

D¢LLTechnologies Date: Serverless storage service where we are not looking anything behind the covers. Dota availabitity is globally. We can add security policies at bucket lent data is secure and encrypted as well. IAM policies are there in which we can choose who or When can have access to our objects. 53 has simple management capabilities that allows to organize the data and fine tune access controls to mortch specific commercial, organizational needs. To match Organizations 83 Bucket Amazon S3 is designed for durability and saves data for millions of apps for businesses all over the world.

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	Benefits of S3
→	Performance, Scalibility, availability and durability are top class in industry.
	Many cost effective storage classes are available
\rightarrow	Security, compliance, and auditing capabilities are great.
>	Marage data and access permissions with ease.
→	Query in place and on demand processing.
→	Most midely use cloud storage service.
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Objects and Buckets in 53
Objects They are fundamental entities stored in Amazon S3.
→ It consists of data as well as it's metadata. → 53 can't access the content or data inside the objects.
→ It can read only the metadata with object → It allocades a unique version ID for the object When some data is added to bucket.
Buckets Buckets Buckets Buckets Buckets Buckets
There will never be an object without a
Bucket: There is no mindows explorer like hierarchy. There is no mindows explorer like hierarchy.
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Object - Bedet
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Working of Amazon 83
When files are uploaded to the bucket, the user mill specify the type of S3 storage class to be used for those specific objects.
User mill specify the type of S3 Storage class
to be used for those specific objects.
\$3 Storage Classes
→ 53 standard → (Default and most expensive at all)
→ S3 Standard - IA -> (Doda is long lived and not frequently access)
-> S3 Intelligent - Tiering -> Automortically transfer object to rext da
- > 83 One Zone - 1A > (Infrequently access) + (Suitable for data)
→ 83 Glacier -> (Long term storage + cheapest storage)
→ S3 Glacier Deep Archive
Once object get colder. Colder means like your
actions patterns you are accessing it less over the
time its get coldes. We will thomsfer that files to
time its get colder. We will thomsfer that files to The next storage class intil 83 glacier deep archive which
is extremely cold so me gonna have the cheapest
Storage service.
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D¢LLTechnologies Date: _ → Lifecycle Management (like storage classes)

Go to S3 → choose bucket → Lifecycle configuration Features of 83 -> Create lifecycle rule. You can select transition of object between storage classes choosing the time period. -> Bucket policy It is an IAM policy which lets you allow and deny permissions to your 83 & recources.

ANS policy generator is perfect.

It will generate the custom policy JSON automatically for you. → Dota encryption

Both client side encryption and sever side encryption. → Versioning → Enable bucket versioning.

Shows Thistory of all the activities or changes.

Specific version ill and type all modification is shown. -> Cross Region Replication (CRP)

Allows automatic copying of every object uploaded

to your buckets in your different ANS regions.