**AWS**

**(Amazon web services)**

AWS is one of the leading cloud computing service providers. AWS has around 230+ services.

These services are categorized as:

1. Compute services
2. Storage services
3. Database services
4. Networking services
5. Analytics services
6. Security, Identity and compliance
7. Migration services
8. Management tool Services



1. Amazon S3 stands for Simple Storage Service.
2. S3 is an object-based storage service which is used to store and retrieve data at any time.
3. S3 doesn’t have any limit to store the data.
4. S3 is the second service launched by AWS in 2006. (SQS is the first service launched in 2004)

**Features of S3:**

**Availability:** S3 maintains 3 copies of data. If one gets crashed then data can be copied from next two copie

**Scalability**: No Storage limit

**Latency**: Data available in SSD(Solid state disk) where data transfer is fast

**Internet**: Data can be accessed from any where via internet.

**Durability**: Data will be present for certain duration in S3 bucket.

**Creation of S3 bucket, uploading and downloading files using AWS management console:**

1. Sign-in to AWS account.
2. Search for S3 in aws management console
3. Click on buckets
4. Select the region
5. Click on Create Bucket
6. Enter the bucket name ( this must be unique globally)
7. Block all the public access for the bucket (if you are not hoisting any static website)
8. Disable bucket versioning