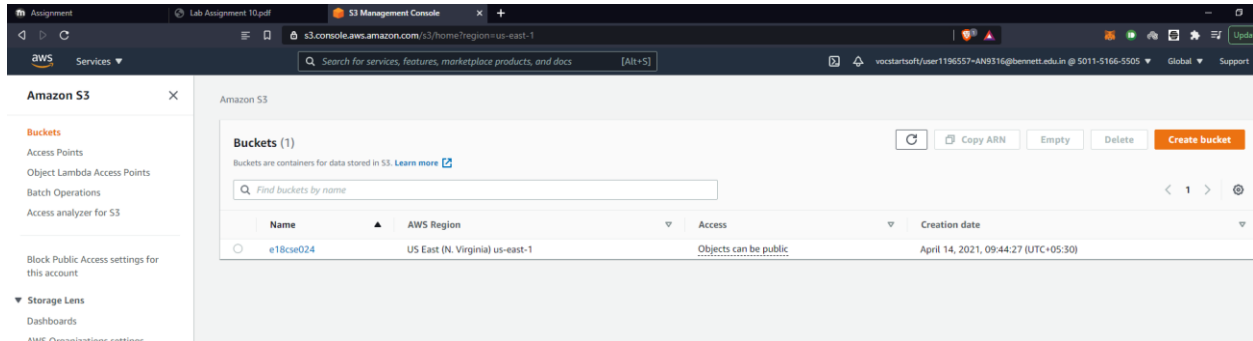


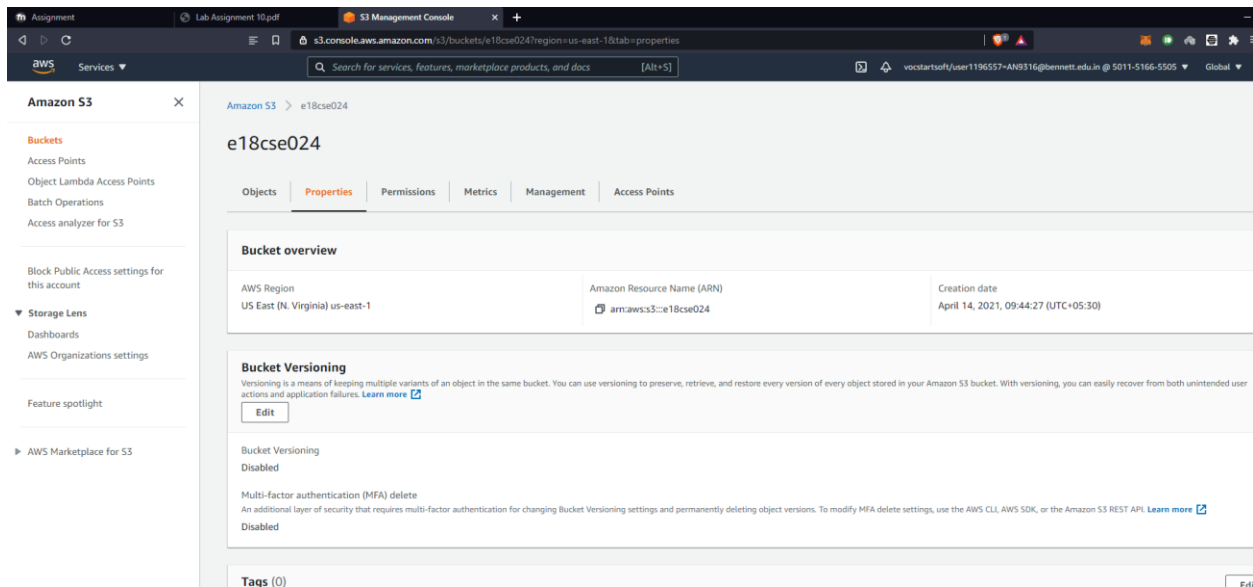
Cloud Computing – Lab 10

Anudit Nagar – E18CSE024

Task 1 – Create S3 bucket



Task 2 – Explore bucket properties



Task 3 – Upload file.

The screenshot shows the AWS S3 Management Console 'Upload' page for bucket 'e18cse024'. The page title is 'Upload'. Below the title, it says 'Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. [Learn more](#)'. There is a dashed box with the text 'Drag and drop files and folders you want to upload here, or choose **Add files**, or **Add folders**.' Below this, there is a section 'Files and folders (1 Total, 3.0 B)' with buttons 'Remove', 'Add files', and 'Add folder'. A table shows the files to be uploaded:

<input checked="" type="checkbox"/>	Name	Folder	Type	Size
<input checked="" type="checkbox"/>	E18CSE024_lab10.txt	-	text/plain	3.0 B

Below the table is a 'Destination' section with the text 'Destination s3://e18cse024' and 'Destination details The following bucket settings impact new objects stored in the specified destination.'

Task 4 – Upload file.

The screenshot shows the AWS S3 Management Console 'Objects' page for bucket 'e18cse024'. The page title is 'e18cse024'. Below the title, there are tabs: 'Objects', 'Properties', 'Permissions', 'Metrics', 'Management', and 'Access Points'. The 'Objects' tab is selected. Below the tabs, it says 'Objects (1)' and '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](#)'. There are buttons: 'Delete', 'Actions', 'Create folder', and 'Upload'. Below these buttons is a search bar 'Find objects by prefix'. Below the search bar is a table showing the objects:

<input type="checkbox"/>	Name	Type	Last modified	Size
<input type="checkbox"/>	E18CSE024_lab10.txt	txt	April 14, 2021, 09:58:24 (UTC+05:30)	3.0 B

Task 5 – Make file public.

The screenshot shows the AWS S3 console interface. The breadcrumb trail is "Amazon S3 > e18cse024 > Make public". The main heading is "Make public". Below it, a warning message states: "When public read access is enabled and not blocked by Block Public Access settings, anyone in the world can access the specified objects." A section titled "Specified objects" contains a search bar and a table with one object:

Name	Type	Last modified	Size
E18CSE024_lab10.txt	txt	April 14, 2021, 09:58:24 (UTC+05:30)	3.0 B

At the bottom of the table are "Cancel" and "Make public" buttons.

Task 5 – Check public access.

The screenshot shows the AWS S3 console interface for the object "E18CSE024_lab10.txt". The breadcrumb trail is "Amazon S3 > e18cse024 > E18CSE024_lab10.txt". The "Permissions" tab is selected. The "Access control list (ACL)" section shows the following permissions:

Grantee	Object	Object ACL
Object owner Canonical ID: d7cd81a4fd127dcb840cc36f181080d0439cf0ca1ee9b020b43a5d54518257	Read	Read, Write
Everyone (public access) Group: http://acs.amazonaws.com/groups/global/AllUsers	Read	-

Task 6 – Make few changes and upload file.

The screenshot shows the AWS S3 Management Console interface. At the top, a green banner indicates "Upload succeeded" with a link to "View details below." Below this, the "Upload: status" section contains a summary of the upload. The summary shows the destination as "s3://e18cse024", the upload status as "Succeeded" with "1 file, 12.0 B (100.00%)", and a "Failed" status with "0 files, 0 B (0%)". Below the summary, there are two tabs: "Files and folders" (selected) and "Configuration". The "Files and folders" tab shows a list of files and folders. The list has a search bar and a table with columns: Name, Folder, Type, Size, Status, and Error. The table contains one entry: "E18CSE024_lab10.txt" in the "Name" column, "-" in the "Folder" column, "text/plain" in the "Type" column, "12.0 B" in the "Size" column, "Succeeded" in the "Status" column, and "-" in the "Error" column.

Upload: status

The information below will no longer be available after you navigate away from this page.

Summary

Destination: s3://e18cse024

Succeeded: 1 file, 12.0 B (100.00%)

Failed: 0 files, 0 B (0%)

Files and folders | Configuration

Files and folders (1 Total, 12.0 B)

Find by name

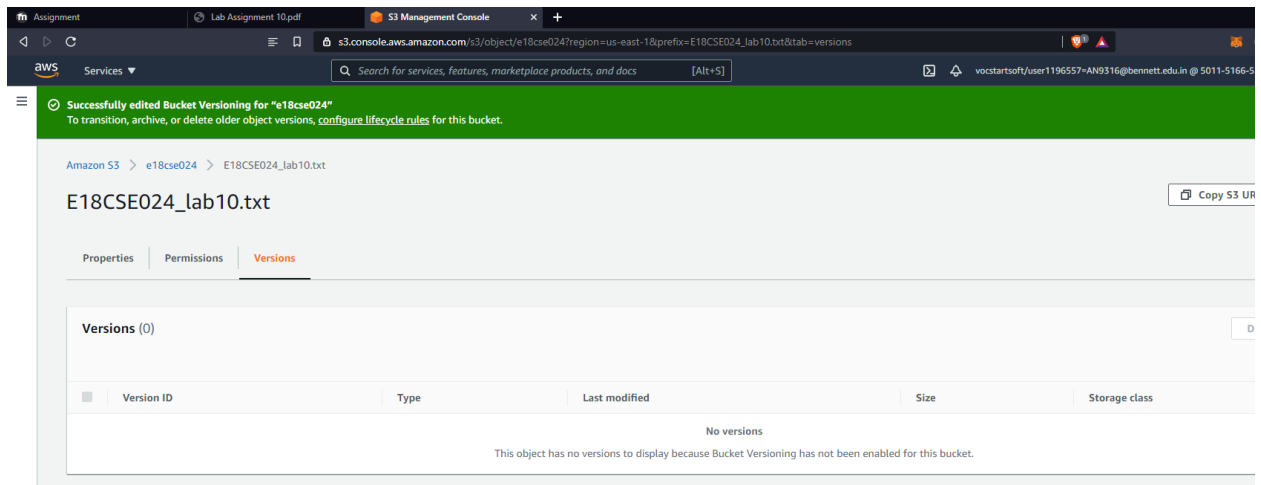
Name	Folder	Type	Size	Status	Error
E18CSE024_lab10.txt	-	text/plain	12.0 B	Succeeded	-

Task 8 – Check the updated file.

The screenshot shows a web browser window with the address bar displaying the URL "https://e18cse024.s3.amazonaws.com/E18CSE024_lab10.txt". The browser tabs show "Assignment", "Lab Assignment 10.pdf", and the current tab. The page content shows "file updated".

file updated

Task 9 – Enable versioning of S3 bucket.



Assignment Lab Assignment 10.pdf S3 Management Console

s3.console.aws.amazon.com/s3/object/e18cse024?region=us-east-1&prefix=E18CSE024_lab10.txt&tab=versions

Search for services, features, marketplace products, and docs [Alt+S]

vocstartsoft/user1196557~AN9316@bennett.edu.in @ 5011-5166-5

Successfully edited Bucket Versioning for "e18cse024"
To transition, archive, or delete older object versions, [configure lifecycle rules](#) for this bucket.

Amazon S3 > e18cse024 > E18CSE024_lab10.txt

E18CSE024_lab10.txt [Copy S3 UR](#)

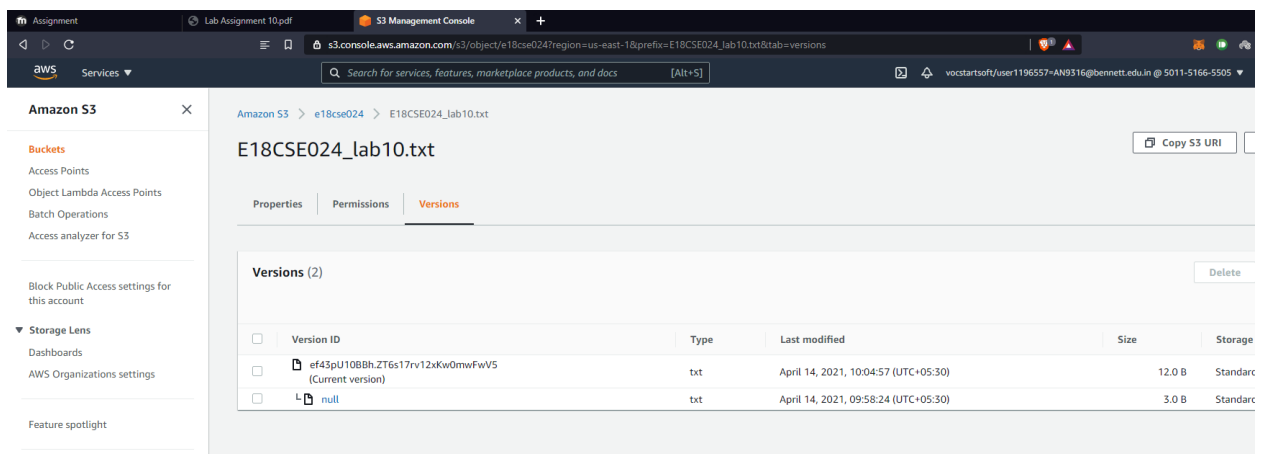
Properties Permissions **Versions**

Versions (0) [D](#)

Version ID	Type	Last modified	Size	Storage class
No versions				

This object has no versions to display because Bucket Versioning has not been enabled for this bucket.

Task 10 – Find both the files in the S3 bucket.



Assignment Lab Assignment 10.pdf S3 Management Console

s3.console.aws.amazon.com/s3/object/e18cse024?region=us-east-1&prefix=E18CSE024_lab10.txt&tab=versions

Search for services, features, marketplace products, and docs [Alt+S]

vocstartsoft/user1196557~AN9316@bennett.edu.in @ 5011-5166-5505

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

Feature spotlight

Amazon S3 > e18cse024 > E18CSE024_lab10.txt

E18CSE024_lab10.txt [Copy S3 URI](#)

Properties Permissions **Versions**

Versions (2) [Delete](#)

Version ID	Type	Last modified	Size	Storage
<input type="checkbox"/> ef43pU108Bh.ZT6s17rv12xKw0mwFwV5 (Current version)	txt	April 14, 2021, 10:04:57 (UTC+05:30)	12.0 B	Standarc
<input type="checkbox"/> null	txt	April 14, 2021, 09:58:24 (UTC+05:30)	3.0 B	Standarc

Task 11 – Delete file

The screenshot shows the AWS S3 Management Console interface for the bucket 'e18cse024'. The 'Delete objects' page is active. A blue information box at the top states: 'Deleting the specified objects adds delete markers to them. If you need to undo the delete action, you can delete the delete markers. Learn more'. Below this, the 'Specified objects' section shows a search bar and a table with one object: 'E18CSE024_lab10.txt' (txt, 12.0 B, last modified April 14, 2021, 10:04:57 UTC+05:30). The 'Delete objects?' section contains a confirmation prompt: 'To confirm deletion, type delete in the text input field.' with a text box containing the word 'delete'. At the bottom are 'Cancel' and 'Delete objects' buttons.

Amazon S3 > e18cse024 > Delete objects

Delete objects

Deleting the specified objects adds delete markers to them
If you need to undo the delete action, you can delete the delete markers. [Learn more](#)

Specified objects

Find objects by name < 1 >

Name	Type	Last modified	Size
E18CSE024_lab10.txt	txt	April 14, 2021, 10:04:57 (UTC+05:30)	12.0 B

Delete objects?

To confirm deletion, type delete in the text input field.

delete

Cancel Delete objects

Task 12 – Show all the versions

The screenshot shows the AWS S3 Management Console interface for the bucket 'e18cse024'. The 'Objects' tab is selected. The page title is 'e18cse024'. Below the navigation tabs (Objects, Properties, Permissions, Metrics, Management, Access Points), the 'Objects (4)' section is displayed. It includes a search bar, buttons for 'Delete', 'Actions', 'Create folder', and 'Upload', and a 'List versions' toggle which is turned on. The table below shows four objects, including a delete marker and two versions of 'E18CSE024_lab10.txt'.

Amazon S3 > e18cse024

e18cse024

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

Objects (4)

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 List versions

Name	Type	Version ID	Last modified	Size	Storage class
E18CSE024_lab10.txt	txt	XeVhXzjBwX3szHYsk8JaRxUKrNBRAzv	April 14, 2021, 10:13:27 (UTC+05:30)	12.0 B	Standard
E18CSE024_lab10.txt	Delete marker	vEMggzHzZzdV8eurDCquRej3cviV9g9	April 14, 2021, 10:12:29 (UTC+05:30)	0 B	-
E18CSE024_lab10.txt	txt	ef43pU100Bh.ZT6s17rv12xkw0mwFwV5	April 14, 2021, 10:04:57 (UTC+05:30)	12.0 B	Standard
E18CSE024_lab10.txt	txt	null	April 14, 2021, 09:58:24 (UTC+05:30)	3.0 B	Standard

Task 13 – Perform cross region replication

The screenshot shows the AWS S3 Management Console interface for creating a replication rule. The breadcrumb navigation at the top reads: Amazon S3 > e18cse024 > Replication rules > Create replication rule. The main heading is 'Create replication rule'. Below it is a 'Replication rule configuration' section with three fields: 'Replication rule name' (with a placeholder 'Enter rule ID' and a note 'Up to 255 characters.'), 'Status' (with radio buttons for 'Enabled' (selected) and 'Disabled'), and 'Priority' (with a note 'The priority value resolves conflicts that occur when an object is eligible for replication under multiple rules to the same destination. The rule is added to the configuration at the highest priority and the priority can be changed on the replication rules table.' and a value of '0'). Below this is a 'Source bucket' section with a 'Source bucket name' field containing the value 'e18cse024'.

Task 14 – Configure lifecycle management

The screenshot shows the AWS S3 Management Console interface for creating a lifecycle rule. The breadcrumb navigation at the top reads: Amazon S3 > e18cse024 > Lifecycle configuration > Create lifecycle rule. The main heading is 'Create lifecycle rule'. Below it is a 'Lifecycle rule configuration' section with three fields: 'Lifecycle rule name' (with a placeholder 'Enter rule name' and a note 'Up to 255 characters.'), 'Choose a rule scope' (with radio buttons for 'Limit the scope of this rule using one or more filters' (selected) and 'This rule applies to all objects in the bucket'), and 'Filter type' (with a note 'You can filter objects by prefix, object tags, or a combination of both.'). Under 'Filter type', there is a 'Prefix' section with a note 'Add filter to limit the scope of this rule to a single prefix.' and a field 'Enter prefix'. Below that is an 'Object tags' section with a note 'You can limit the scope of this rule to the key/value pairs added below.'.