

- S3 stands for **Simple Storage Service**.
- S3 provides developers and IT teams with **secure, durable, scalable and highly available object storage**.
- It is easy to use with a simple web services interface to store and retrieve any amount of data from anywhere on the web.

### What is S3 ?

- S3 is a place to store the files.
- It is **Object-based storage**, i.e., you can store the images, word files, pdf files, etc.
- The files which are stored in S3 can be from **0 Bytes to 5 TB**.
- It has **unlimited storage** means that you can store the data as much you want.
- Every **object in S3 is stored in a bucket**. To upload files and folders to S3, you'll need to create a bucket where the objects will be stored.
- S3 is a universal namespace.
- ***S3 is GLOBAL and Bucket is Region based.***
- **Creating S3 Bucket:**
- **Naming Convention of S3 Bucket:**
- Bucket name must be globally unique
- Bucket name should be in lower case (3 -63 characters)
- Except – and . Other special symbols are not allowed
- Bucket name should begin with letter or number
- Successive space not allowed
- Bucket name should not be an IP address