

Experiment No.02

Procedure:

Step 1 : Getting started with S3.

The screenshot shows a web browser at awseducate.instructure.com/courses/908. The page title is 'EDSTORv1EN-US'. The left sidebar contains navigation links: Home, Modules, Account, Dashboard, Courses, History, and Help. The main content area is titled 'Getting Started with Storage'. It contains three paragraphs of text explaining the course's focus on Amazon S3. The right sidebar has three buttons: 'View Course Stream', 'View Course Calendar', and 'View Course Notifications'. Below these are sections for 'To Do' (Nothing for now) and 'Recent Feedback' (Nothing for now).

aws EDUCATE

EDSTORv1EN-US

Home Modules

Getting Started with Storage

When you consider running your workloads on Amazon Web Services (AWS), you might first consider your storage options. AWS storage provides the services that you need to build the storage solution that's right for your business. You will review the primary storage types and the differences between them. You will also learn how to identify the right solution in the cloud based on your requirements.

You will then focus on Amazon Simple Storage Service (Amazon S3), an object storage service that offers industry-leading scalability, data availability, security, and performance. Customers of all sizes and industries can use Amazon S3 to store and protect any amount of data for a range of use cases. These use cases include websites, mobile applications, backup and restore, archive, enterprise applications, Internet of Things (IoT) devices, and big data analytics.

In this course, you acquire the knowledge that you need to start using Amazon S3. You learn about the key elements of Amazon S3 and explore how to configure them. You learn how to upload data to Amazon S3 and what additional AWS services you can use to transfer data to Amazon S3 at scale. You also learn the basic elements of security within Amazon S3.

View Course Stream
View Course Calendar
View Course Notifications

To Do
Nothing for now

Recent Feedback
Nothing for now

←

Step 2 : Click on next button.

The screenshot shows the 'Getting Started Learning Pathway' page. The left sidebar has 'Home' and 'Modules' links. The main content area explains that this course is part of a series designed to give a solid foundation in cloud computing. It lists seven courses in the following order: 1. Getting Started with Storage, 2. Getting Started with Compute, 3. Getting Started with Networking, 4. Getting Started with Databases, 5. Getting Started with Cloud Operations, 6. Getting Started with Security, and 7. Getting Started with Serverless. Below this is a section titled 'How to Get Help' which explains that the 'Help' icon in the sidebar directs to a page with helpful material. At the bottom, it says 'When you are ready to begin this course, choose the Next button.' and there is an orange 'Next' button.

Home Modules

Getting Started Learning Pathway

This course is part of a series of courses designed to give you a solid foundation in cloud computing. Each course focuses on a specific domain of cloud computing.

Though you can take any of the courses at any time, it is suggested that you take the courses in the following order:

1. Getting Started with Storage
2. Getting Started with Compute
3. Getting Started with Networking
4. Getting Started with Databases
5. Getting Started with Cloud Operations
6. Getting Started with Security
7. Getting Started with Serverless

How to Get Help

If you need help when you are taking a course, you can get help from the panel on the left side of the Canvas page. The **Help** icon will direct you to a page that includes helpful material about courses and badges, FAQ, and a link to support requests.

When you are ready to begin this course, choose the Next button.

Next

Step 3 : Start S3 lab.

The screenshot shows a web browser at the URL `labs.vocareum.com/main/main.php?m=editor&asid=1007917&stepid=1007918&hideNavBar=1`. The interface includes a top navigation bar with buttons for 'Details', 'AWS', 'Start Lab', 'End Lab', a timer at '0:18', and an 'Actions' dropdown. Below this is a sub-navigation bar with 'Files', 'README' (checked), 'Terminal' (checked), and 'Source'. The main content area is split into two panes. The left pane, titled 'EN-US', displays the lab's title 'Lab: Getting Started with Amazon S3' and its overview. The right pane shows a terminal window with the prompt `eee_vl_3362073@runweb125431:-$` and the command `bash`.

Lab: Getting Started with Amazon S3

Lab overview and objectives

In this lab, you use some of the Amazon Simple Storage Service (Amazon S3) features that you just learned about to create a static website.

Static websites can contain HTML pages, images, style sheets, and all files that are needed to render a website. Static websites do not use server-side scripting or a database. However, they may contain client-side scripts that run in a user's web browser.

You can host a static website on Amazon S3 by uploading the content and making it readable by users. No servers are needed, and you can use Amazon S3 to store and retrieve any amount of data at any time from anywhere on the web.

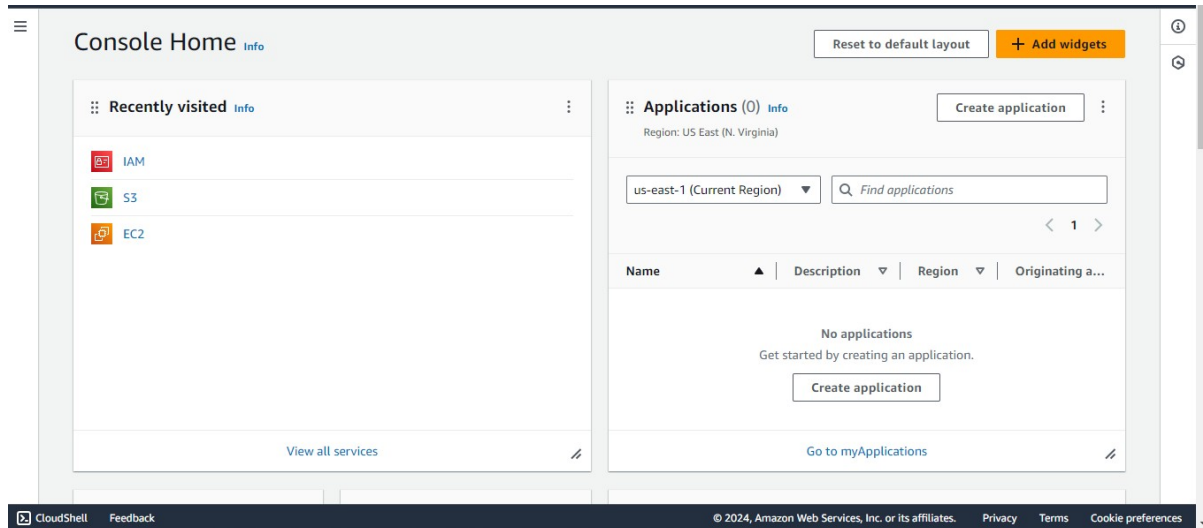
Step 4 : S3 lab is ready.

The screenshot shows a 'Start Lab' dialog box with a dark header and a white body. The body contains the following text:

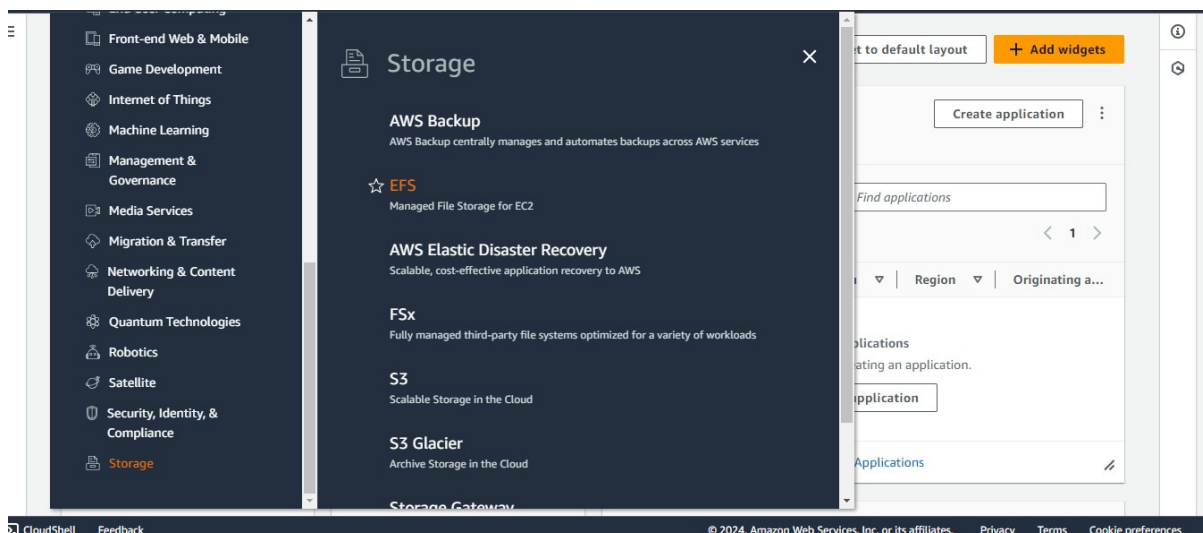
```
Refresh session at: 2024-07-24T02:12:48-0700
Remaining session time: 01:00:00(60 minutes)
Lab status: ready
```

The dialog box has a close button (X) in the top right corner. The background shows a blurred view of the lab interface.

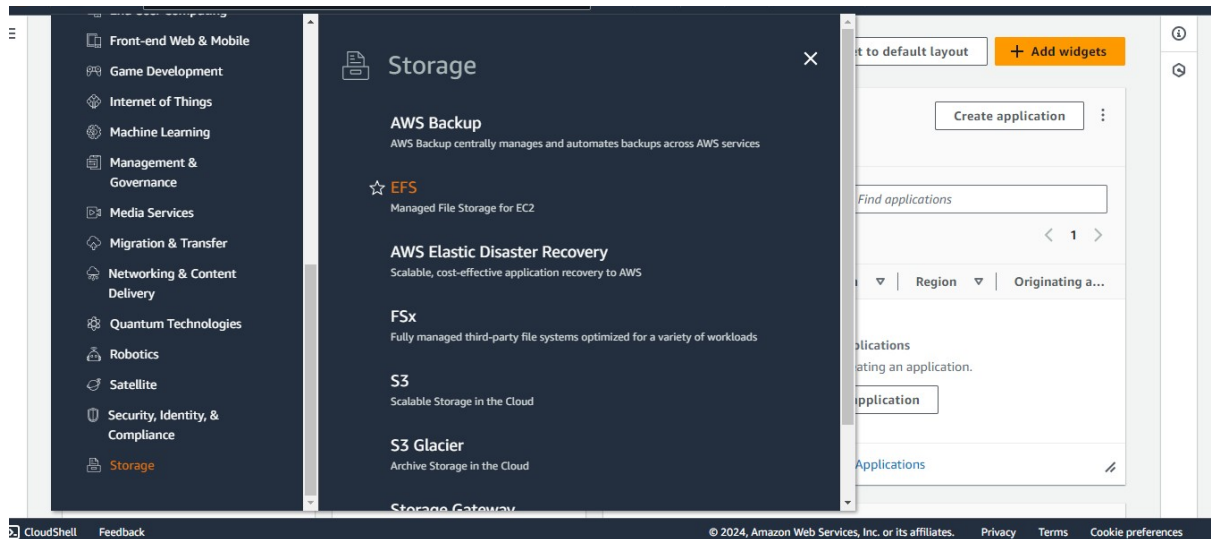
Step 5 : Click on services.



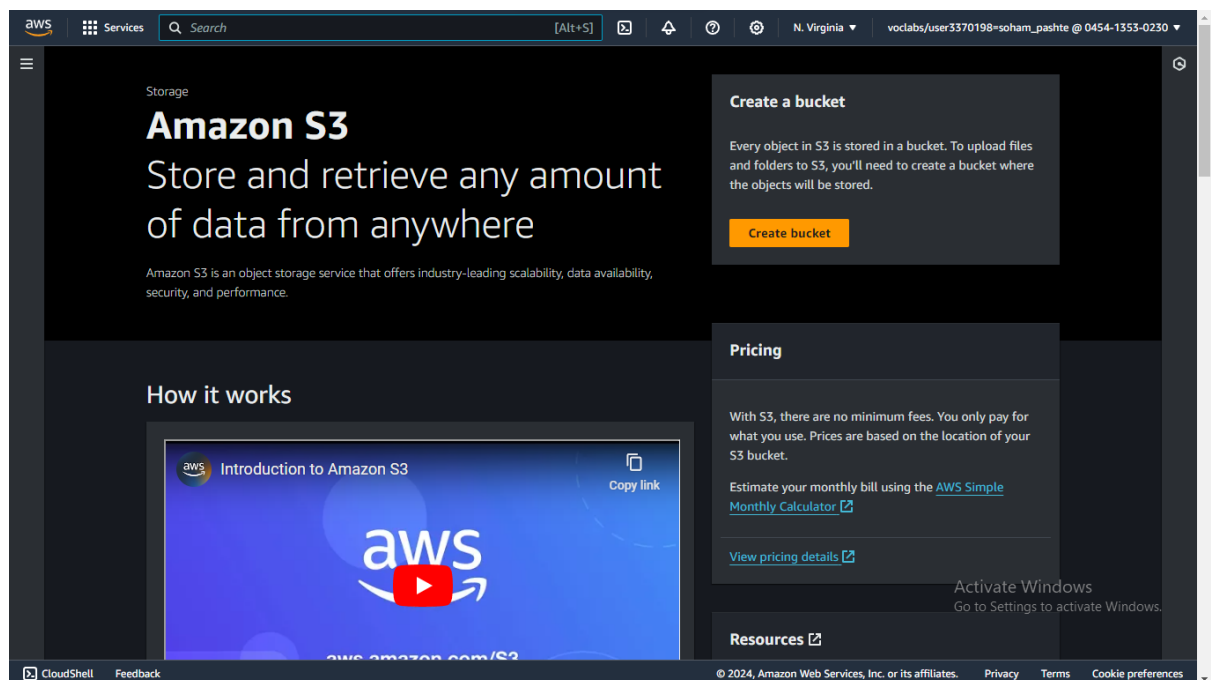
Step 6 : Click on storage.



Step 7 : Click on S3.



Step 8 :Click on Create Bucket.



Step 9 : Give name to your bucket.

aws Services Search [Alt+S]

Amazon S3 > Buckets > Create bucket

Create bucket [Info](#)

Buckets are containers for data stored in S3.

General configuration

AWS Region
US East (N. Virginia) us-east-1

Bucket type [Info](#)

☒ **General purpose**
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.

☐ **Directory - New**
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.

Bucket name [Info](#)

Bucket name must be unique within the global namespace and follow the bucket naming rules. [See rules for bucket naming](#)

Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.

[Choose bucket](#)

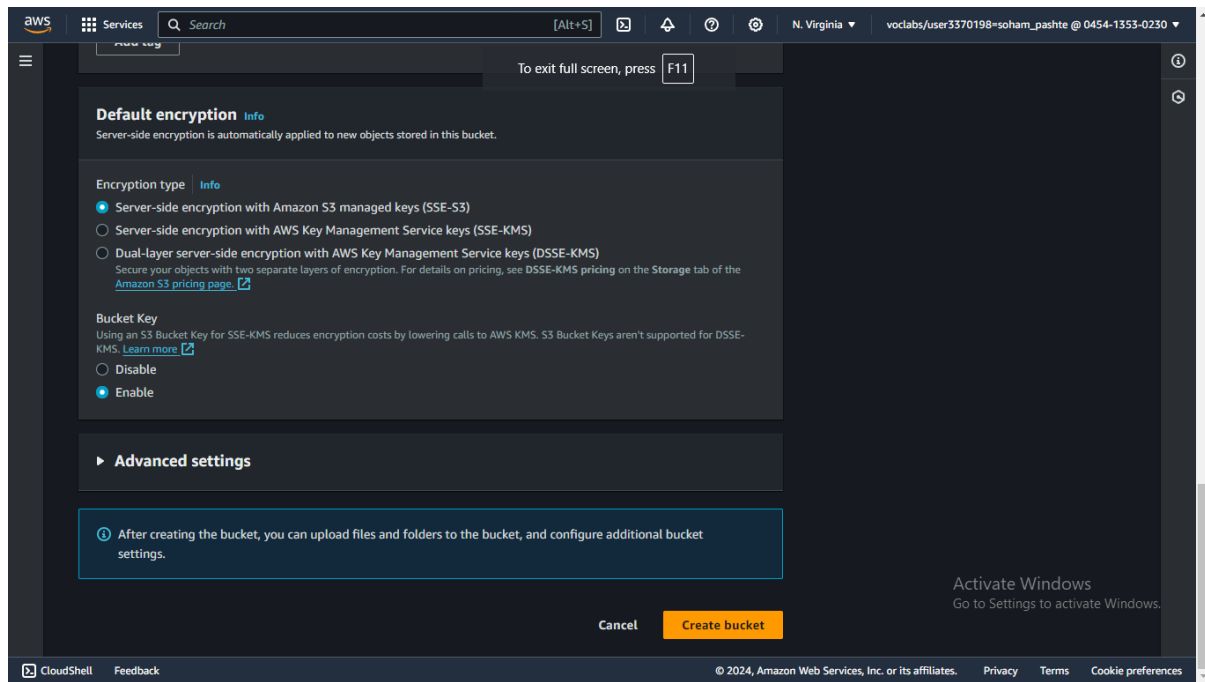
Format: s3://bucket/prefix

Object Ownership [Info](#)

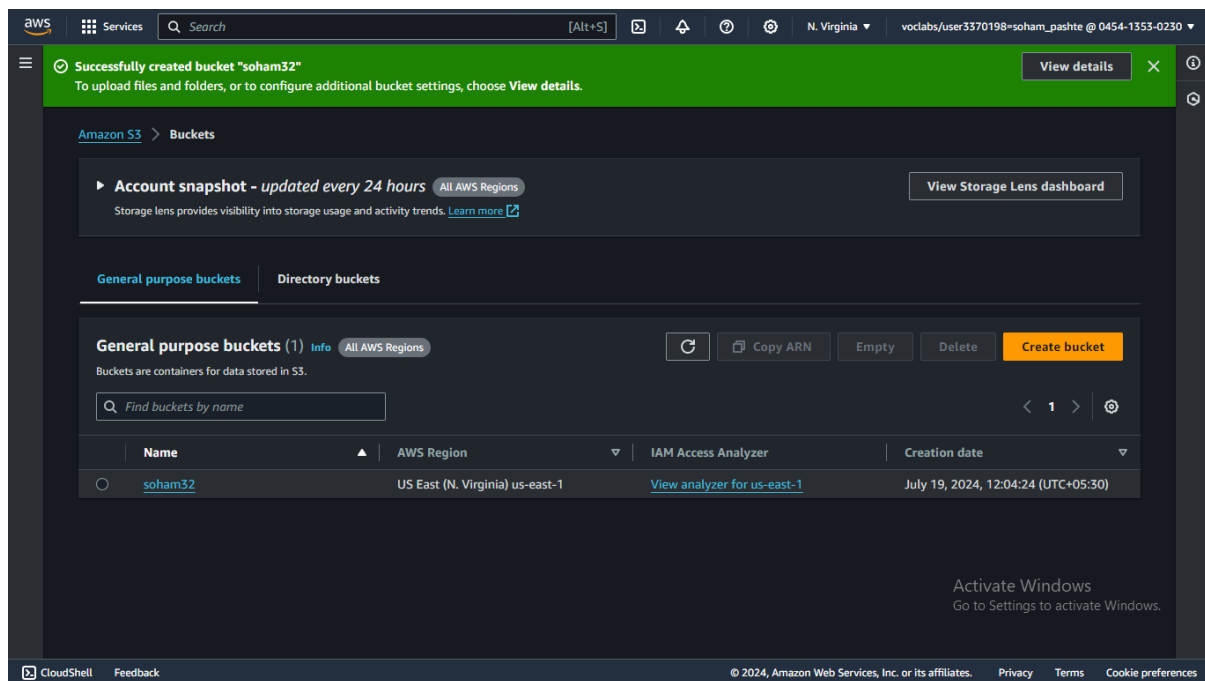
Activate Windows
Go to Settings to activate Windows.

CloudShell Feedback © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

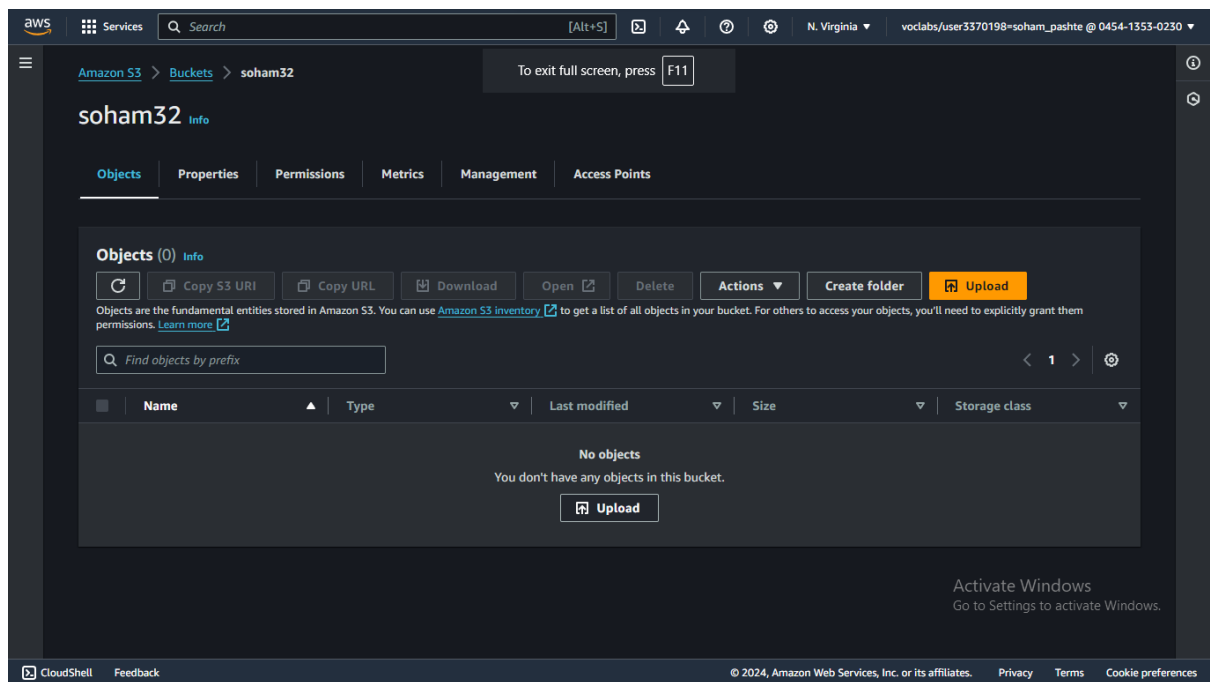
Step 10 : To create new bucket, click on Create Bucket.



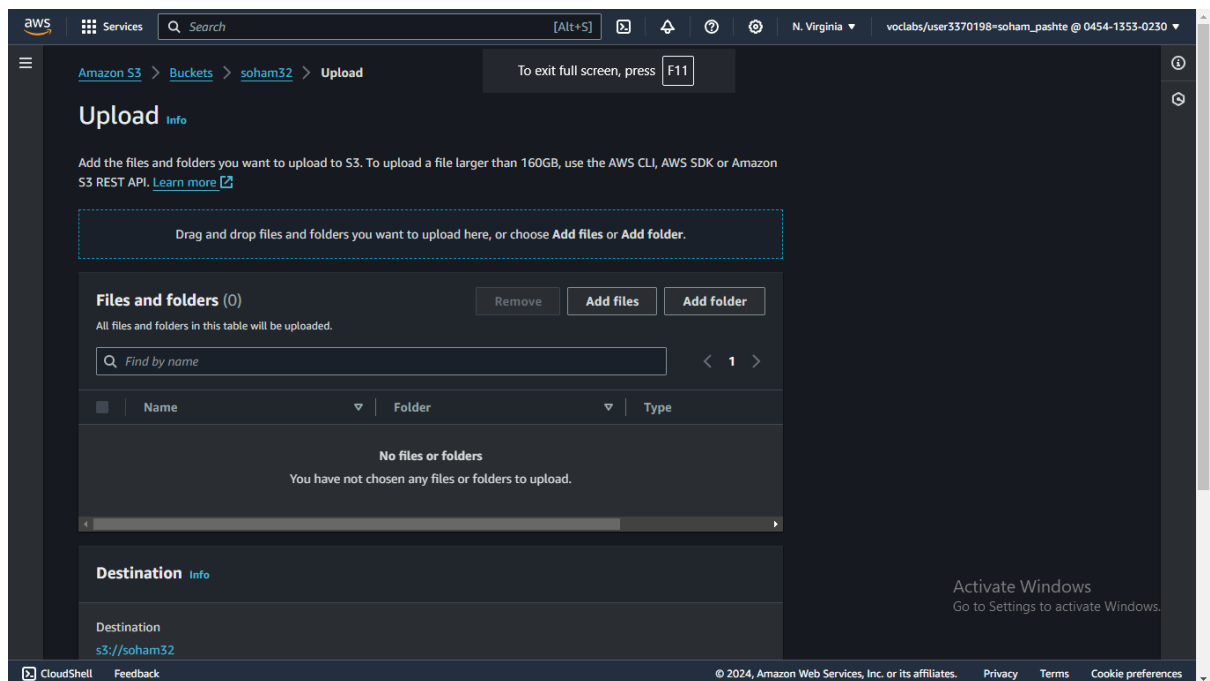
Step 11 : Bucket is successfully created.



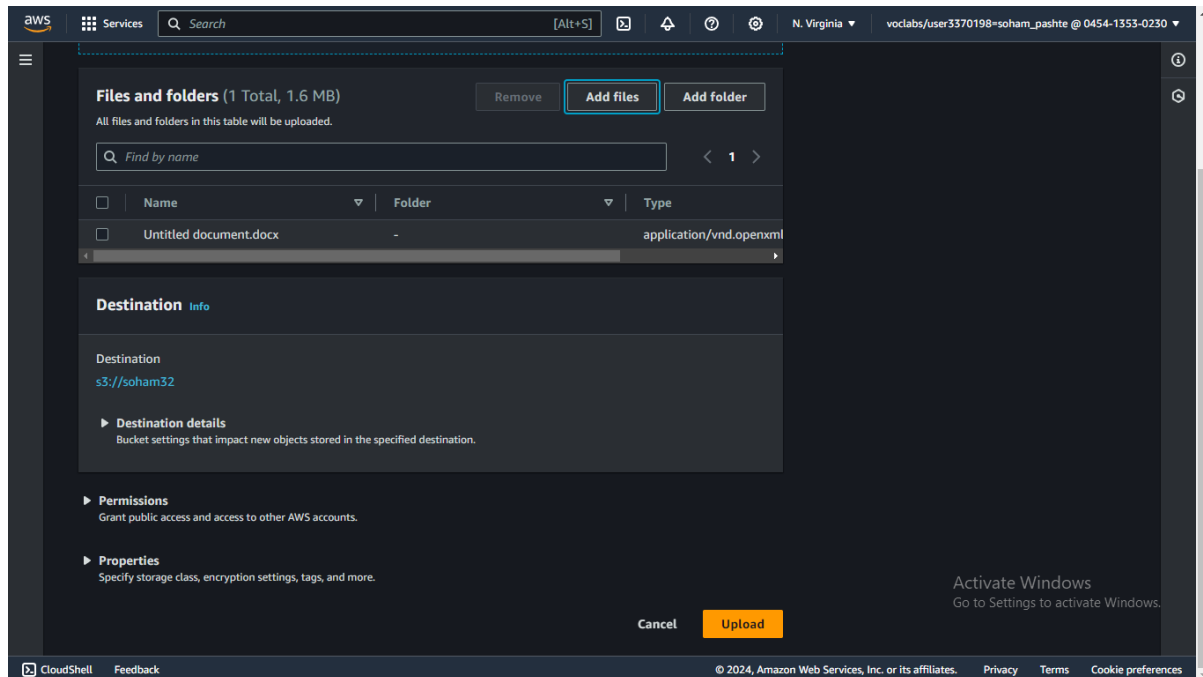
Step 12 : Click on upload to upload file.



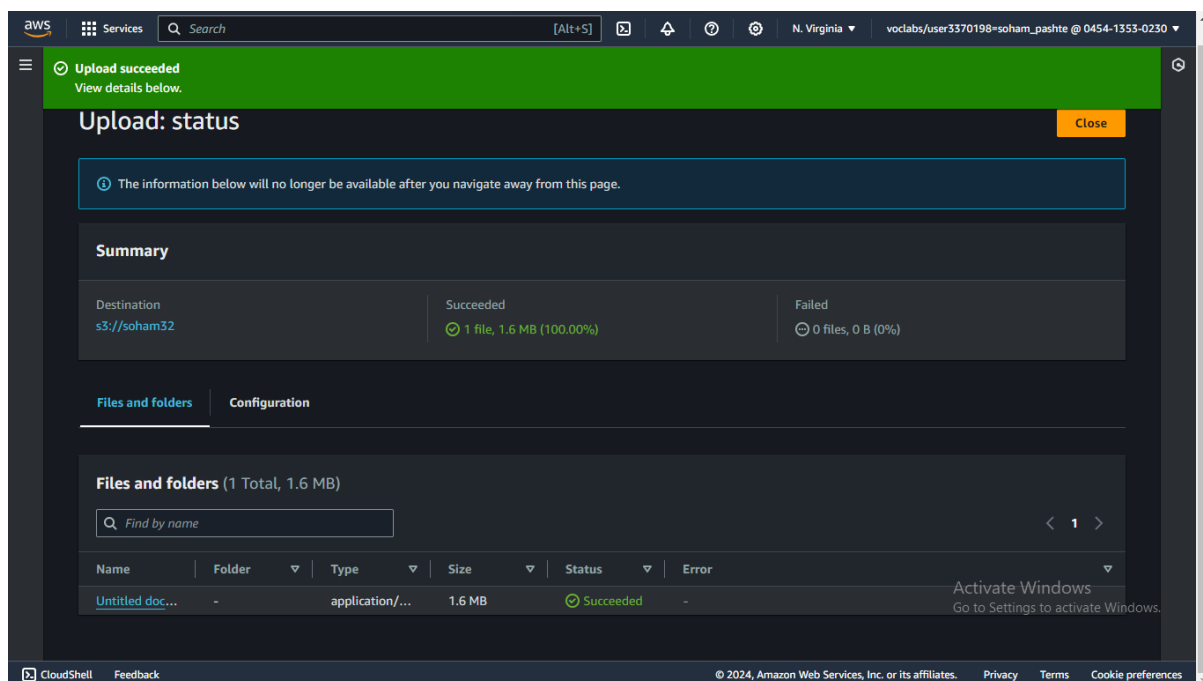
Step 13 : Select a file to upload.



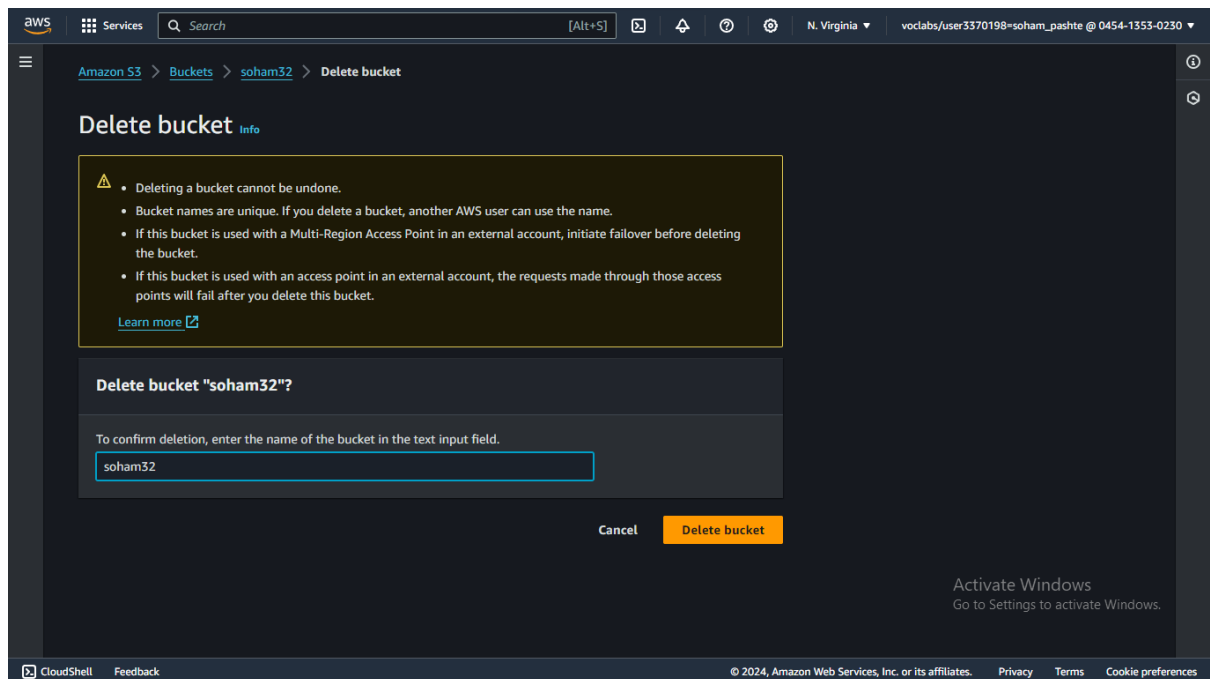
Step 14 : Click upload.



Step 15 : File is successfully uploaded.



Step 16 : Click on delete bucket button to delete the bucket.



Step 17 : Bucket is successfully deleted.

