



AWS S3-2



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Lifecycle Management

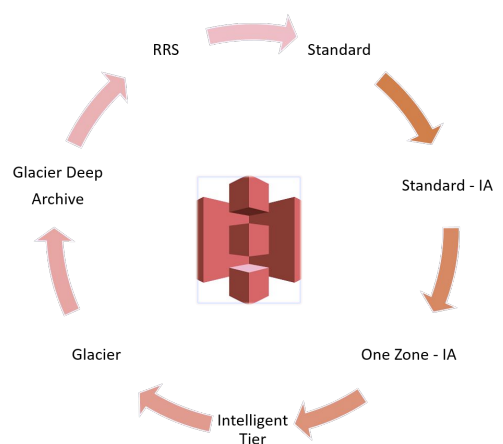
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WAY TO REINVENT YOURSELF



Lifecycle Management

What is Lifecycle Management?

- Lifecycle management is to determine how an object will be subject to a **storage policy** during the time it is stored in S3.
- So, it is used to ;
 - Transition** objects to another storage class,
 - Archive** objects,
 - Delete** objects after a specified period of time.

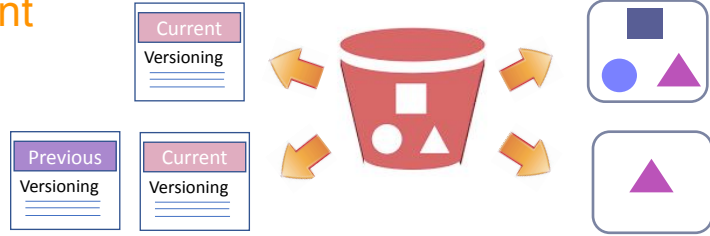


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Lifecycle Management

Lifecycle Management



- A lifecycle policy is **bucket-base component**.
- You can narrow Lifecycle Management by using a **prefix**
- Available for both **current and previous**
- Minimum days for transition

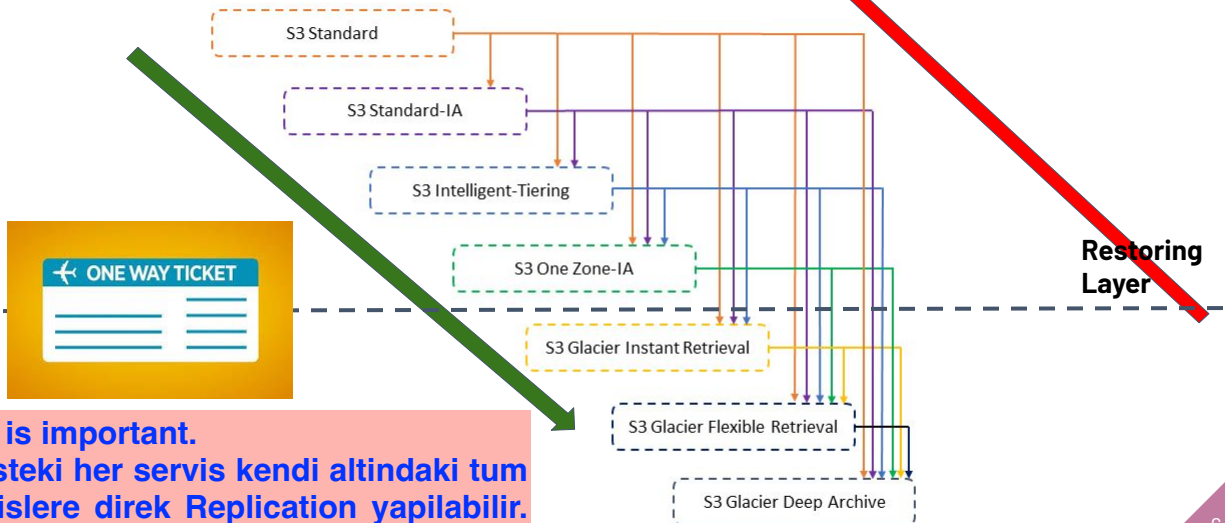
Tag:
Replication Rule da
TAG secilirse, delete
marker calismaz.

Prefix=Folder in Bucket Replication



Lifecycle Management

Transition



This is important.

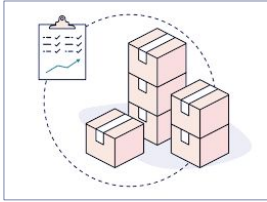
1. Usteki her servis kendi altindaki tum servislere direk Replication yapılabilir. S3 One Zone istisna.

2. Yukari gidis yok.



Lifecycle Management

Advantage of Lifecycle Management



- It provides you to **arrange your S3 inventory**,
- You can **save money** by transition the objects to the cost-effective storage class,
- You can **get rid of redundant objects**,



Lifecycle Management

Enabling Lifecycle Management

Lifecycle Management Path

S3>Bucket> **Management** > Lifecycle>Add a Lifecycle Rule

Replication da bucket icindeki seyler destination bucketa direk gitmez.

Source bucket a sonradan yuklediklerimiz belirledigimiz kurala göre destinatina gider.

Prefix

Tag gibi



2

Bucket Replication

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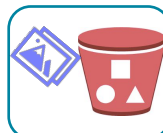


Bucket Replication

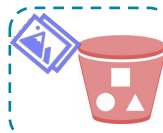
What is Bucket Replication?



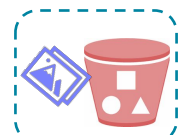
Region-A



Availability Zone-1



Availability Zone-2



Availability Zone-3

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Bucket Replication

What is Bucket Replication?



- Replication is to **copy** the objects in the buckets to **another bucket** in **different region** or in the **same region**.
- There are **2 types** of replication in S3:
 - **Cross-Region Replication (CRR)** is used to copy objects in different AWS Regions
 - **Same-Region Replication (SRR)** is used to copy objects in the same AWS Region



Bucket Replication

Replication Features



- Keep the object's **metadata** while replicating
- **Replicating in Different storage class**
- Option of changing ownership **of the** replicated object
- Synchronizing **within 15 minutes**.
- Narrowing replication based on **prefix or tag**



Bucket Replication

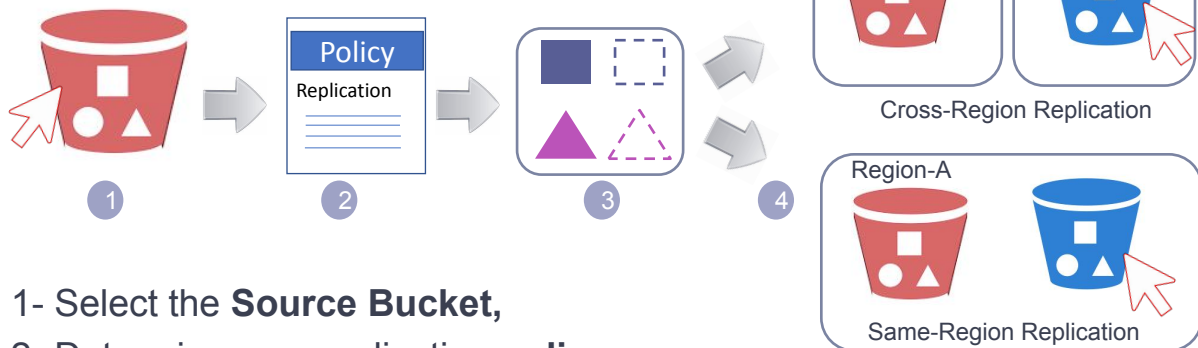
Why Replication?

- Compliance requirements
- Backup
- Minimize latency
- Aggregating related data into a single bucket.



Bucket Replication

How S3 Replication Works?





Bucket Replication

Creating Bucket Replication

Bucket Replication Path

S3>Bucket> **Management** > Bucket Replication >Add a Rule



Lifecycle Management & Bucket Replication

Let's get our hands dirty!

- Enabling Lifecycle Management
- Creating Bucket Replication



THANKS!

Any questions?

