**Simple Storage Service(S3):**

* **S3 is storage service in AWS which is used to store the unlimited amount of data like doc,text,video,audio,xml files etc and retrieve the data.**
* **The data will be stored in the form of objects.**
* **S3 is a global service so we can access the data from anywhere in s3.**
* **Data will be highly available ,secure in s3.**

**Buckets:**

* **Buckets are nothing but a containers or folders for objects.**
* **We can store the objects inside the buckets.**
* **We can increate maximum 100 buckets per aws account.If we want we can increase the buckets limit but we need to take permission from AWS.**

**Objects:**

* **Objects are nothing but a files or folders inside the buckets.**
* **Size of file is from 0 bytes to 5 TB.**

**How to access the data inside a file or object:**

* **By default block the public access for all buckets and objects.**
* **We need to modify or enable the permissions.**
* **Open the bucket which we want to access and click on permissions tab.**
* **Uncheck or off the block all public access option.**
* **Edit the object ownership in which click on enable acls and save it.**
* **Click on Edit on access control list and select list,read permissions and save.**
* **Go to the objects sections and select file or object which file data we want to access.**
* **Go to actions and click on make public using acls.**

**Without allow all permissions whatever we have mentioned above.we can’t access the data inside a file.**

**Allow or modify all permissions whatever we have mentioned above.we can access the data inside a file.**

**Bucket policy:**

* **Bucket policies are used to give the access permissions to all objects whatever objects inside a particular bucket we can access the data inside a file (instead of make the every object as public after uploading the object inside a bucket)**
* **We can create the bucket policy for particular bucket.**