**Amazon Simple Storage Service**

**(Amazon S3)**

* Amazon s3 is a storage for the internet
* It is design to make web scale computing easier for developer
* that means it is storage service based on the internet you can store and delete as per requirements
* It is also have auto scalling
* Amazon s3 is like a google drive but s3 as developer friendly service
* Amazon simple storage service (amazon s3) is an object storage service that offers industry-leading scalability, data availability, security, and performance. You can use amazon s3 to store and retrieve any amount of data at any time, from anywhere.
* To get the most out of amazon s3, you need to understand a few simple concepts. Amazon s3 stores data as objects within buckets. An object consists of a file and optionally any metadata that describes that file. To store an object in amazon s3, you upload the file you want to store to a bucket. When you upload a file, you can set permissions on the object and any metadata.
* Buckets are the containers for objects. You can have one or more buckets. For each bucket, you can control access to it (who can create, delete, and list objects in the bucket), view access logs for it and its objects, and choose the geographical region where amazon s3 will store the bucket and its contents.
* You can upload any type of file to amazon s3, such as images, videos, text files, and so on. For example, you might use amazon s3 to store backup files, media files for a website, or archived documents. Amazon s3 offers unlimited storage space. The maximum file size for an object in amazon S3 is 5TB.
* When you upload a file to amazon s3, you can set permissions to control visibility and access to it. You can also use the amazon S3 versioning feature to track changes to your objects over time.
* Amazon S3, you pay only for what you use. You can choose from [a range of storage classes](https://aws.amazon.com/s3/storage-classes) to select a fit for your business and cost needs. When selecting an amazon S3 storage class, consider these two factors:
* How often you plan to retrieve your data
* How available you need your data to be
* **The s3 protocol** is used in a URL that specifies the location of an Amazon S3 bucket and a prefix to use for reading or writing files in the bucket. Amazon Simple Storage Service (Amazon S3) provides secure, durable, highly-scalable object storage.