

Overview of STaaS in AWS (S3):

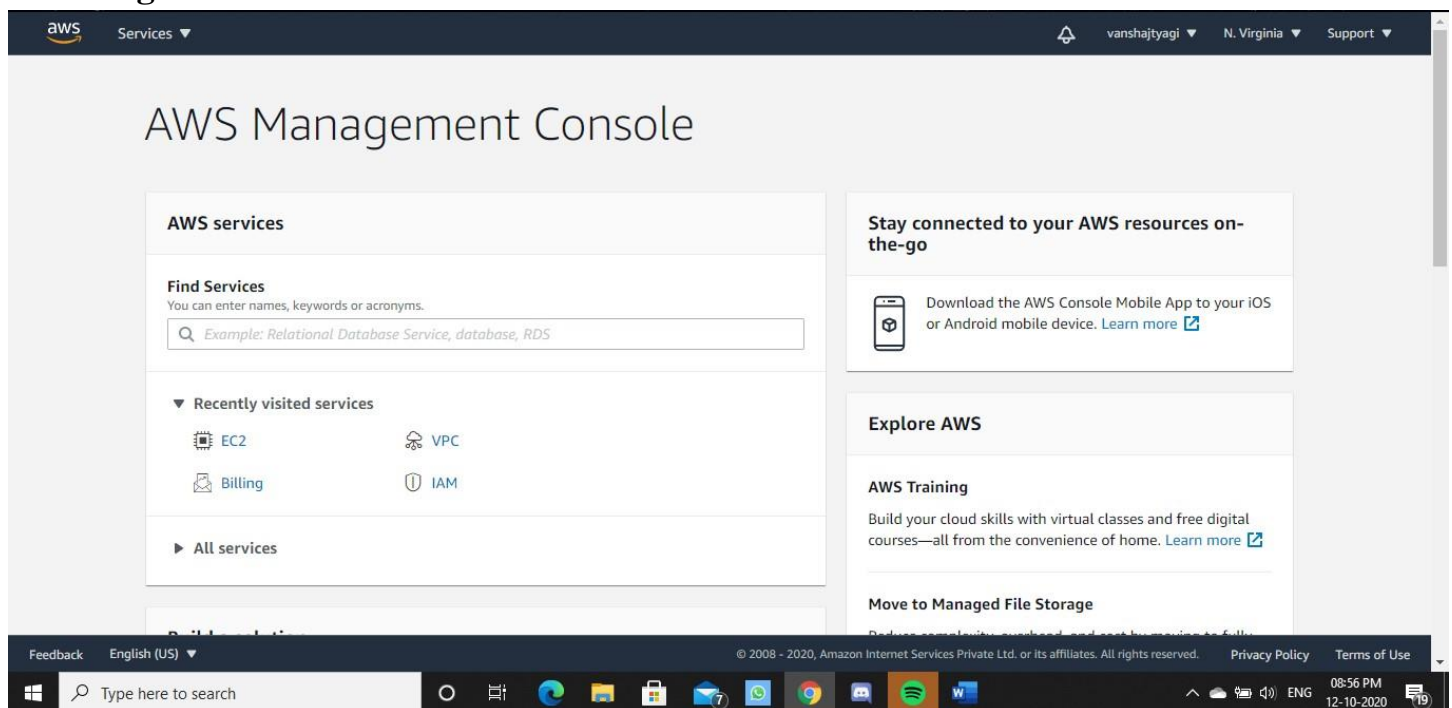
Storage as a Service (**STaaS**) is a cloud computing model in which subscribers can rent storage from cloud providers. The service is mainly used to solve storage issues and offsite backup challenges. Storage is rented out on subscription (monthly, yearly or space) basis.

1. Tasks to be done:

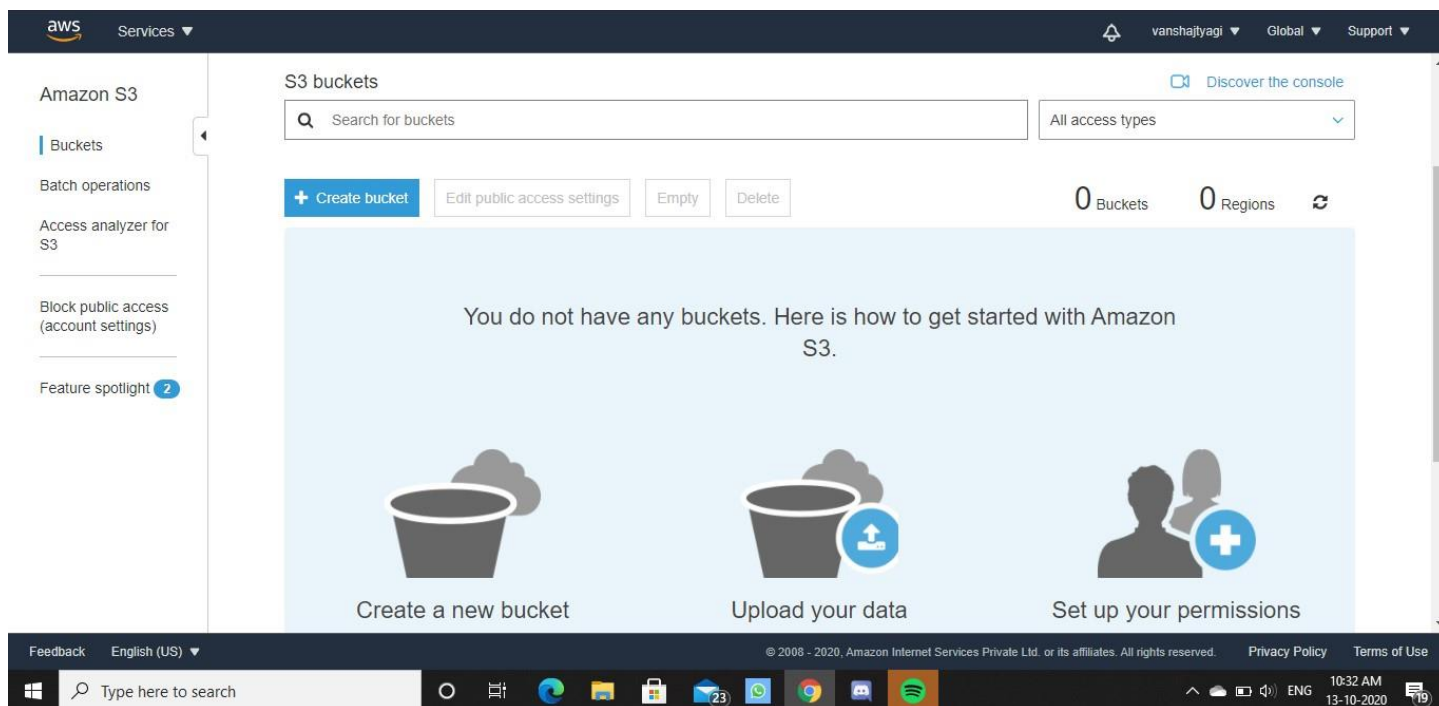
- In AWS use a service besides EC2, **S3** is used for storage my making buckets

2. Steps for practical: (Mention the steps for each and every task)

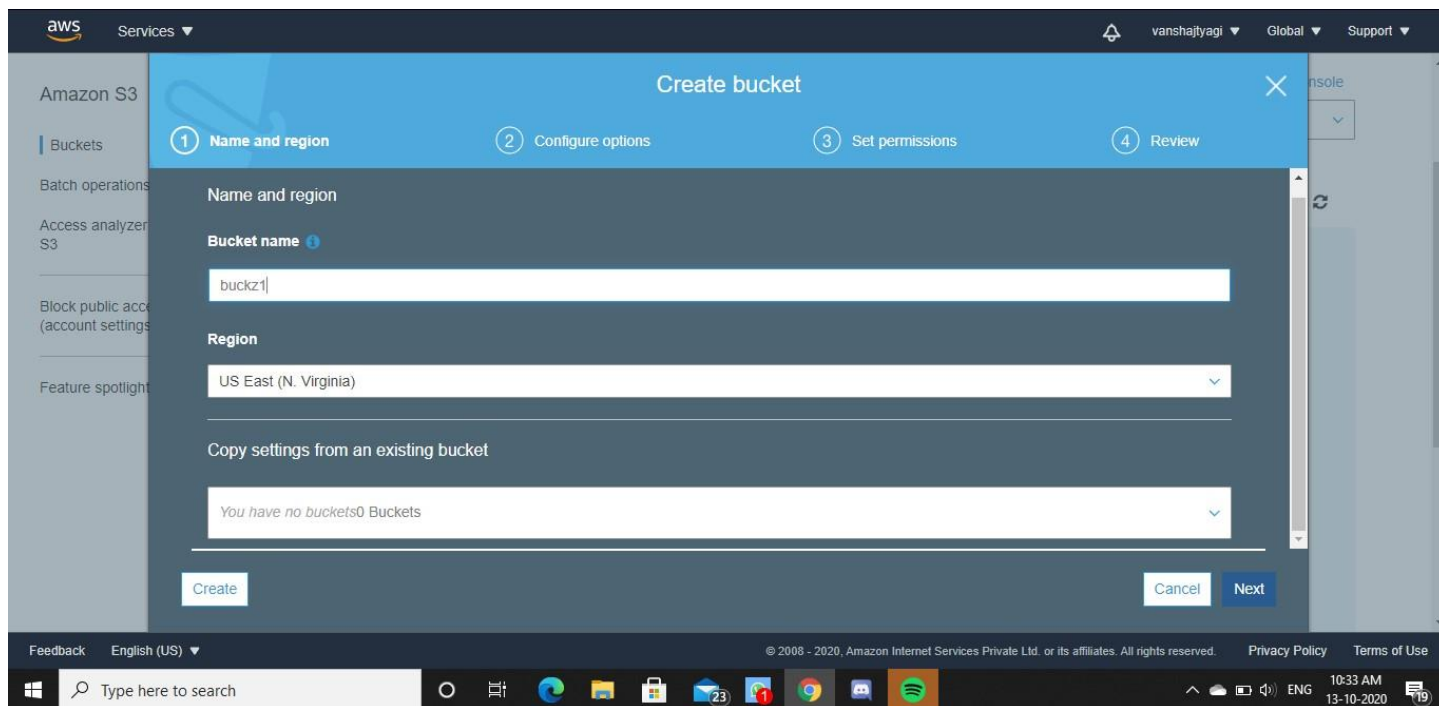
1. Login to AWS console

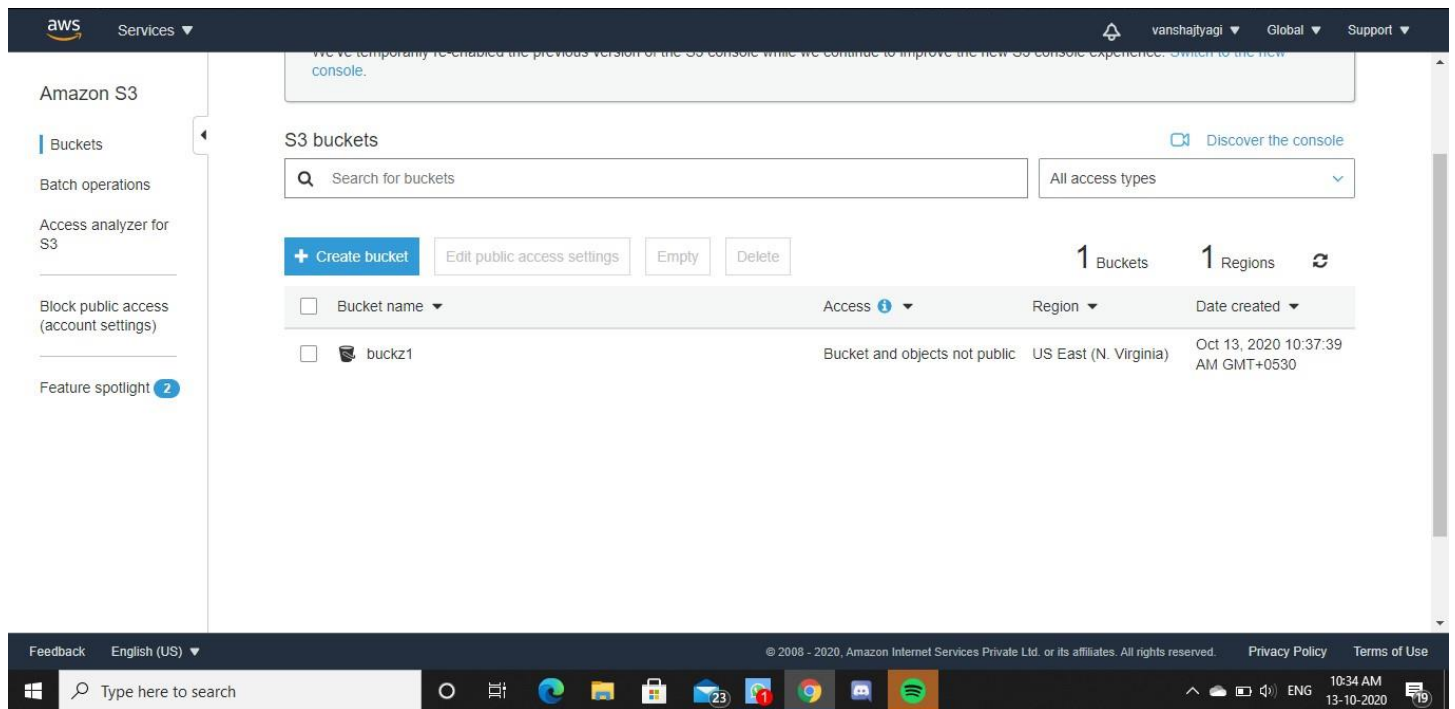


2. Search in service for S3 ,select and create bucket one.

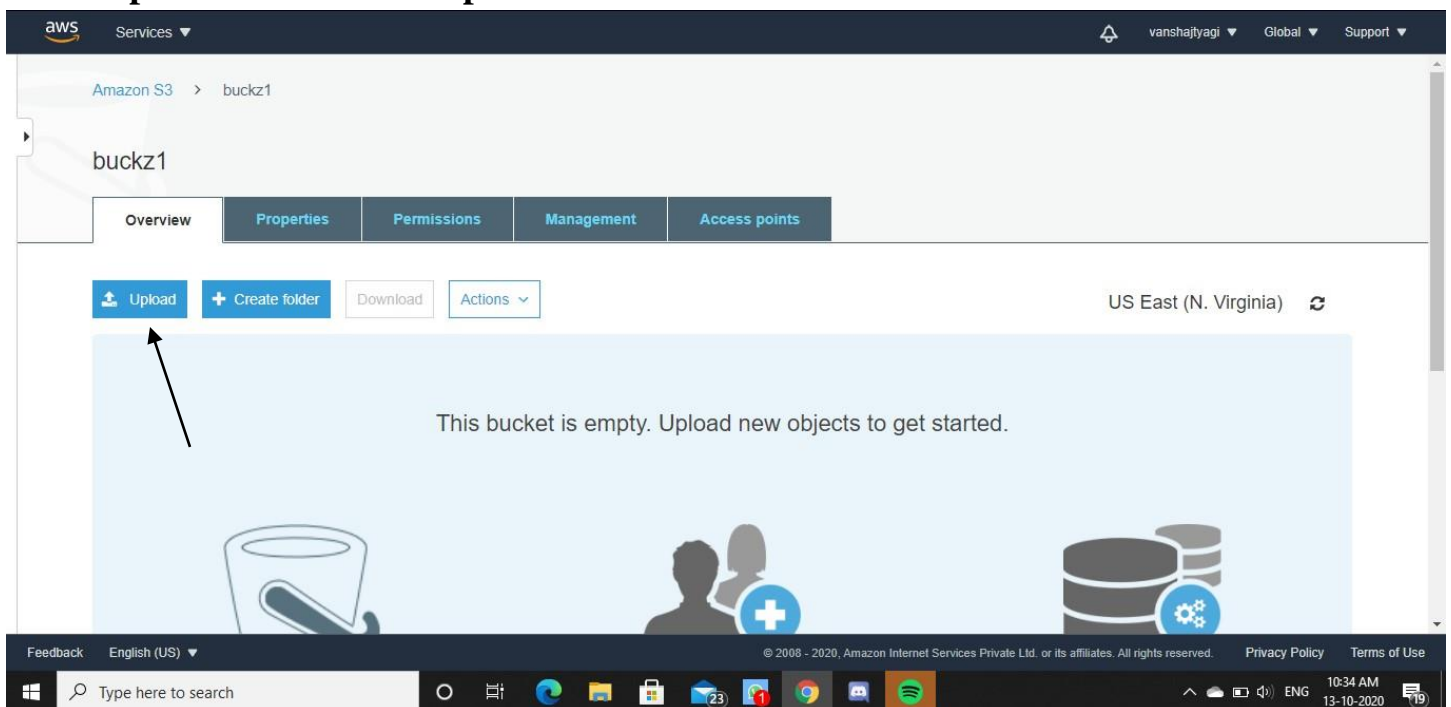


3. Add name for the bucket and click next

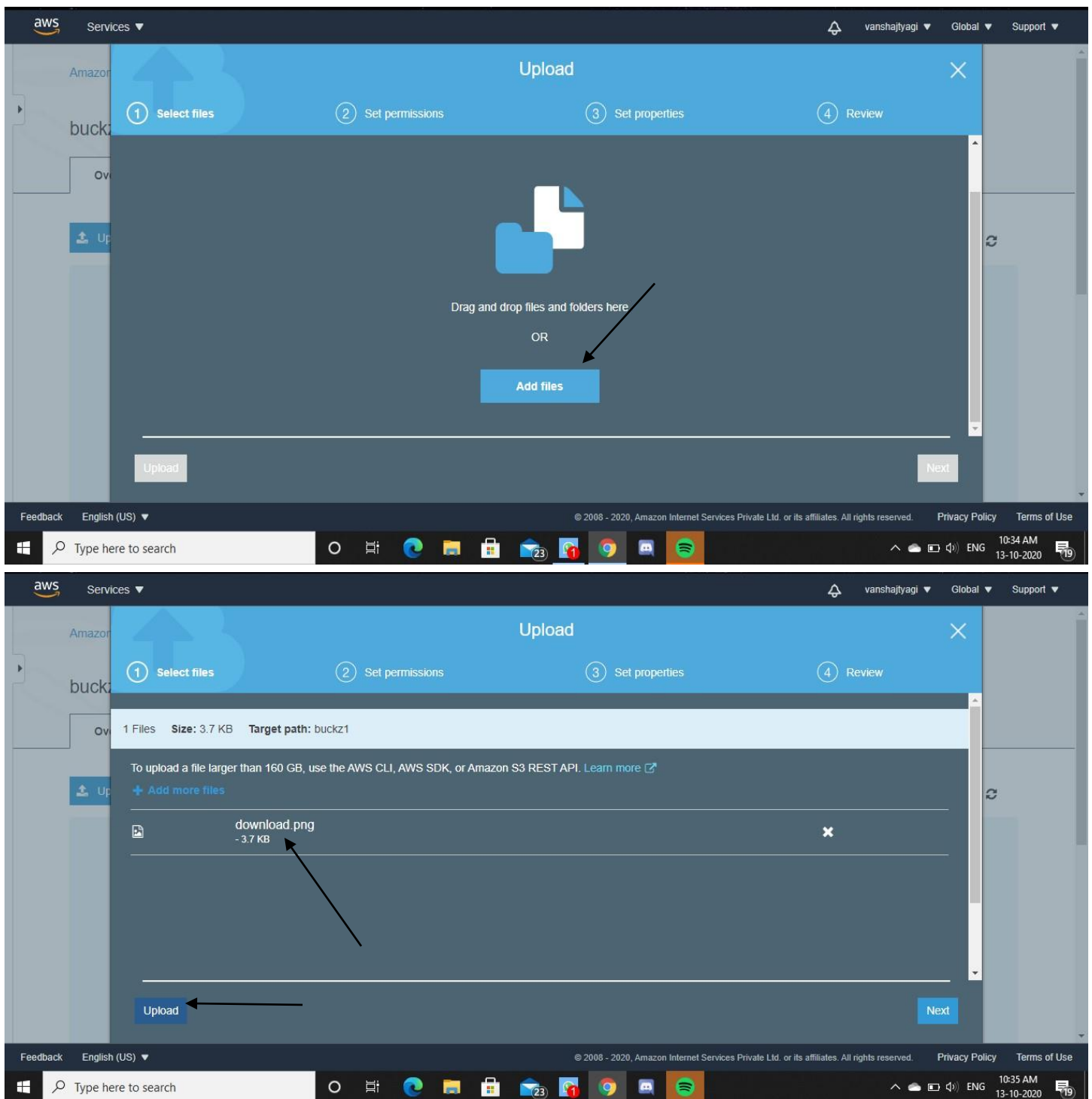




4. Open the bucket and upload some data in it.



5. Click upload and then Add files .



6. File is selected and click on upload .

aws Services ▼ vanshajtyagi ▼ Global ▼ Support ▼

Overview Properties Permissions Management Access points

Q Type a prefix and press Enter to search. Press ESC to clear.

Upload Create folder Download Actions ▼ US East (N. Virginia) ↻

Viewing 1 to 1

<input type="checkbox"/>	Name ▼	Last modified ▼	Size ▼	Storage class ▼
<input type="checkbox"/>	download.png	Oct 13, 2020 10:39:11 AM GMT+0530	3.7 KB	Standard

Viewing 1 to 1

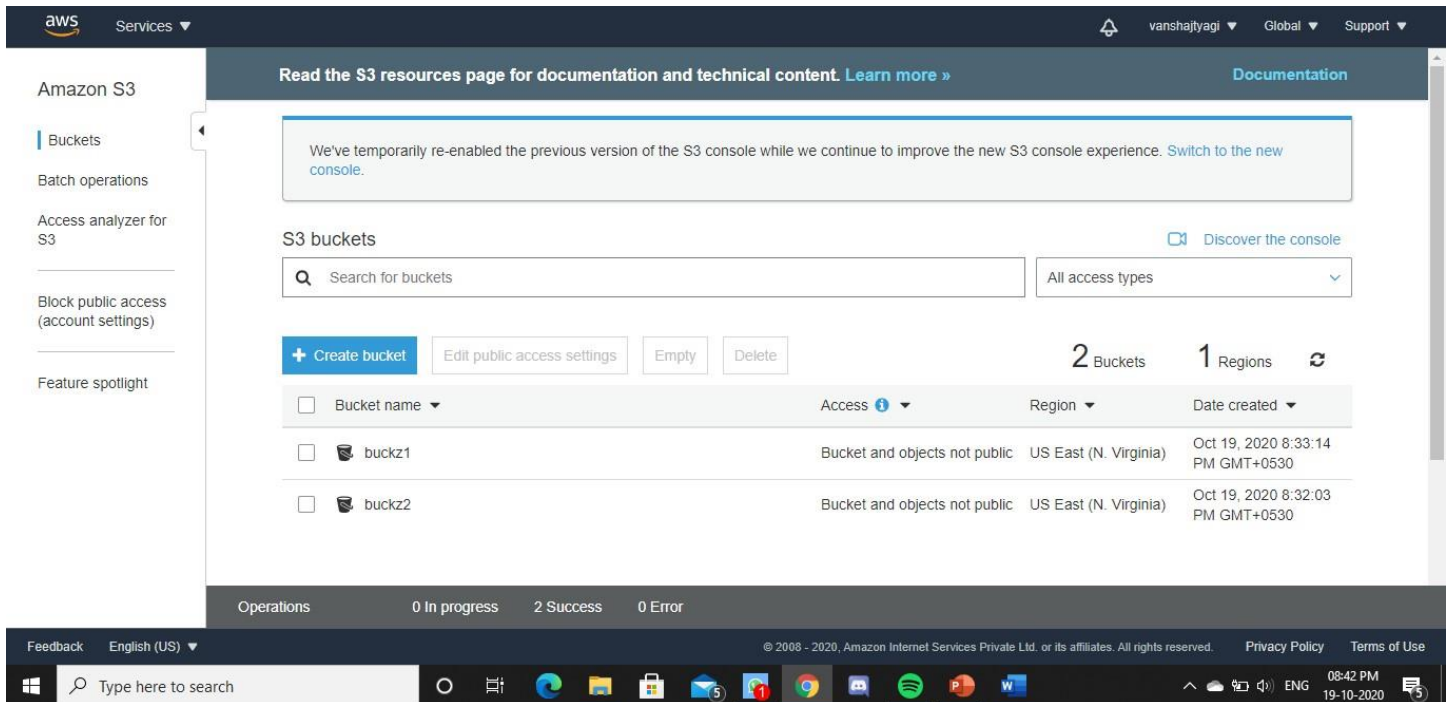
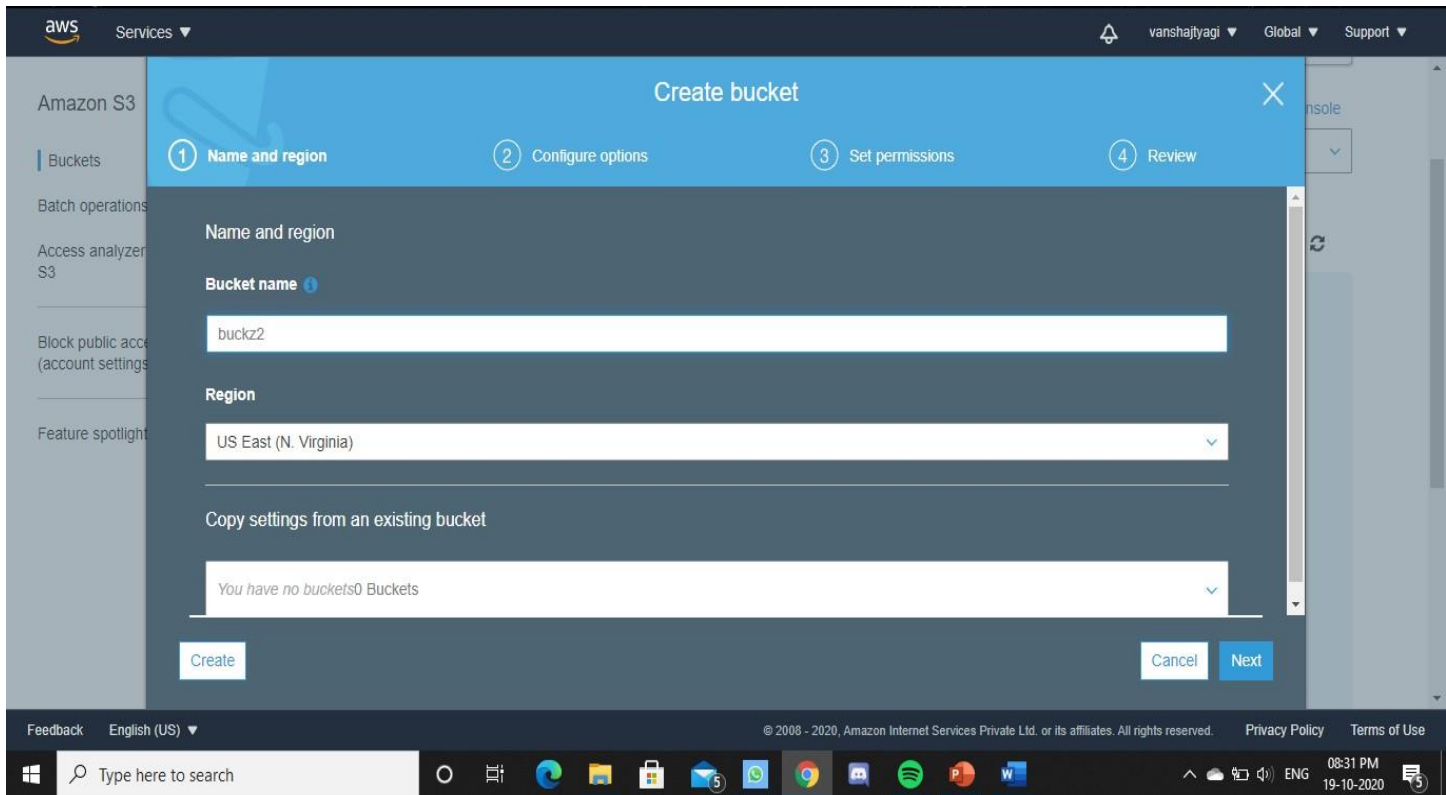
Operations 0 In progress 1 Success 0 Error

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Type here to search

10:35 AM 13-10-2020

7. Create another bucket and make a folder inside it .



The screenshot shows the AWS S3 console interface for a bucket named 'buckz2'. The 'Properties' tab is selected, displaying the 'hellobuckz2' folder. Below the folder name, a message states: 'When you create a folder, S3 console creates an object with the above name appended by suffix "/" and that object is displayed as a folder in the S3 console. Choose the encryption setting for the object.' The encryption settings are set to 'None (Use bucket settings)', with 'AES-256' as an alternative option. The console also shows a search bar, action buttons (Upload, Create folder, Download, Actions), and the region 'US East (N. Virginia)'.

This screenshot shows the same AWS S3 console interface for the 'buckz2' bucket, but now the 'hellobuckz2' folder is listed in the object table. The table has columns for 'Name', 'Last modified', 'Size', and 'Storage class'. The row for 'hellobuckz2' shows a folder icon and dashes for the other fields. The console also displays the search bar, action buttons, and the region 'US East (N. Virginia)'.

8. Select the date from bucket 1 and move it to bucket 2 inside the folder.

aws

Services

vanshajtyagi

Global

Support

Amazon S3

buckz1

buckz1

Overview

Properties

Permissions

Management

Access points

Q

Type a prefix and press Enter to search. Press ESC to clear.

Upload

Create folder

Download

Actions

US East (N. Virginia)

Viewing 1 to 1

<input checked="" type="checkbox"/>	Name	Last modified	Size	Storage class
<input checked="" type="checkbox"/>	download.png	Oct 19, 2020 8:33:30 PM GMT+0530	3.7 KB	Standard

Viewing 1 to 1

Operations0 In progress1 Success0 Error

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Type here to search

08:33 PM19-10-2020

aws

Services

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Global

Support

Choose move destination

1 Choose move destination

2 Review

Buckets

Q

Search by name

Name	Region
<input type="radio"/> buckz1	US East (N. Virginia)
<input type="radio"/> buckz2	US East (N. Virginia)

CancelChoose

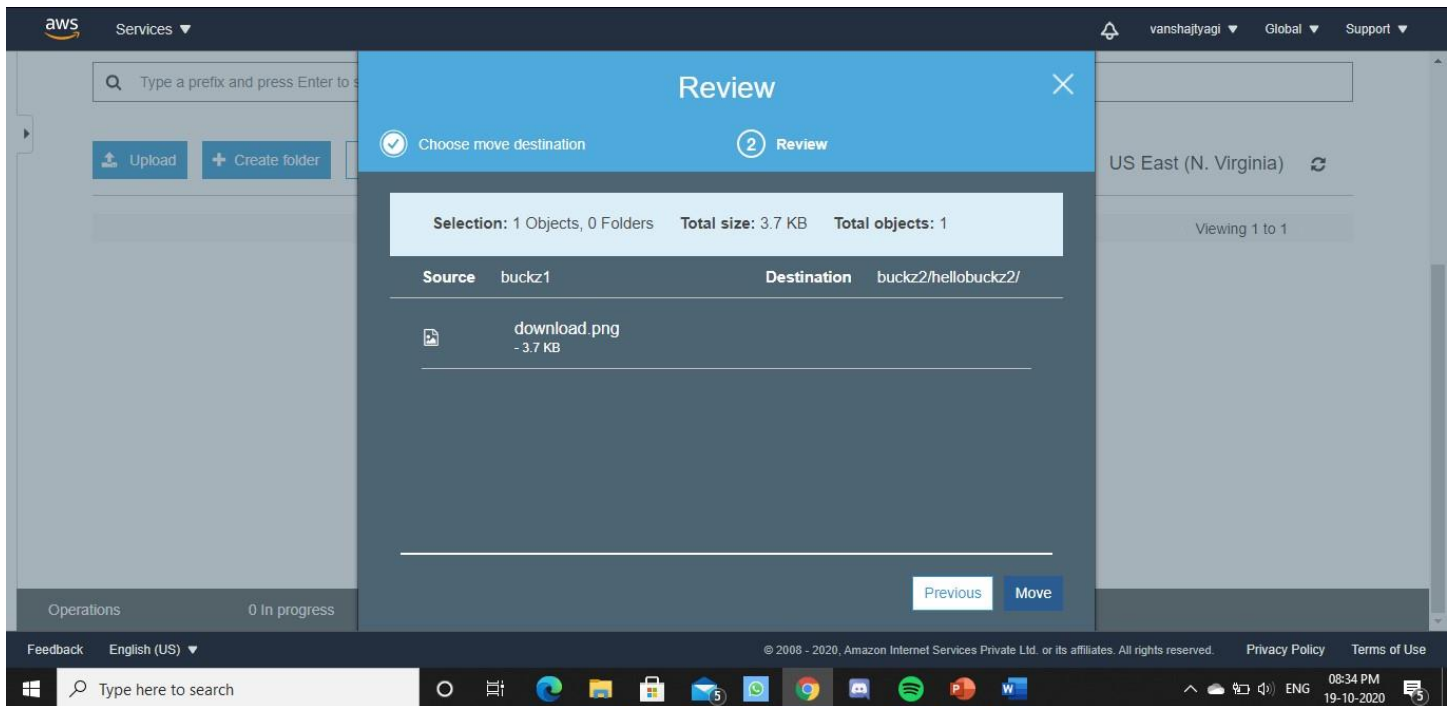
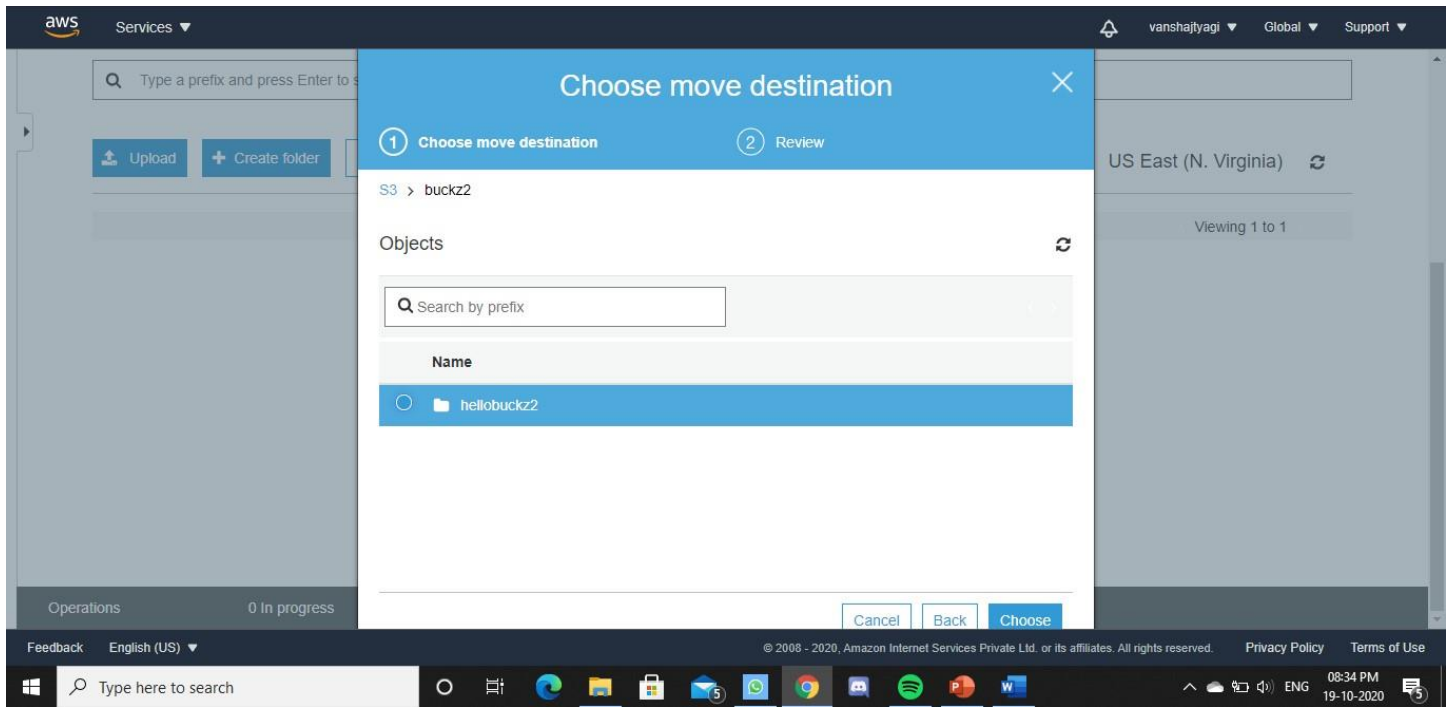
Operations0 In progress

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Type here to search

08:34 PM19-10-2020



9. We can see that bucket 1 is empty and data has been moved to bucket 2.

The screenshot shows the AWS S3 console interface for a bucket named 'buckz1'. The breadcrumb navigation at the top indicates 'Amazon S3 > buckz1'. The bucket name 'buckz1' is displayed prominently. Below the name, there are tabs for 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points', with 'Overview' being the active tab. A toolbar contains buttons for 'Upload', 'Create folder', 'Download', and an 'Actions' dropdown. The region is set to 'US East (N. Virginia)'. A large light blue box in the center contains the text: 'This bucket is empty. Upload new objects to get started.' Below this box, there are icons representing a folder, two people, and a database. At the bottom, an 'Operations' bar shows '0 In progress', '2 Success', and '0 Error'. The footer includes a search bar, system icons, and the date '19-10-2020'.

The screenshot shows the AWS S3 console interface for a bucket named 'buck2'. The breadcrumb navigation at the top indicates 'Amazon S3 > buck2 > hellobuck2'. The bucket name 'buck2' is displayed prominently. Below the name, there are tabs for 'Overview', 'Properties', 'Permissions', 'Management', and 'Access points', with 'Overview' being the active tab. A search bar is present with the placeholder text 'Type a prefix and press Enter to search. Press ESC to clear.' The toolbar contains buttons for 'Upload', 'Create folder', 'Download', and an 'Actions' dropdown. The region is set to 'US East (N. Virginia)'. A table displays the contents of the bucket, showing one object: 'download.png'. The table has columns for 'Name', 'Last modified', 'Size', and 'Storage class'. The 'download.png' file was last modified on 'Oct 19, 2020 8:34:43 PM GMT+0530', has a size of '3.7 KB', and is stored in the 'Standard' storage class. Below the table, it indicates 'Viewing 1 to 1'. At the bottom, an 'Operations' bar shows '0 In progress', '2 Success', and '0 Error'. The footer includes a search bar, system icons, and the date '19-10-2020'.

Name	Last modified	Size	Storage class
download.png	Oct 19, 2020 8:34:43 PM GMT+0530	3.7 KB	Standard

6. Result:

Creation of 2 bucket in which image is uploaded in one and later moved to another bucket with S3 (AWS Service).