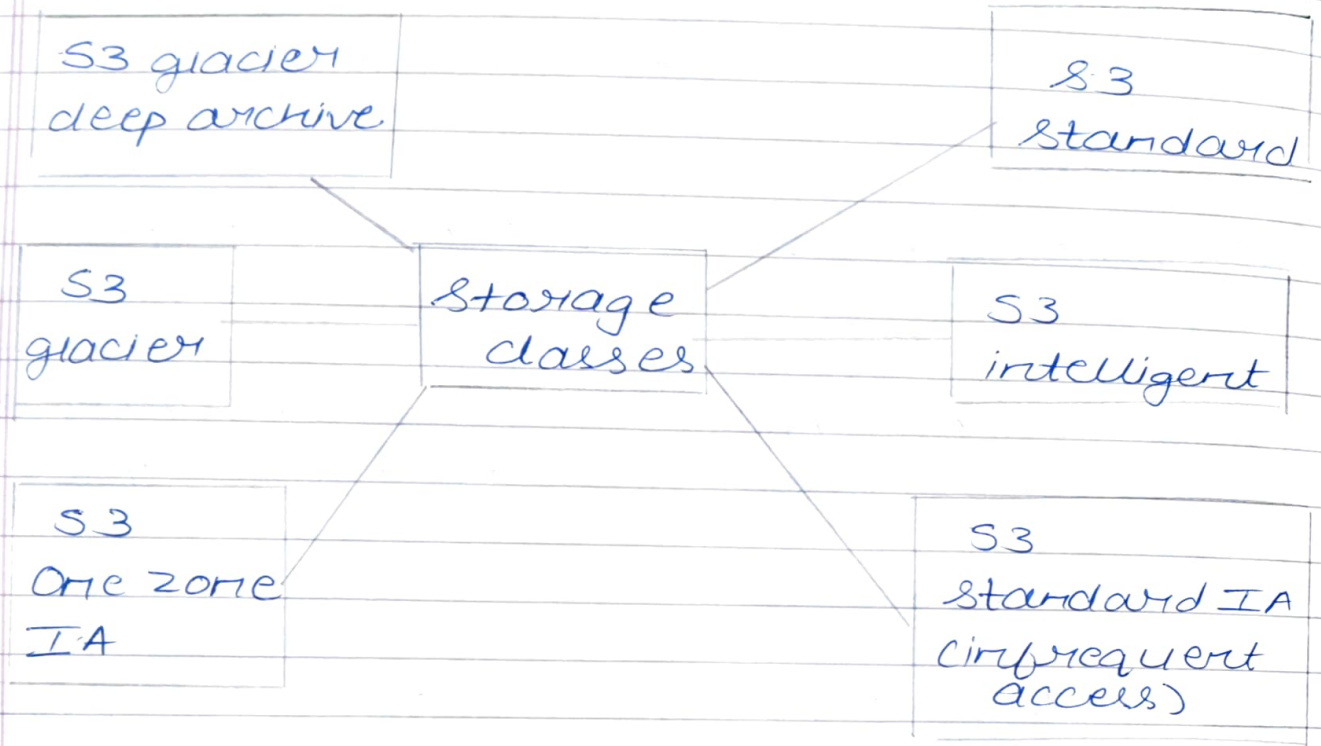


1] S3 ÷ Amazon S3 is a scalable high speed low cost web based cloud storage service designed for online backup and archiving of data and application programs. Here are some of key features and benefits of Amazon S3.

key features ÷

- 1] Scalability ÷ automatically scales storage to accomodate growing data needs.
- 2] Durability ÷ designed for 11 9's of durability
- 3] Security ÷ Provide data encryption in rest and in transit and supports various access management features.
- 4] Accessibility ÷ Data can be accessed via the internet using API's.
- 5] Cost effectiveness ÷ Pay-as-you-go pricing model with different storage classes.



2] S3 use cases ÷

- 1] Backup and Restore ÷ for data protection and recovery
- 2] Archiving ÷ for long term data retention
- 3] Big data analytics ÷ store and analyse large datasets
- 4] Content storage and distribution ÷ for hosting static websites, images, videos or other multimedia content
- 5] Data lakes ÷ centralized repository for storing structured and unstructured data at any scale.

3] Steps for S3 ÷

Step I ÷ Sign in into AWS console

Step II ÷ Navigate to S3.

Step III ÷ Create a bucket, give it a unique name and select a region.

Step IV ÷ Upload files, drag and drop the files or use upload wizard.

Step V ÷ Configure settings, set permissions, versioning, logging

Step VI ÷ Access data ÷ use S3 URL or integrate with other AWS services.