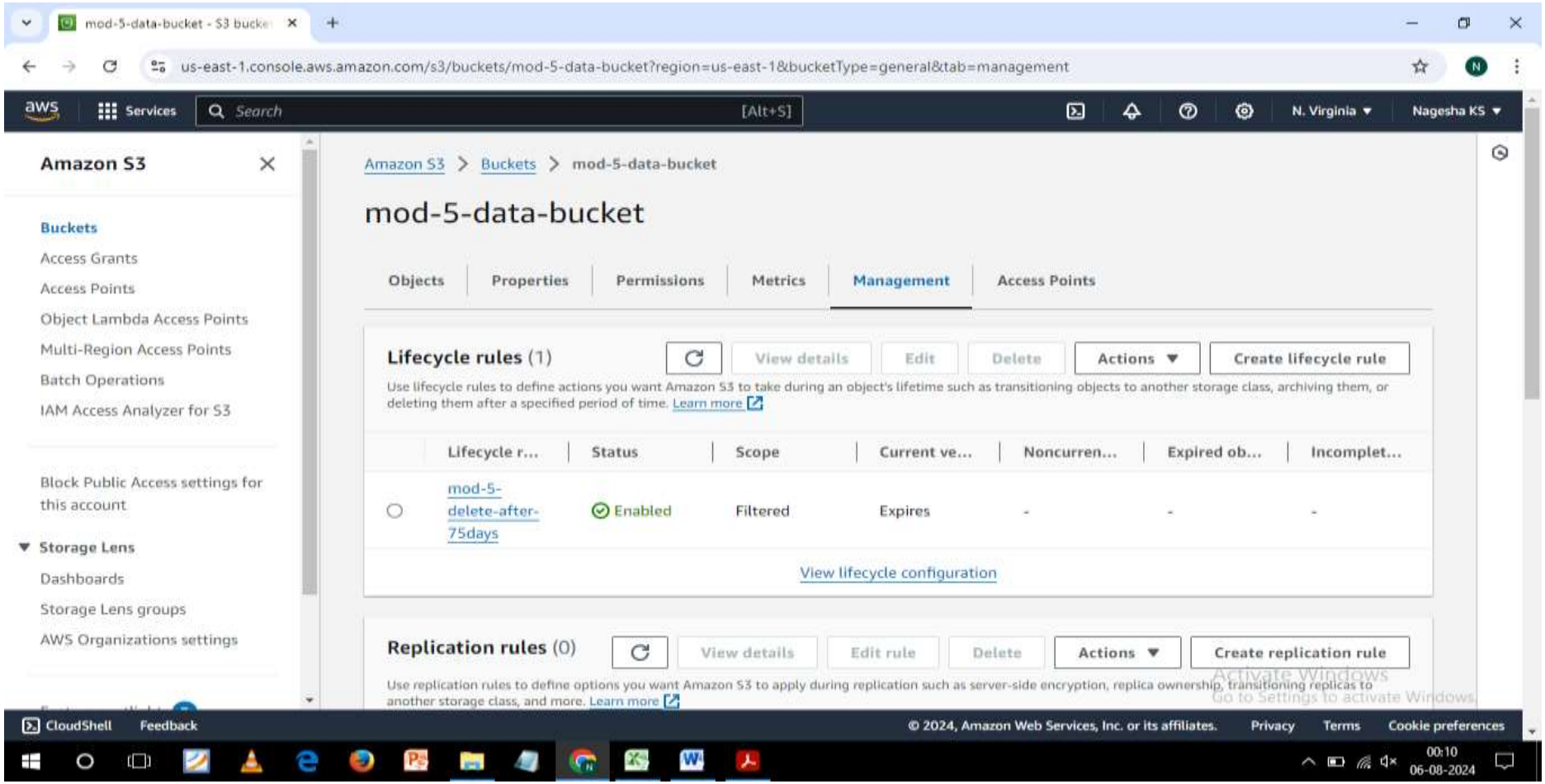
mod-5-data-bucket - S3 bucke
us-east-1.console.aws.amazon.com/s3/buckets/mod-5-data-bucket?region=us-east-1&bucketType=general&tab=management
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Amazon S3
Buckets
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
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Storage Lens
Dashboards
Storage Lens groups
AWS Organizations settings
Amazon S3 > Buckets > mod-5-data-bucket
mod-5-data-bucket
Objects
Properties
Permissions
Metrics
Management
Access Points
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
Lifecycle r...
Status
Scope
Current ve...
Noncurren...
Expired ob...
Incomplet...
mod-5-delete-after-75days
Enabled
Filtered
Expires
View lifecycle configuration
Replication rules (0)
View details
Edit rule
Delete
Actions
Create replication rule
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
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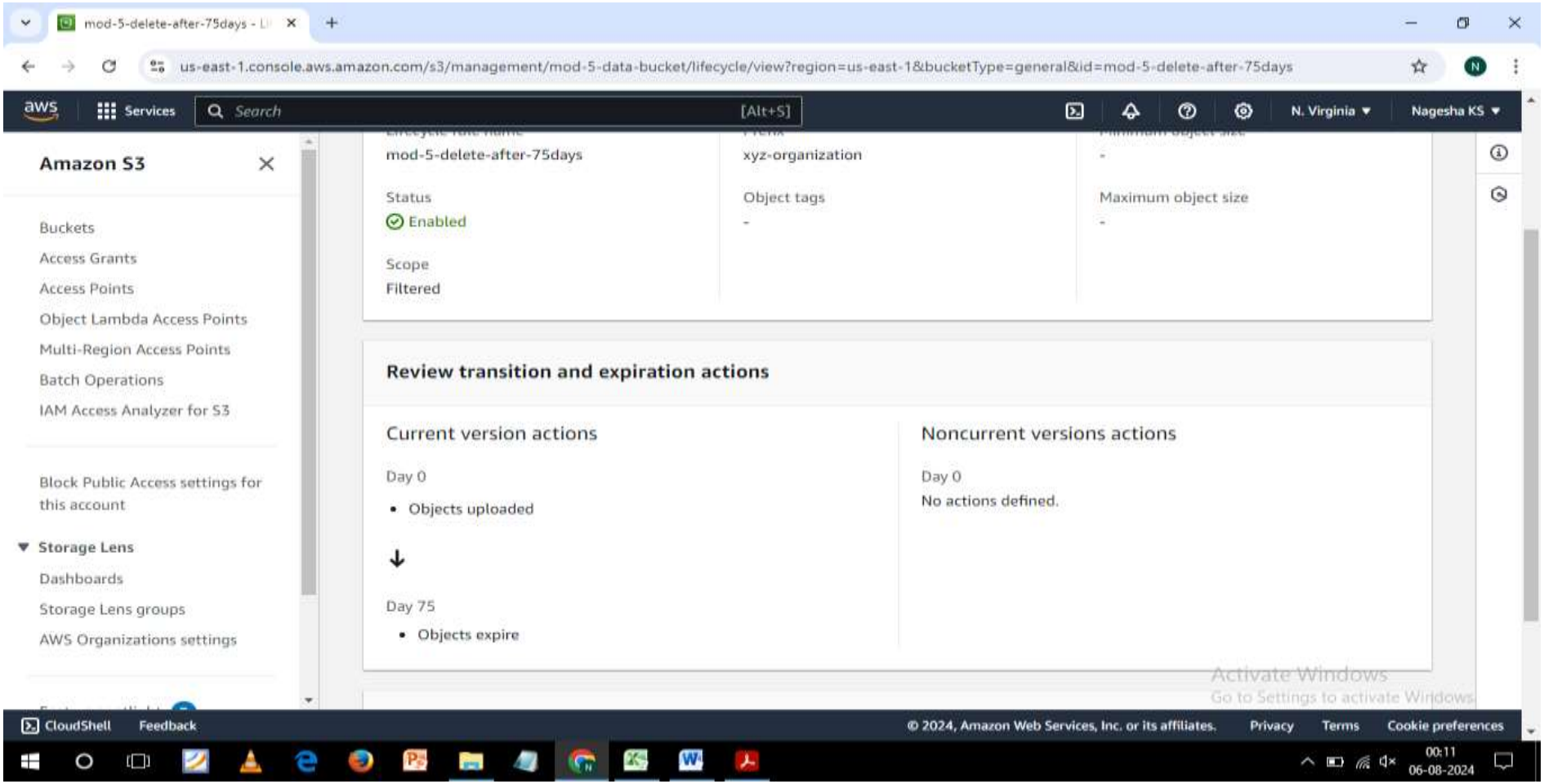
mod-5-delete-after-75days - L
us-east-1.console.aws.amazon.com/s3/management/mod-5-data-bucket/lifecycle/view?region=us-east-1&bucketType=general&id=mod-5-delete-after-75days
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Amazon S3
Buckets
Access Grants
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
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Block Public Access settings for this account
Storage Lens
Dashboards
Storage Lens groups
AWS Organizations settings
mod-5-delete-after-75days
xyz-organization
Status
Enabled
Object tags
-
Maximum object size
-
Scope
Filtered
Review transition and expiration actions
Current version actions
Day 0
Objects uploaded
Day 75
Objects expire
Noncurrent versions actions
Day 0
No actions defined.
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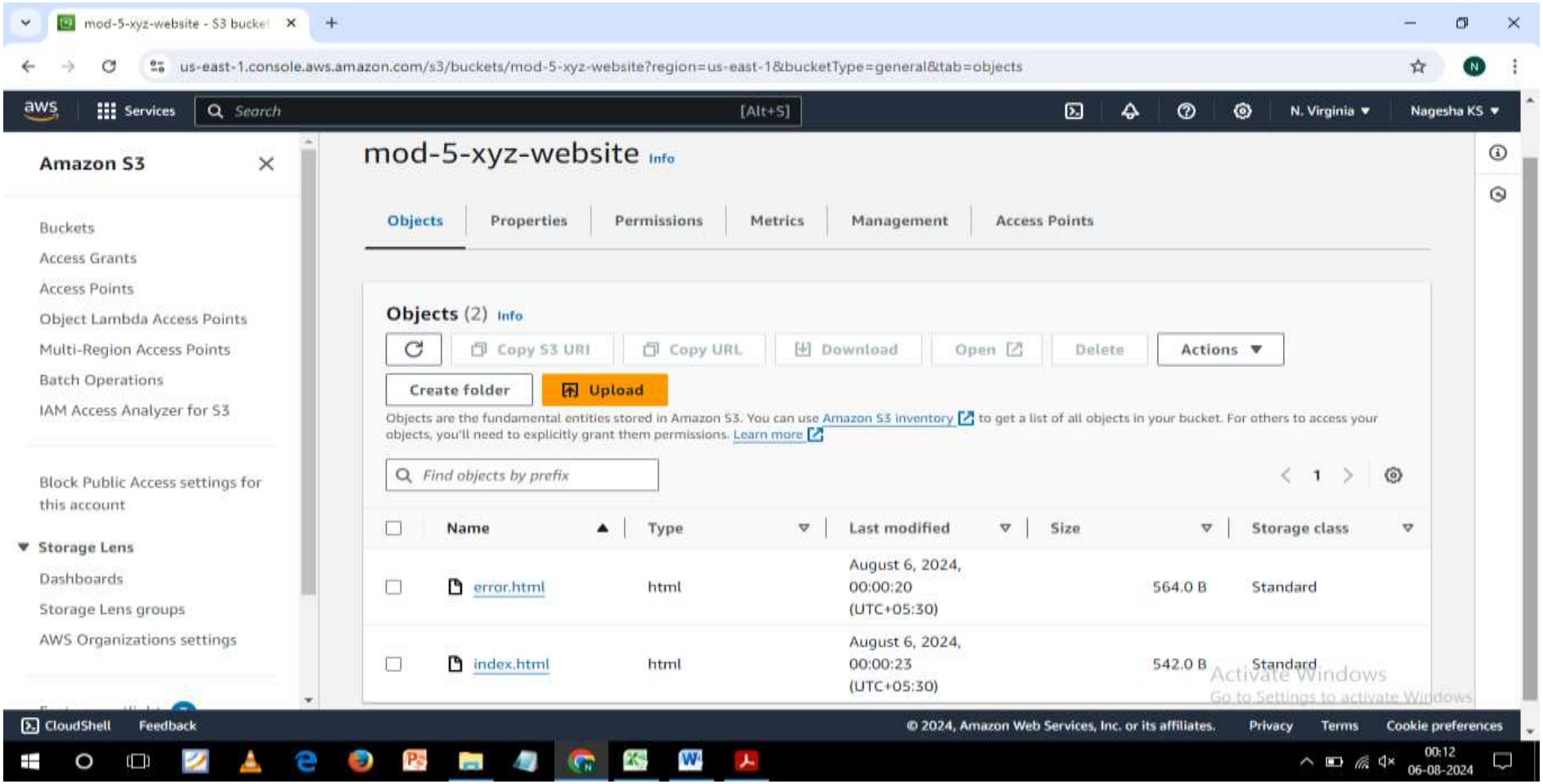

freenom is not accepting new domain names as mentiod below. I tried with AWS Route 53 but it charges in USD.