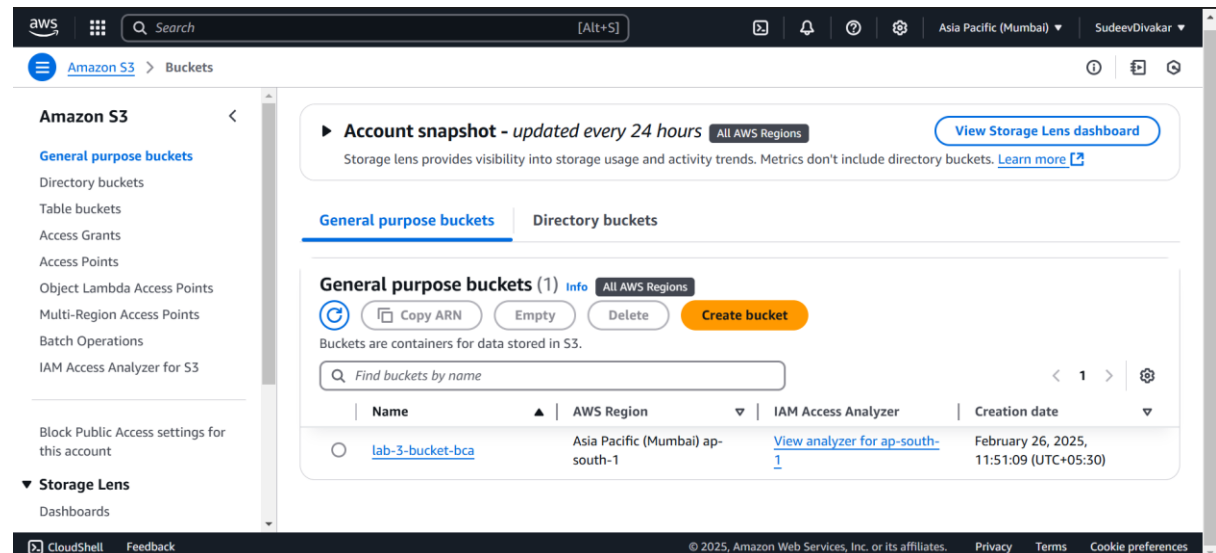
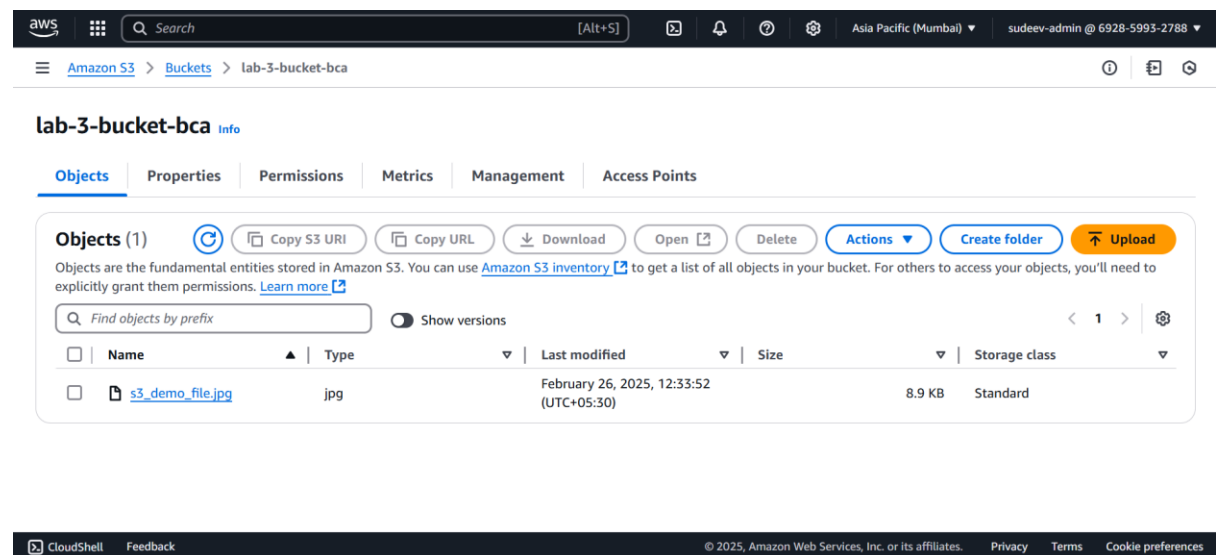


LAB ASSIGNMENTS 3: What is Amazon S3? (CONSOLE)

1. Creating S3 bucket



2. Putting data and applying versioning over it



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Amazon S3 > Buckets > lab-3-bucket-bca > s3_demo_file.jpg

s3_demo_file.jpg Info

[Copy S3 URI](#) [Download](#) [Open](#) [Object actions](#)

Properties | Permissions | **Versions**

Versions (2) [Download](#) [Open](#) [Delete](#) [Actions](#)

<input type="checkbox"/>	Version ID	Type	Last modified	Size	Storage class
<input type="checkbox"/>	kkHDOtW9U89W6ytyw_s... (Current version)	jpg	February 26, 2025, 12:33:52 ...	8.9 KB	Standard
<input type="checkbox"/>	LkfKMMhwU5Q6chSK...	jpg	February 26, 2025, 12:32:58 ...	8.9 KB	Standard

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3. Applying policies

Allowing only root user access to bucket

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Amazon S3 > Buckets > lab-3-bucket-bca > Edit bucket policy

Edit bucket policy Info

[Policy examples](#) [Policy generator](#)

The bucket policy, written in JSON, provides access to the objects stored in the bucket. Bucket policies don't apply to objects owned by other accounts. [Learn more](#)

Bucket ARN
[arn:aws:s3:::lab-3-bucket-bca](#)

Policy

```
1 {
2   "Version": "2012-10-17",
3   "Id": "RestrictBucketToIAMUsersOnly",
4   "Statement": [
5     {
6       "Sid": "AllowOwnerOnlyAccess",
7       "Effect": "Deny",
8       "Principal": "*",
```

[Edit statement](#)

[Select a statement](#)

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

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The screenshot shows the AWS Management Console interface for the 'lab-3-bucket-bca' bucket. The left sidebar contains navigation links for Amazon S3, including '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', and 'Storage Lens'. The main content area is titled 'Bucket policy' and includes an 'Edit' button and a 'Delete' button. A message states: 'Public access is blocked because Block Public Access settings are turned on for this bucket. To determine which settings are turned on, check your Block Public Access settings for this bucket. Learn more about [Amazon S3 Block Public Access](#)'. Below this, a JSON policy is displayed, and a 'Copy' button is available. The footer shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.

Accessing bucket not through root user

The screenshot shows the AWS Management Console interface for the 'lab-3-bucket-bca' bucket, specifically the 'Block public access (bucket settings)' page. The left sidebar is the same as in the previous screenshot. The main content area is titled 'Block public access (bucket settings)' and includes an 'Edit' button. A message states: 'You don't have permission to view the Block public access (bucket settings) configuration. You need s3:GetAccountPublicAccessBlock to view the Block public access (bucket settings) configuration. Learn more about [Identity and access management in Amazon S3](#)'. Below this, there is a 'Diagnose with Amazon Q' button and a section for 'API response'. The 'Bucket policy' section is also visible at the bottom, showing a message: 'You don't have permission to get bucket policy. You or your AWS administrator must update your IAM permissions to allow s3:GetBucketPolicy. After you obtain the necessary permission, refresh the page. Learn more.' The footer shows 'CloudShell', 'Feedback', and copyright information for Amazon Web Services, Inc. or its affiliates.