LAB ASSIGNMENTS 3: What is Amazon S3?

Simple Storage Service is a scalable and secure cloud storage service provided by Amazon Web Services (AWS).
It allows you to store and retrieve any amount of data from anywhere on the web.

Instruction:
1. Explore option with S3 bucket creation
2. create a bucket to put data and apply versioning over it
3. Explore S3 bucket policies
4. Write Spring boot application to intract with S3
5. Install AWS CLI and create and access s3 from your terminal

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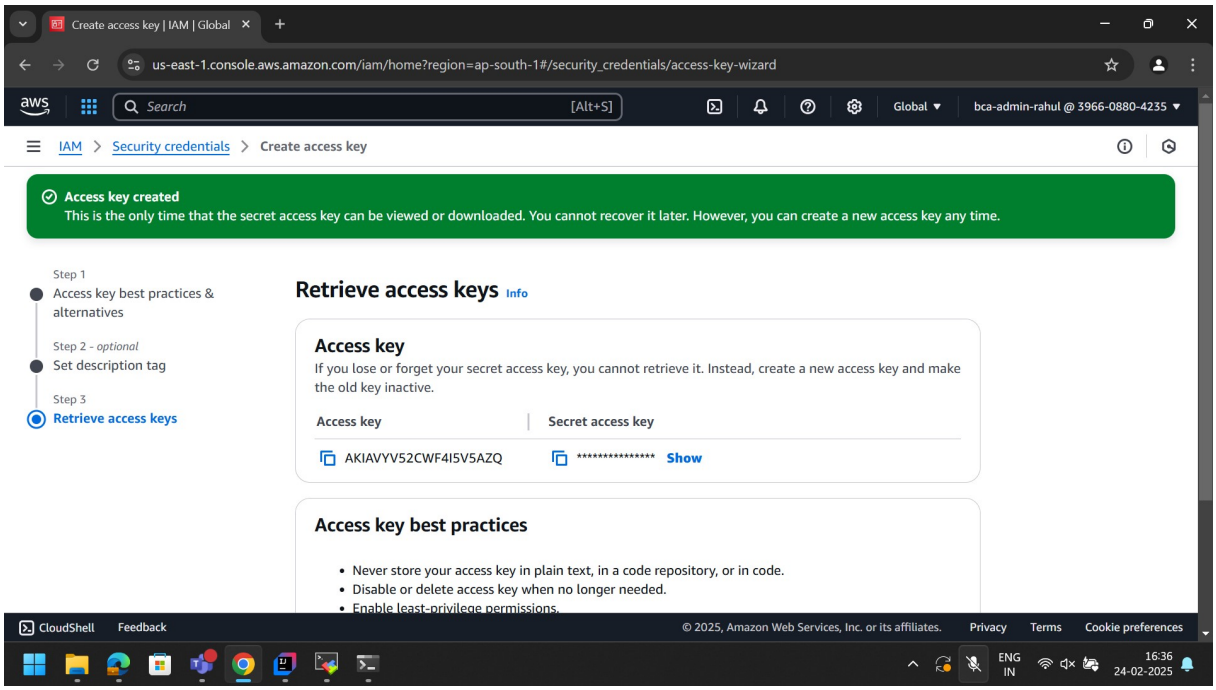
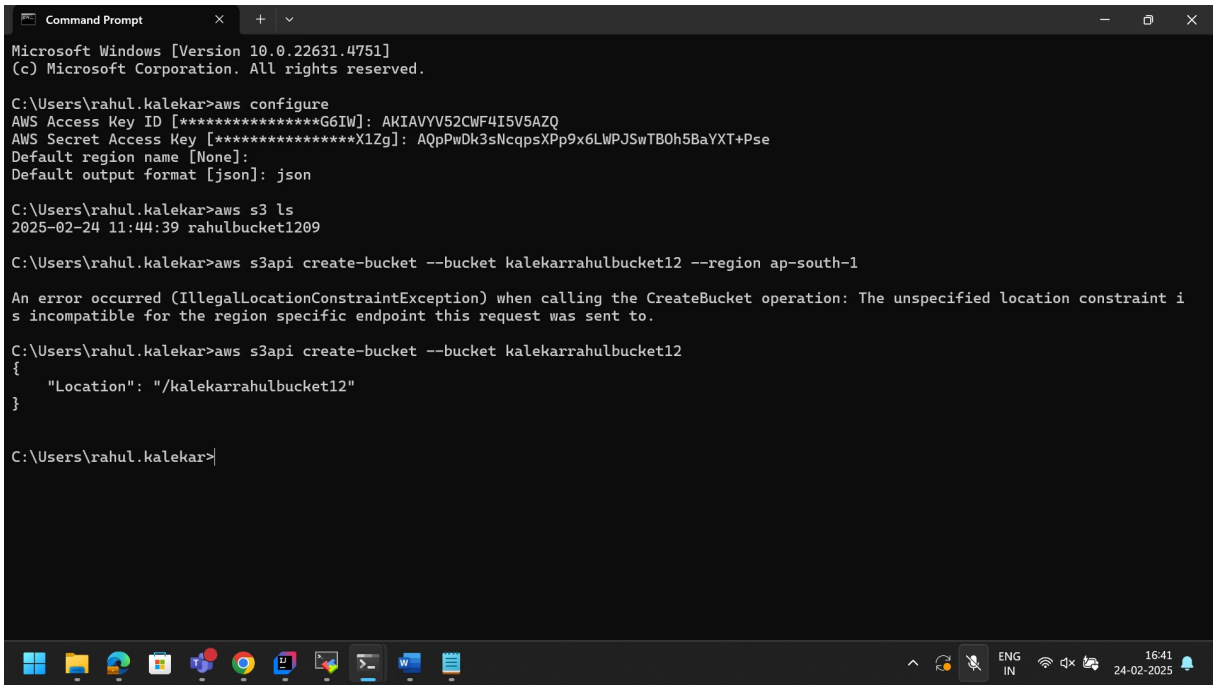
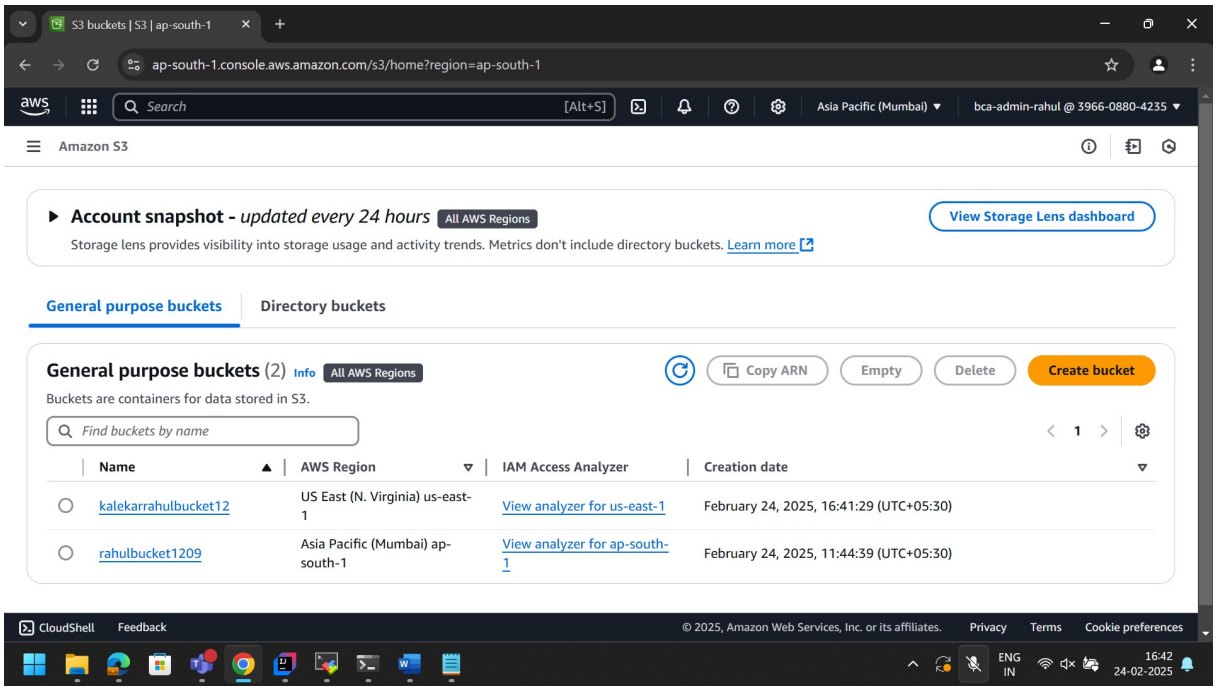
USING AWS CLI

1. Creating access token for IAM user

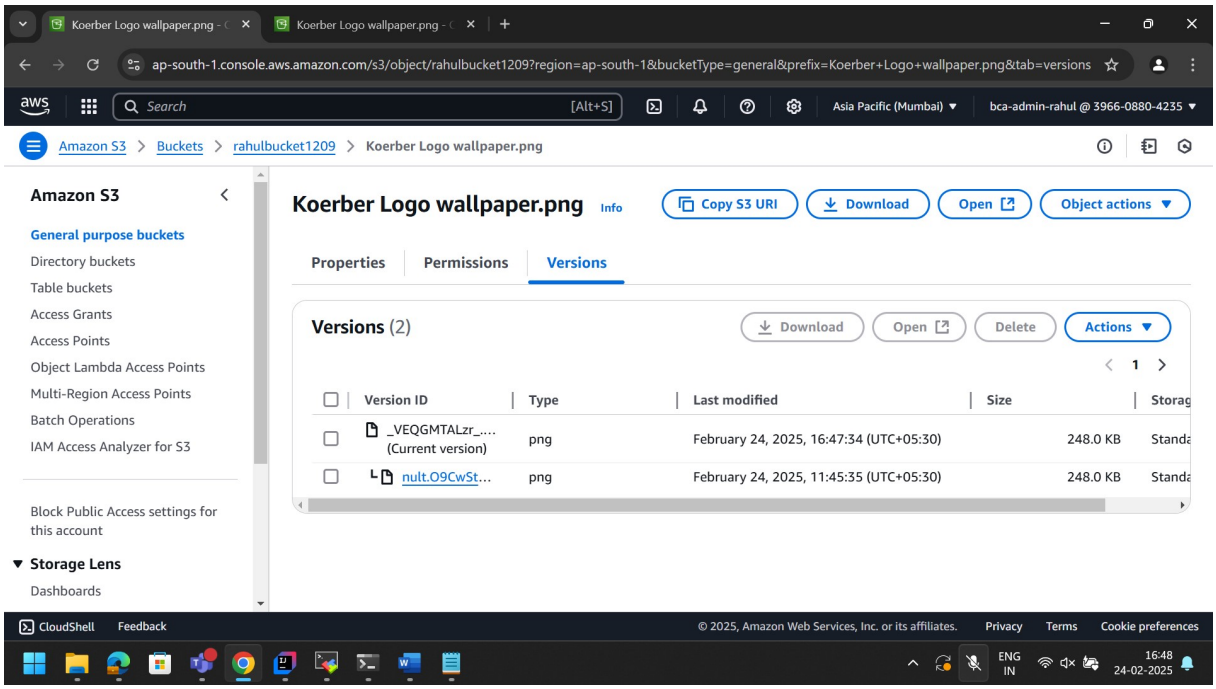


2.Use that token to configure cli and create bucket

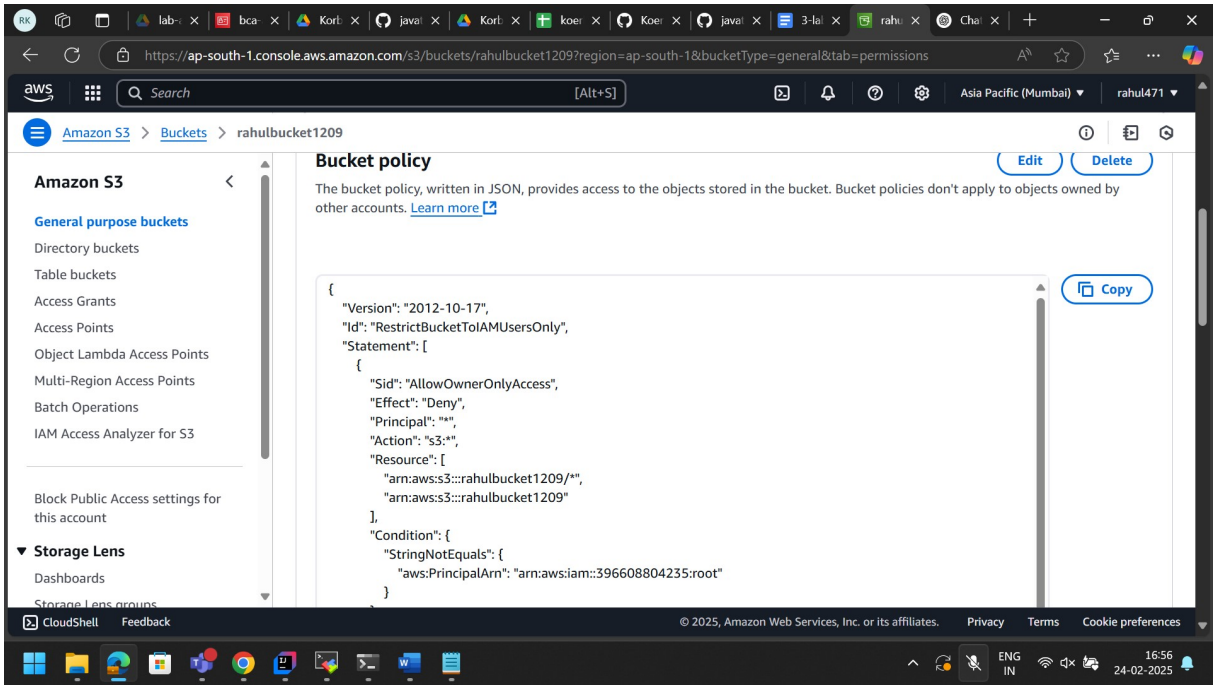


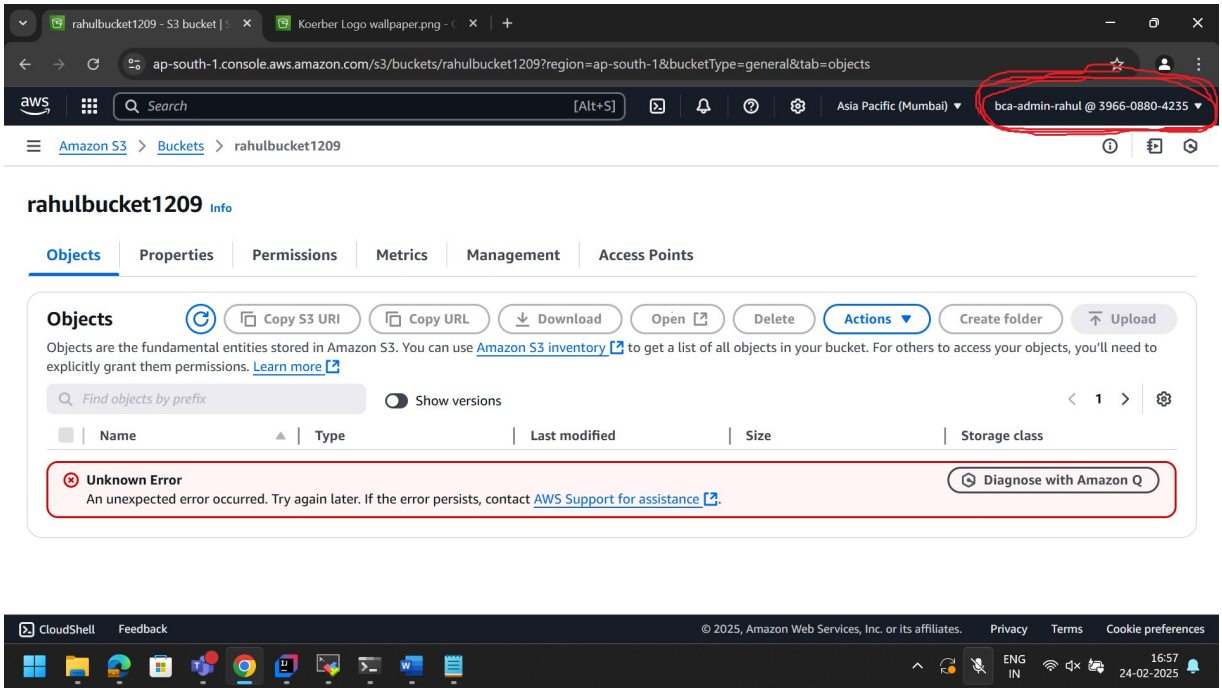


VERSIONING

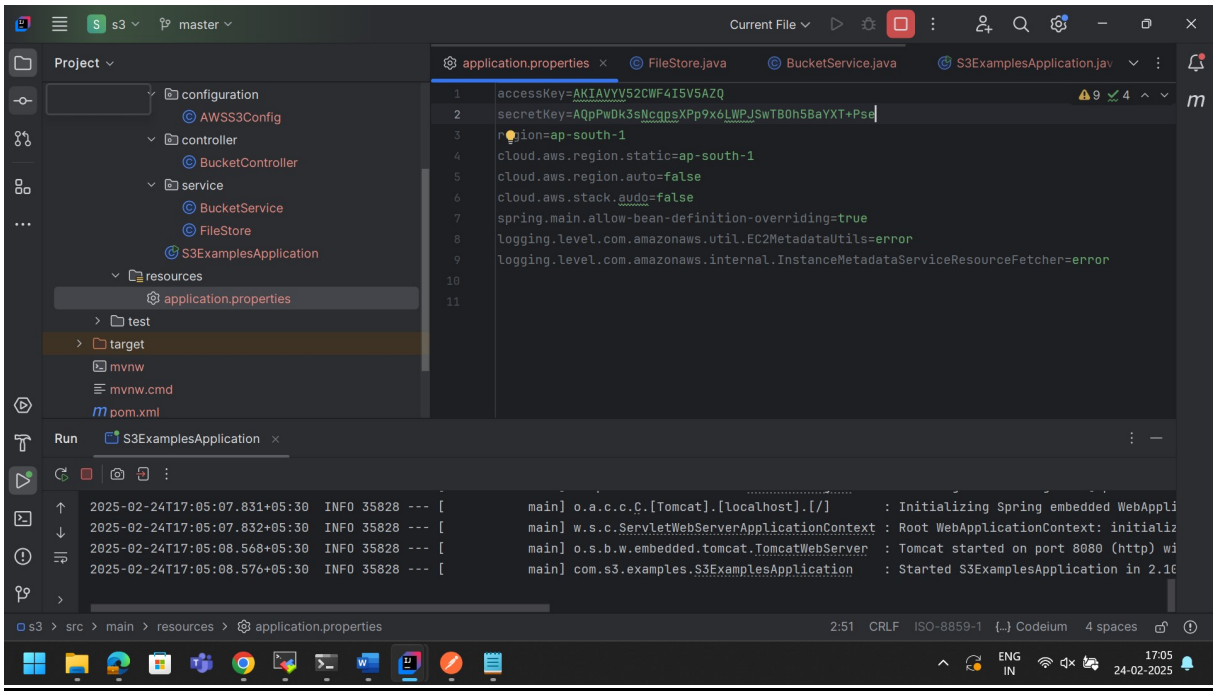


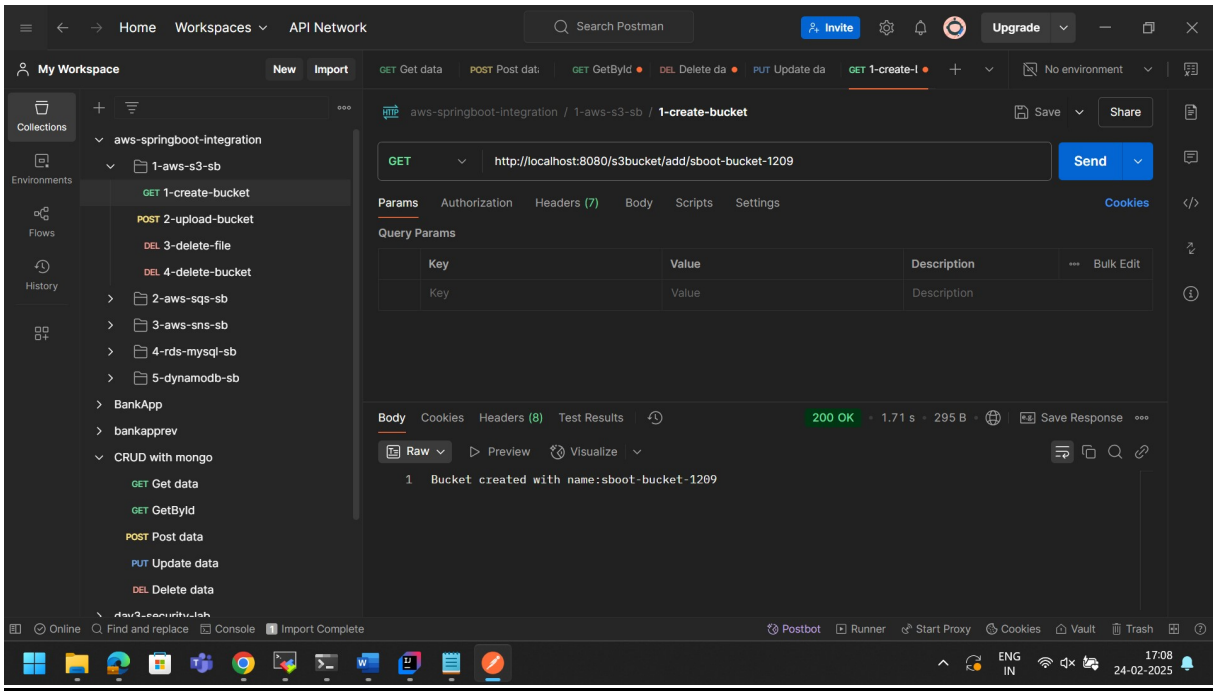
S3 BUCKET POLICY





USING SPRING BOOT APPLICATION




Home
Workspaces
API Network
Search Postman
Invite
Upgrade
My Workspace
New
Import
Collections
Environments
Flows
History
aws-springboot-integration
1-aws-s3-sb
GET 1-create-bucket
POST 2-upload-bucket
DEL 3-delete-file
DEL 4-delete-bucket
2-aws-sqs-sb
3-aws-sns-sb
4-rds-mysql-sb
5-dynamodb-sb
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GET GetById
POST Post data
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DEL Delete data
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Test Results
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Raw
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Visualize
1 Bucket created with name:sboot-bucket-1209
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Find and replace
Console
Import Complete
Postbot
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Start Proxy
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Trash
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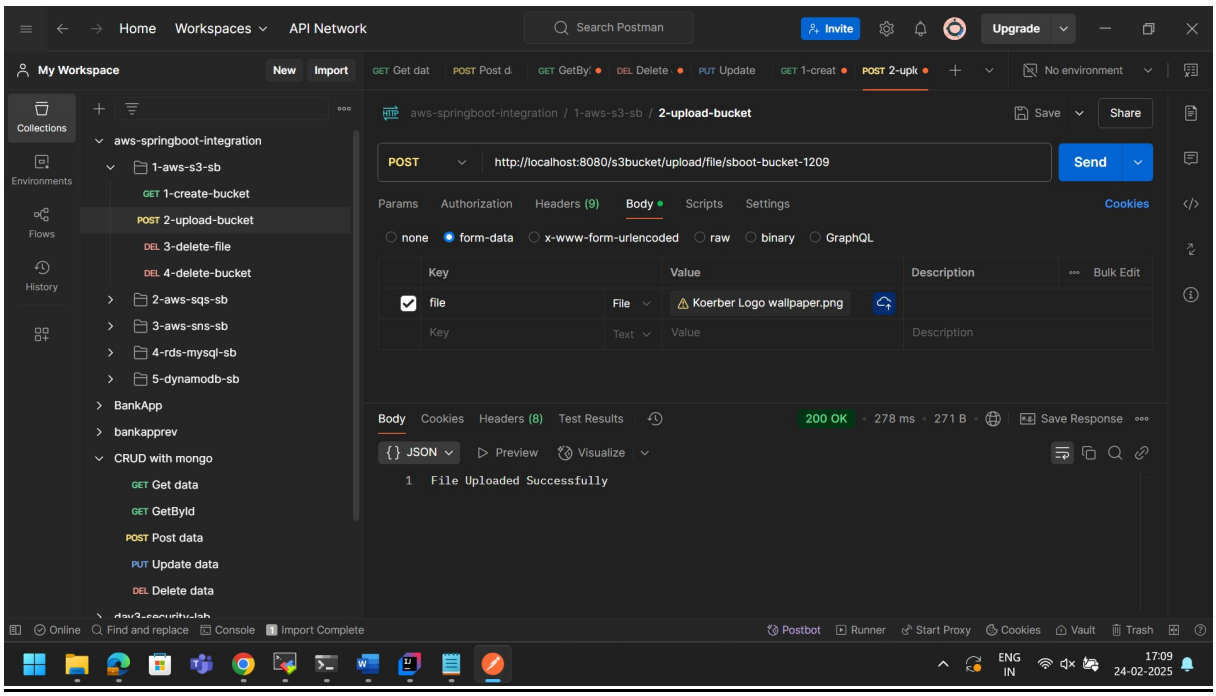
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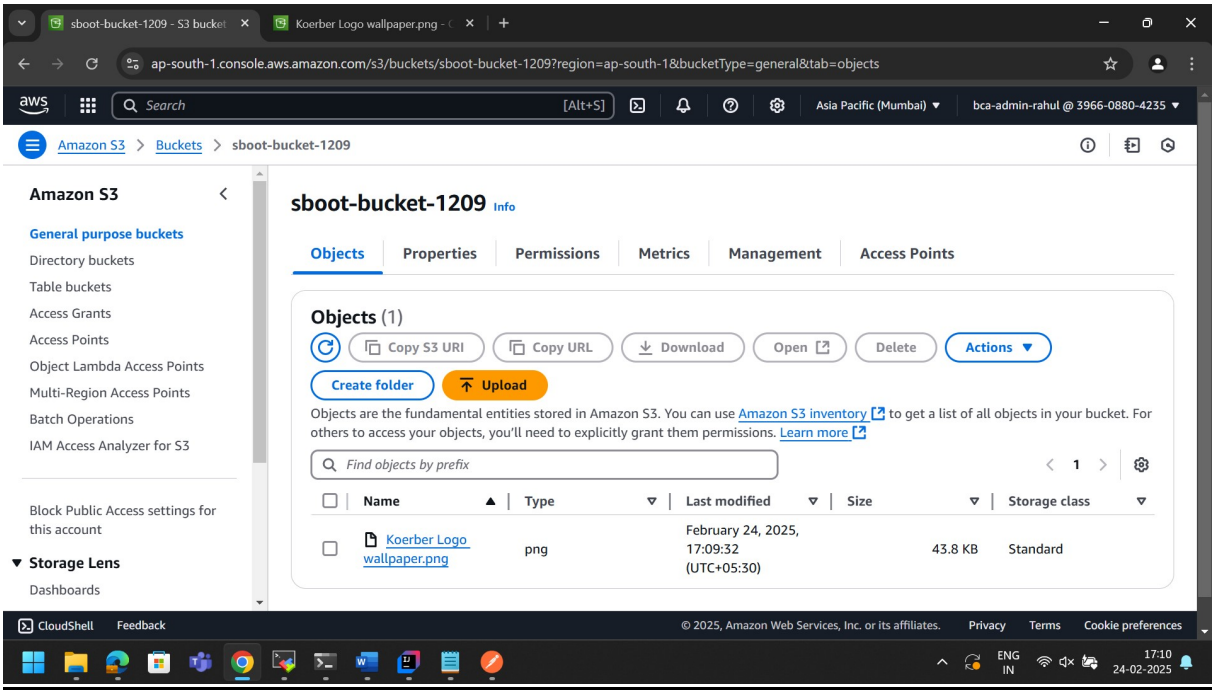
sboot-bucket-1209 - S3 bucket
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ap-south-1.console.aws.amazon.com/s3/buckets/sboot-bucket-1209?region=ap-south-1&bucketType=general&tab=objects
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Amazon S3 > Buckets > sboot-bucket-1209
Amazon S3
General purpose buckets
Directory buckets
Table 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
sboot-bucket-1209 Info
Objects
Properties
Permissions
Metrics
Management
Access Points
Objects (1)
Copy S3 URI
Copy URL
Download
Open
Delete
Actions
Create folder
Upload
Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more
Find objects by prefix
Name
Type
Last modified
Size
Storage class
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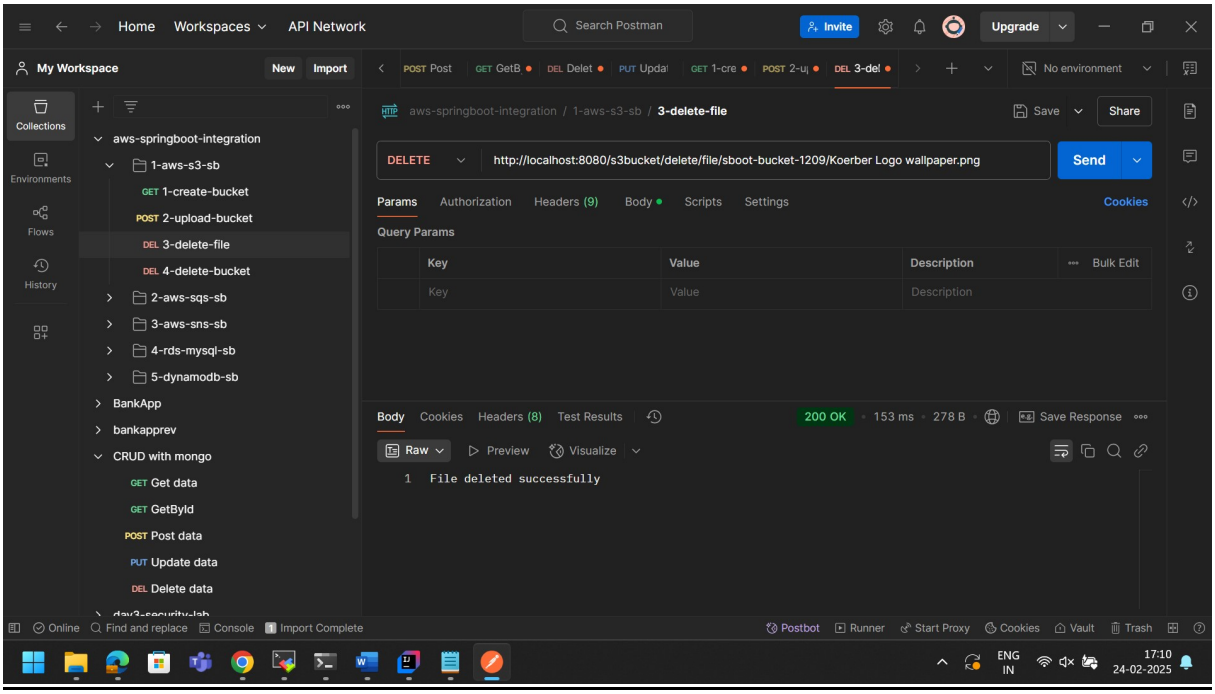
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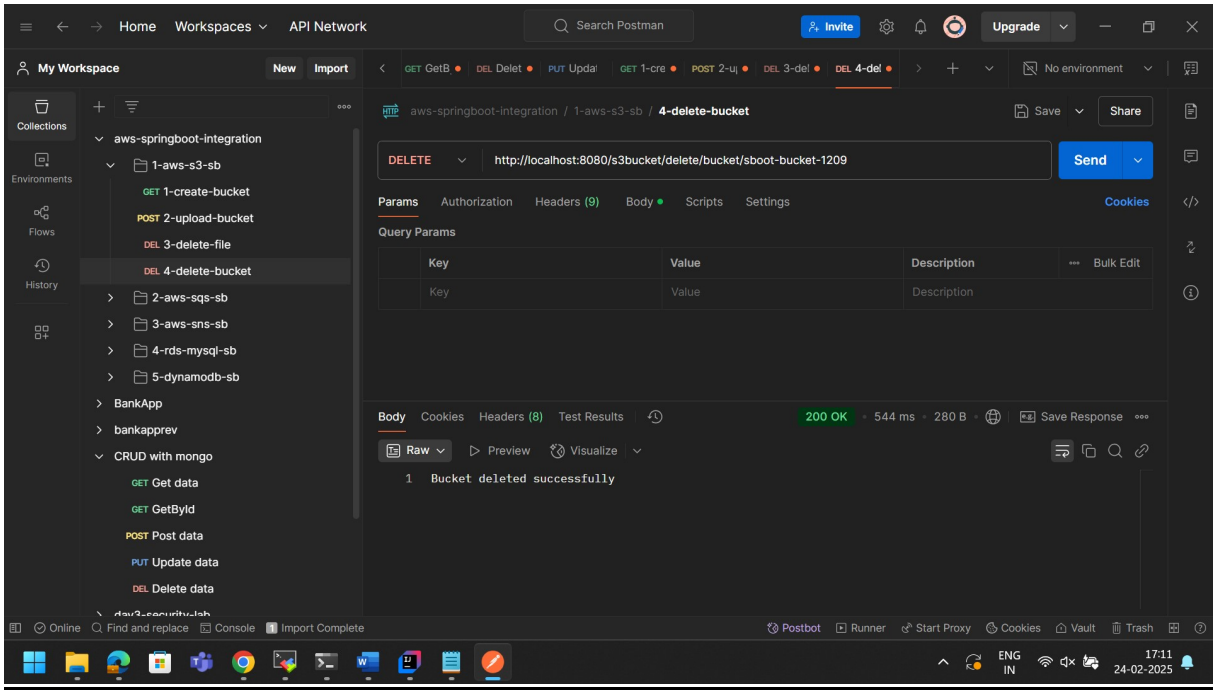
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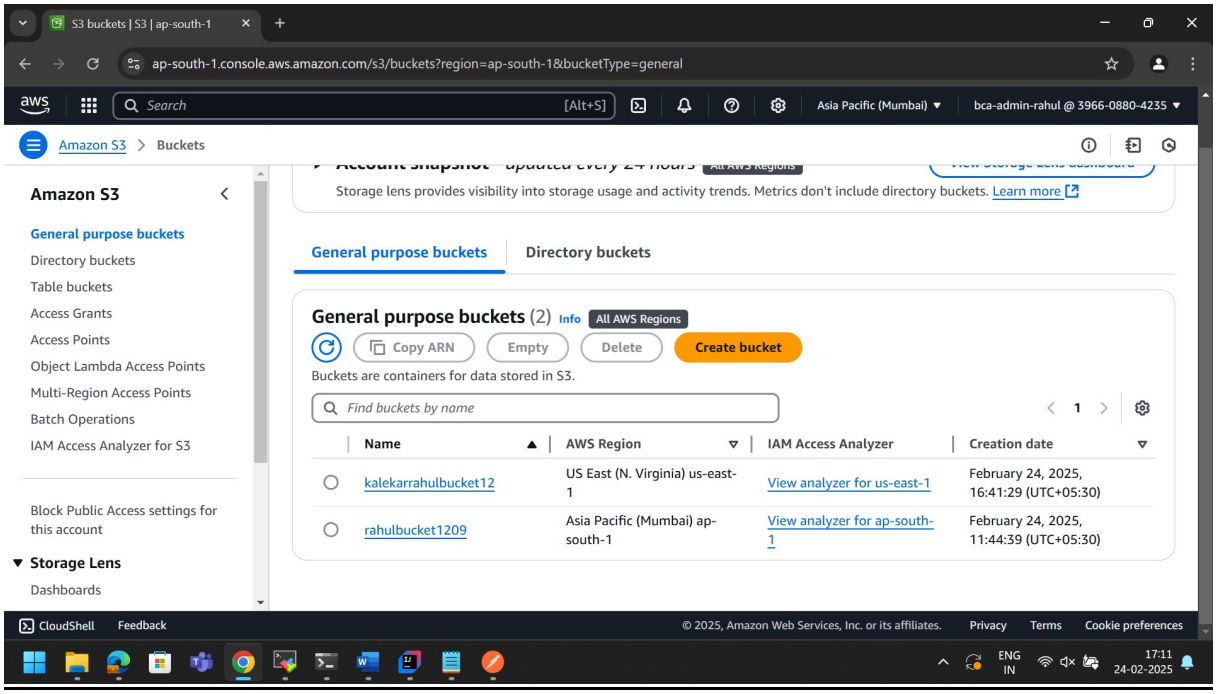
S3 buckets | S3 | ap-south-1
ap-south-1.console.aws.amazon.com/s3/buckets?region=ap-south-1&bucketType=general
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bca-admin-rahul @ 3966-0880-4235
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General purpose buckets
Directory buckets
Table buckets
Access Grants
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Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
Storage lens provides visibility into storage usage and activity trends. Metrics don't include directory buckets. Learn more
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
Name
AWS Region
IAM Access Analyzer
Creation date
kalekarrahulbucket12
US East (N. Virginia) us-east-1
View analyzer for us-east-1
February 24, 2025, 16:41:29 (UTC+05:30)
rahulbucket1209
Asia Pacific (Mumbai) ap-south-1
View analyzer for ap-south-1
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