AWS S3

INTRODUCTION:

This AWS tutorial, or Amazon Web Service tutorial, is designed for beginners and professionals to learn AWS's basic and advanced concepts. Learn about the various topics of AWS such as introduction, history of AWS, global infrastructure, features of AWS, IAM, storage services, database services, application Services, etc., and other AWS products such as S3, EC2, Lambda, and more. By the end of this tutorial, readers will have a basic understanding of what AWS is and how it can be used to support their computing needs.

OBJECTIVES:

Amazon Simple Storage Service (Amazon S3) is 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, such as data lakes, websites, mobile applications, backup and restore, archive, enterprise applications, IoT devices, and big data analytics. Amazon S3 provides management features so that you can optimize, organize, and configure access to your data to meet your specific business, organizational, and compliance requirements.

CREATING S3 BUCKET AND ADDING A STATIC WEBSITE AS AN OBJECT:

Creating an S3 bucket:

1. Go to the S3 console at https://console.aws.amazon.com/s3
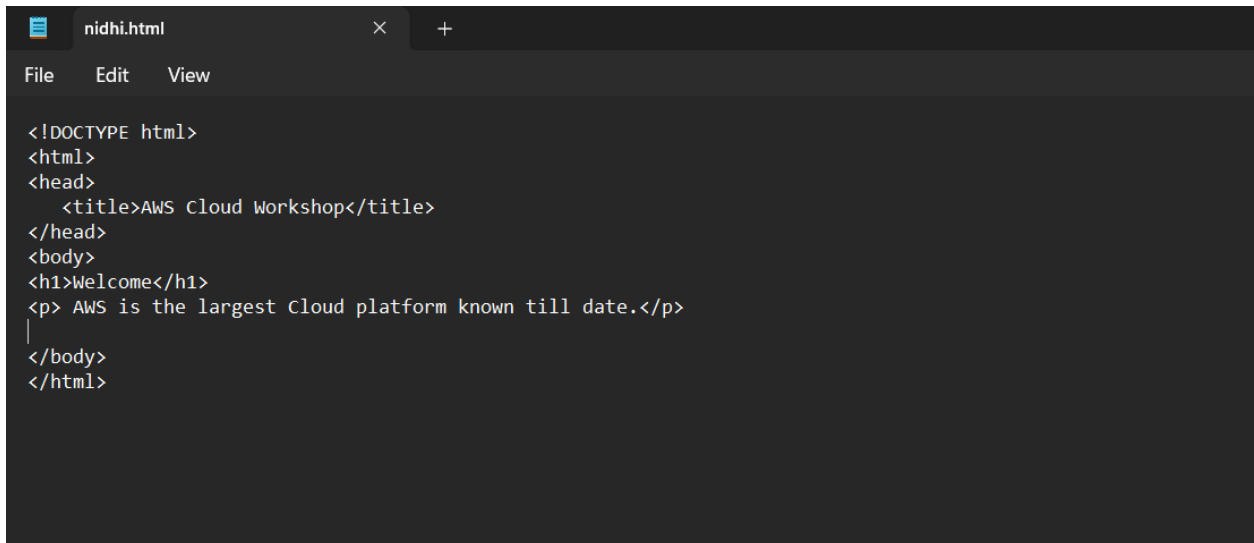2. Click **Create bucket**

3. **Bucket name** supply a name. This must be unique across all buckets in AWS
4. Click **Next** *three* times
5. Review screen: click **Create bucket**
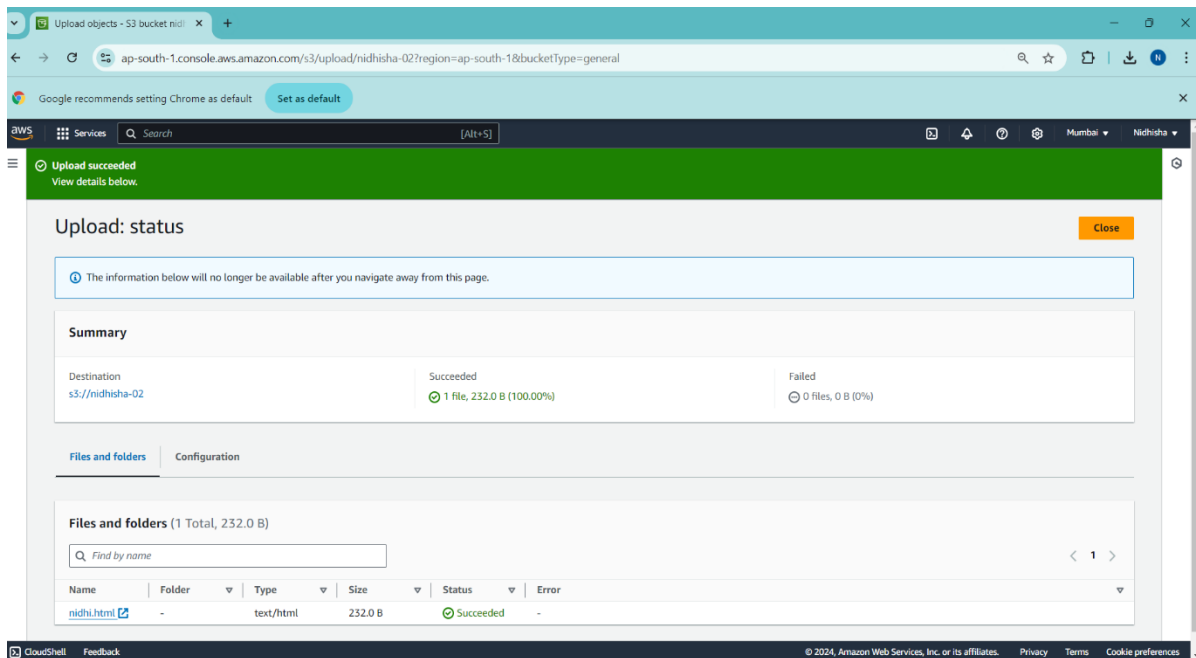
Add object(s) to an S3 bucket:

1. Click on the name of the bucket you are using (this can be the one you created above)
2. If, and only if, you want to make the uploaded object(s) *publically readable* then:
    1. Click on the Permissions tab
    2. Clear *both* ...access control lists (ACLs) checkboxes (or verify they are already cleared)
    3. Click Save
    4. Type Confirm
    5. Click Confirm
    6. Click on the Overview tab

3. Drag the file(s) you want to upload to the bucket into the object upload area
4. Click Next
5. If, and only if, you want to make this object(s) *publically readable* then under Manage public permissions select Grant public read access to this object(s)
6. Click Next two more times
7. Click Upload

```
nidhi.html                          ✕    +
File    Edit    View

<!DOCTYPE html>
<html>
<head>
    <title>AWS Cloud Workshop</title>
</head>
<body>
<h1>Welcome</h1>
<p> AWS is the largest Cloud platform known till date.</p>

</body>
</html>
```

nidhisha-02.s3.ap-south-1.amazonaws.com/nidhi.html

Google recommends setting Chrome as default   Set as default

Welcome

AWS is the largest Cloud platform known till date.

CONCLUSION:

In conclusion, we can observe that AWS offers various services where one of the services S3 id discussed here. This ensures the storage service that allows the users to store, retrieve and manage data of any size from anywhere.