



ondia

The logo for 'ondia' is centered on a white background. The word is written in a lowercase, rounded sans-serif font. The letters 'o', 'n', and 'd' are a medium purple, while 'i' and 'a' are a darker blue. A light blue and teal graphic element is positioned behind the 'd'. The background features four purple triangular accents in the corners, pointing towards the center.



AWS S3-2

AGENDA



- ▶ **Lifecycle Management**
- ▶ **Bucket Replication**



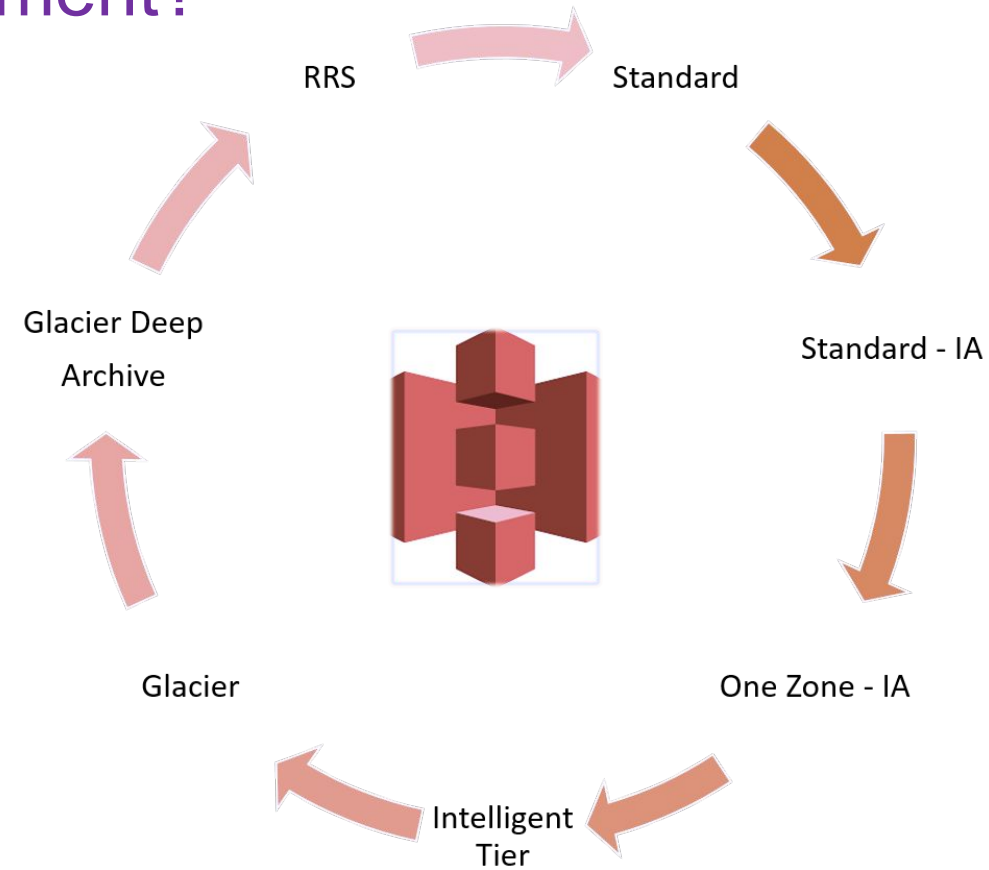
Lifecycle Management

Lifecycle Management

What is Lifecycle Management?

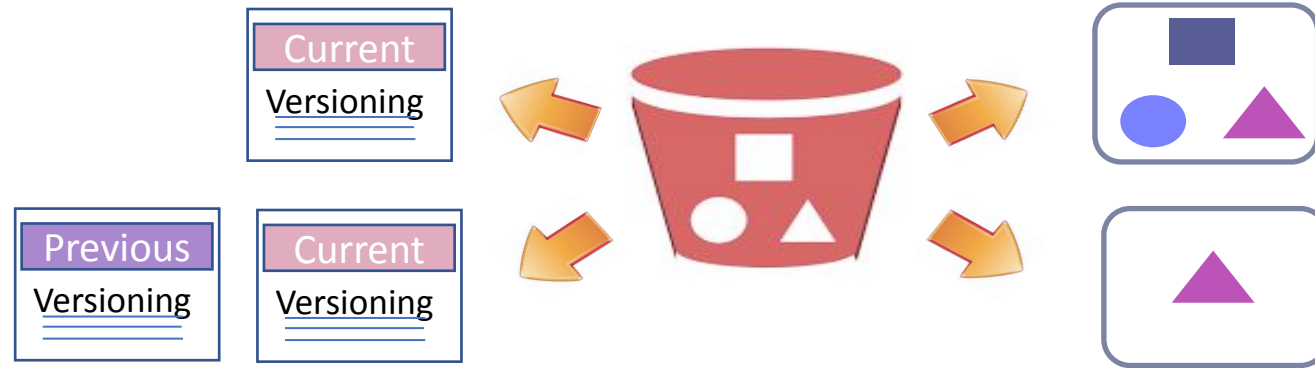


- Lifecycle management is to determine how an object will be subject to a **storage policy** during the time it is stored in S3.
- So, it is used to ;
 - Transition** objects to another storage class,
 - Archive** objects,
 - Delete** objects after a specified period of time.



Lifecycle Management

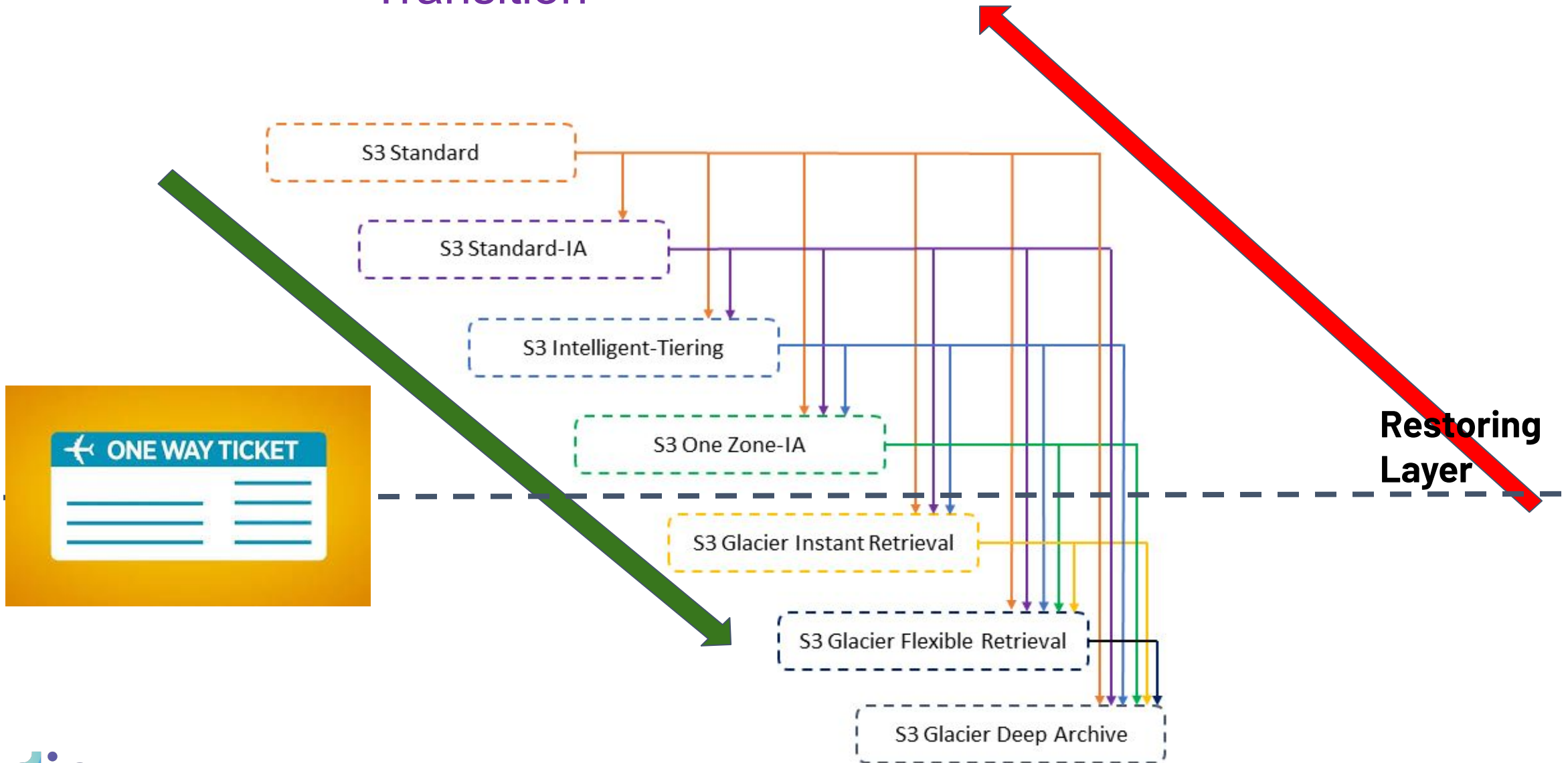
Lifecycle Management



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

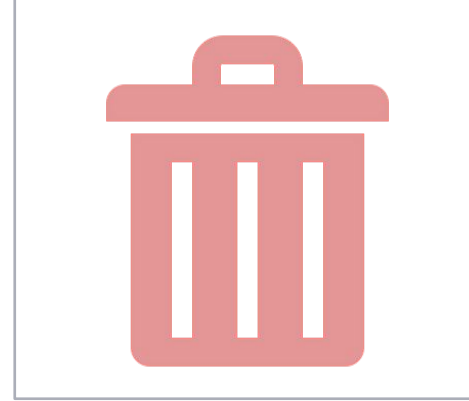
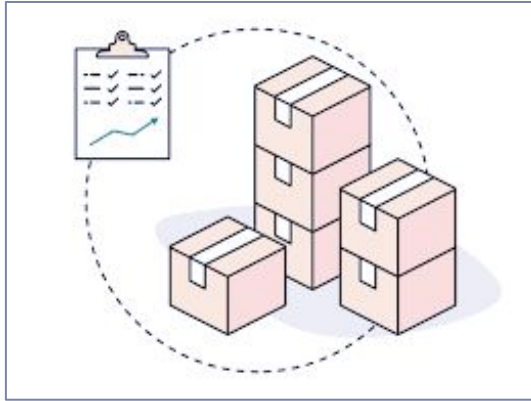
Lifecycle Management

Transition



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

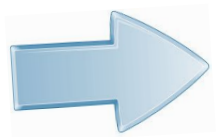


Bucket Replication

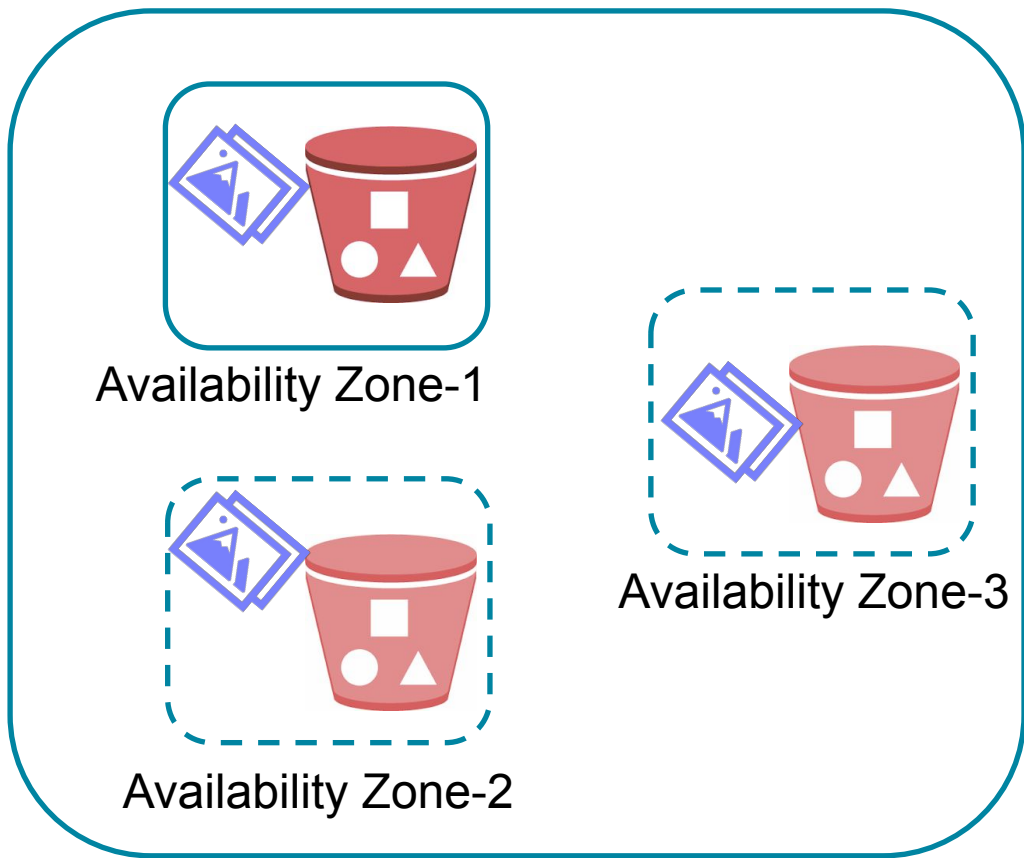


Bucket Replication

What is Bucket Replication?



Region-A





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

Why Replication?



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

Bucket Replication

Replication Features

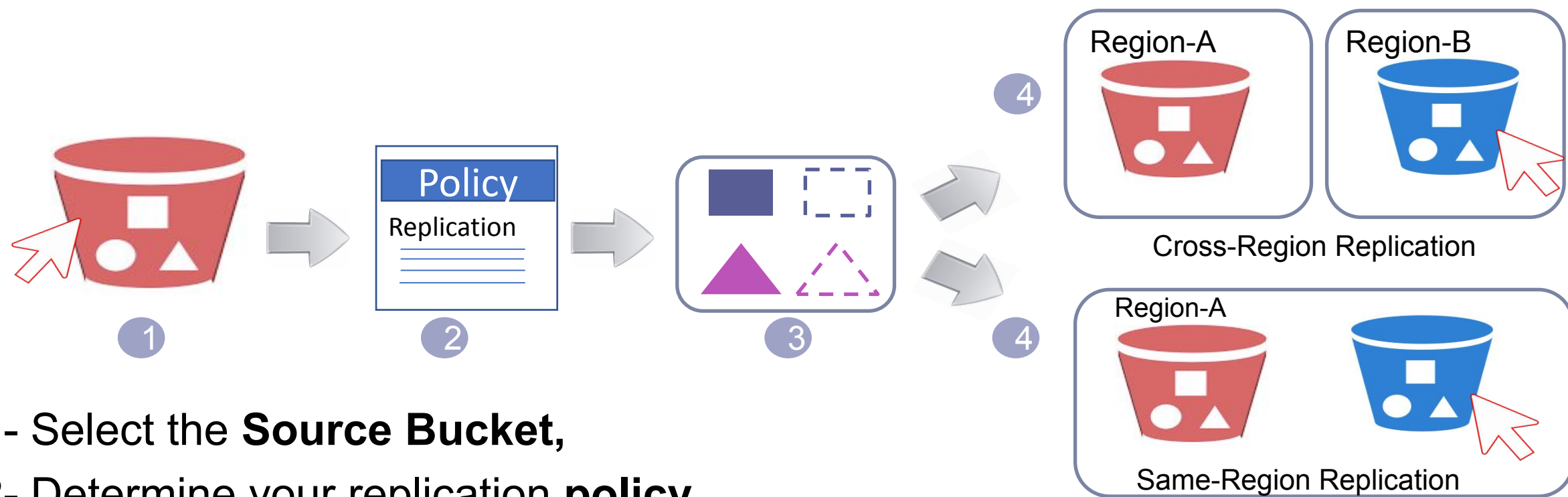


- Keep the object's metadata while replicating
- Replicating in Different storage class
- Option of changing ownership of the replicated object
- Synchronizing within 15 minutes.
- Narrowing replication based on prefix or tag



Bucket Replication

How S3 Replication Works?



- 1- Select the **Source Bucket**,
- 2- Determine your replication **policy**,
- 3- Select your data set by object **tag, prefix or entire bucket**,
- 4- Select the **Destination Bucket** in the same region or in different region.

Bucket Replication

Creating Bucket Replication



Bucket Replication Path

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

Let's get our hands dirty!

- Enabling Lifecycle Management
- Creating Bucket Replication



THANKS!

Any questions?

