

Lab Assignment 10

AWS S3 Bucket

Task-1: Create a S3 bucket.

The screenshot shows the AWS Management Console interface. At the top, there's a navigation bar with the AWS logo, 'Services' dropdown, a search bar, and user information. A green banner at the top of the console area says 'Successfully created bucket "s3-bucket-lab10"' with a 'View details' button. The left sidebar shows the 'Amazon S3' menu with options like Buckets, Access Points, Object Lambda Access Points, Batch Operations, Access analyzer for S3, Storage Lens, Dashboards, and AWS Organizations settings. The main content area is titled 'Amazon S3' and shows a 'Buckets (2)' section. It includes a 'Create bucket' button and a table of existing buckets.

Name	AWS Region	Access	Creation date
cf-templates-6diwj0pcl7a-ap-south-1	Asia Pacific (Mumbai) ap-south-1	Objects can be public	April 7, 2021, 17:18:14 (UTC+05:30)
s3-bucket-lab10	Asia Pacific (Mumbai) ap-south-1	Bucket and objects not public	April 16, 2021, 22:48:15 (UTC+05:30)

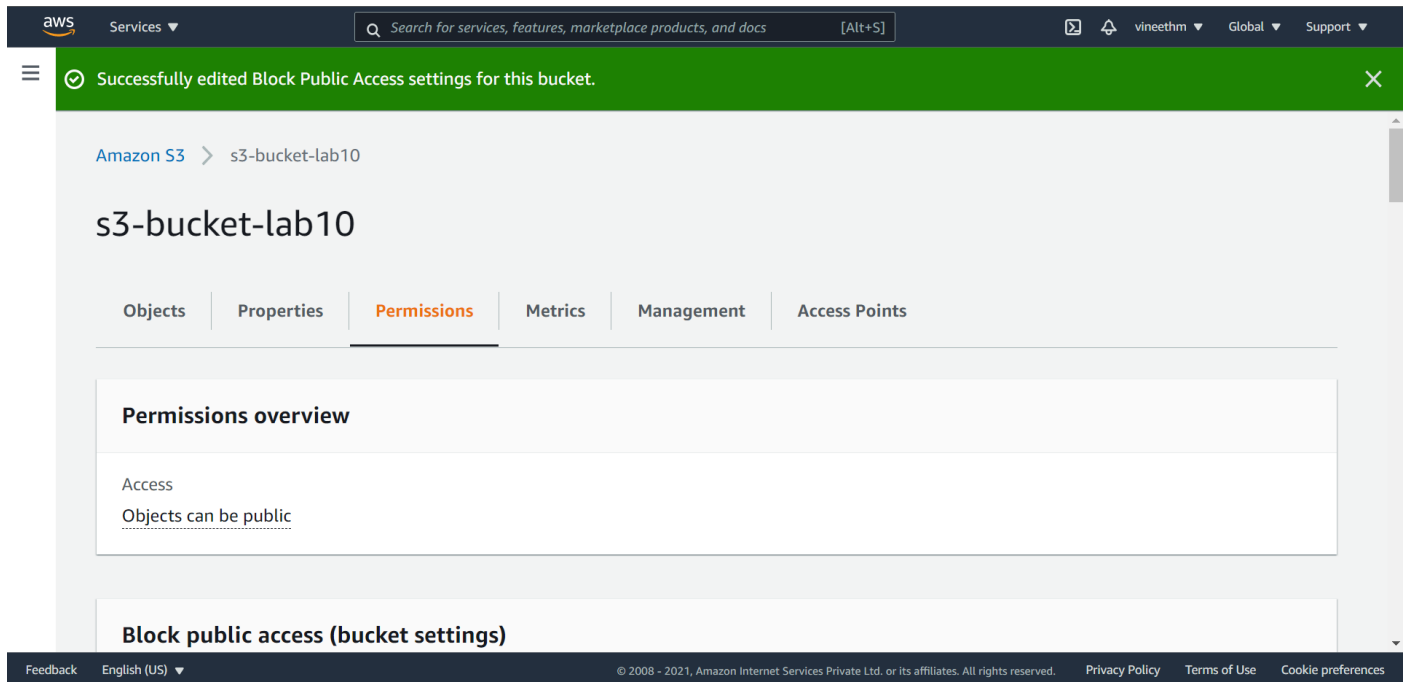
Task-2: Upload text file into your bucket.

The screenshot shows the 'Upload: status' page in the AWS Management Console. A green banner at the top says 'Upload succeeded' with a 'View details below' link. The main content area has a 'Summary' section with a table showing the upload results.

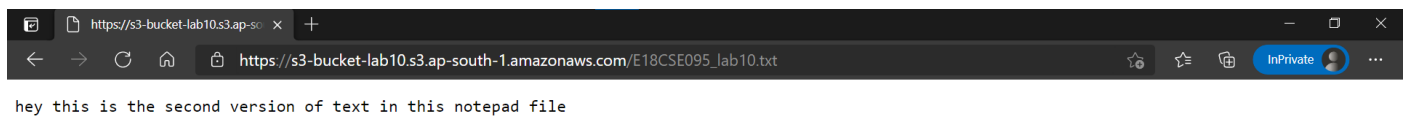
Destination	Succeeded	Failed
s3://s3-bucket-lab10	✔ 1 file, 58.0 B (100.00%)	✘ 0 files, 0 B (0%)

Below the summary, there are tabs for 'Files and folders' and 'Configuration'.

Task-3: Change permission of the uploaded object by making it public access.



Task-4: Make few changes in the content of the file and upload it again.



Task-5: Enable versioning of S3 bucket.

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☑ **Successfully edited Bucket Versioning for "s3-bucket-lab10"**
To transition, archive, or delete older object versions, [configure lifecycle rules](#) for this bucket.

Amazon S3 > s3-bucket-lab10 > E18CSE095_lab10.txt

E18CSE095_lab10.txt Copy S3 URI Object actions ▼

Properties | Permissions | **Versions**

Versions (0) Delete Actions ▼

< 1 ... >

	Version ID	Type	Last modified	Size	Storage class
No versions					

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Task-6: Find both files in the S3 bucket.

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☰ **Objects** | Properties | Permissions | Metrics | Management | Access Points

Objects (2)
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](#)

Refresh Delete Actions ▼ Create folder Upload

List versions < 1 > ⚙️

<input type="checkbox"/>	Name ▲	Type	Version ID	Last modified	Size	Storage class
<input type="checkbox"/>	E18CSE095_lab10.txt	txt	Zr8miC5NkRU5IkMvYTLmhjftczJrS4QC	April 16, 2021, 22:57:30 (UTC+05:30)	58.0 B	Standard
<input type="checkbox"/>	E18CSE095_lab10.txt	txt	null	April 16, 2021, 22:54:34 (UTC+05:30)	59.0 B	Standard

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Task-7: Delete the latest file and try to recover it.

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Successfully deleted objects
View details below.

Source s3://s3-bucket-lab10	Successfully deleted ✔ 1 object, 58.0 B	Failed to delete 0 objects
--	--	-------------------------------

Failed to delete | Configuration

⊗ Failed to delete (0)

< 1 >

Name ▲	Folder ▼	Version ID ▼	Type ▼	Last modified ▼	Size ▼	Error ▼
No objects failed to delete.						

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Task-8: Show all the versions of the file.

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Objects (3)

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](#)

☒ List versions < 1 > ⚙️

<input type="checkbox"/>	Name ▲	Type	Version ID	Last modified	Size	Storage class
<input type="checkbox"/>	E18CSE095_lab10.txt	Delete marker	zkz9nhQG0XUoD_ljAC5WYBNWGRdZaiWG	April 16, 2021, 23:15:33 (UTC+05:30)	0 B	-
<input type="checkbox"/>	E18CSE095_lab10.txt	txt	8d9M8yYbrKYN6LZhXdrzw1kiV8d8tyvS	April 16, 2021, 23:12:10 (UTC+05:30)	58.0 B	Standard
<input type="checkbox"/>	E18CSE095_lab10.txt	txt	oJBQbiNsunr68z17XVhT_hh8u0cLgflX	April 16, 2021, 23:06:05 (UTC+05:30)	59.0 B	Standard

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Task-9: Perform Cross Region Replication of S3 bucket.

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Amazon S3

Buckets

Access Points

Object Lambda Access Points

Batch Operations

Access analyzer for S3

Block Public Access settings for this account

Storage Lens

Dashboards

AWS Organizations settings

Successfully created bucket "s3-bucket-lab10-replica"

To upload files and folders, or to configure additional bucket settings choose [View details](#).

Amazon S3

Buckets (3)

Buckets are containers for data stored in S3. [Learn more](#)

Refresh

Copy ARN

Empty

Delete

Create bucket

Find buckets by name

	Name ▲	AWS Region ▼	Access ▼	Creation date ▼
<input type="radio"/>	cf-templates-6diwj0pcl7a-ap-south-1	Asia Pacific (Mumbai) ap-south-1	Objects can be public	April 7, 2021, 17:18:14 (UTC+05:30)
<input type="radio"/>	s3-bucket-lab10	Asia Pacific (Mumbai) ap-south-1	Objects can be public	April 16, 2021, 22:48:15 (UTC+05:30)
<input type="radio"/>	s3-bucket-lab10-replica	Asia Pacific (Mumbai) ap-south-1	Objects can be public	April 16, 2021, 23:22:59 (UTC+05:30)

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Replication configuration successfully updated

Press the refresh button if changes to the configuration are not displayed.

Amazon S3 > s3-bucket-lab10 > Replication rules

Replication rules

Replication enables automatic and asynchronous copying of objects across buckets in the same or different AWS Regions. A replication configuration is a set of rules that define what options should be applied to a group of objects during replication.

Replication configuration settings

Configuration settings affect all replication rules in the bucket.

Source bucket

s3-bucket-lab10

Source Region

Asia Pacific (Mumbai) ap-south-1

IAM role

[aws-service-role/autoscaling.amazonaws.com/AWSServiceRoleForAutoScaling](#)

Edit

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Task-10: Perform S3 bucket configure Life Cycle Management of your data.

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  **The lifecycle configuration was updated. Lifecycle rule "Lifecycle-lab10" was successfully added.**
It may take some time for the configuration to be updated. Press the refresh button if changes to the rule are not displayed. [Amazon S3](#) > [s3-bucket-lab10](#) > Lifecycle configuration

Lifecycle rules (1)

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](#) 

 [View details](#) [Edit](#) [Delete](#) [Actions ▾](#) [Create lifecycle rule](#)



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