BATCH : BATCH 85

LESSON : AWS DAY 7

DATE : 10.08.2022

SUBJECT : S3-2

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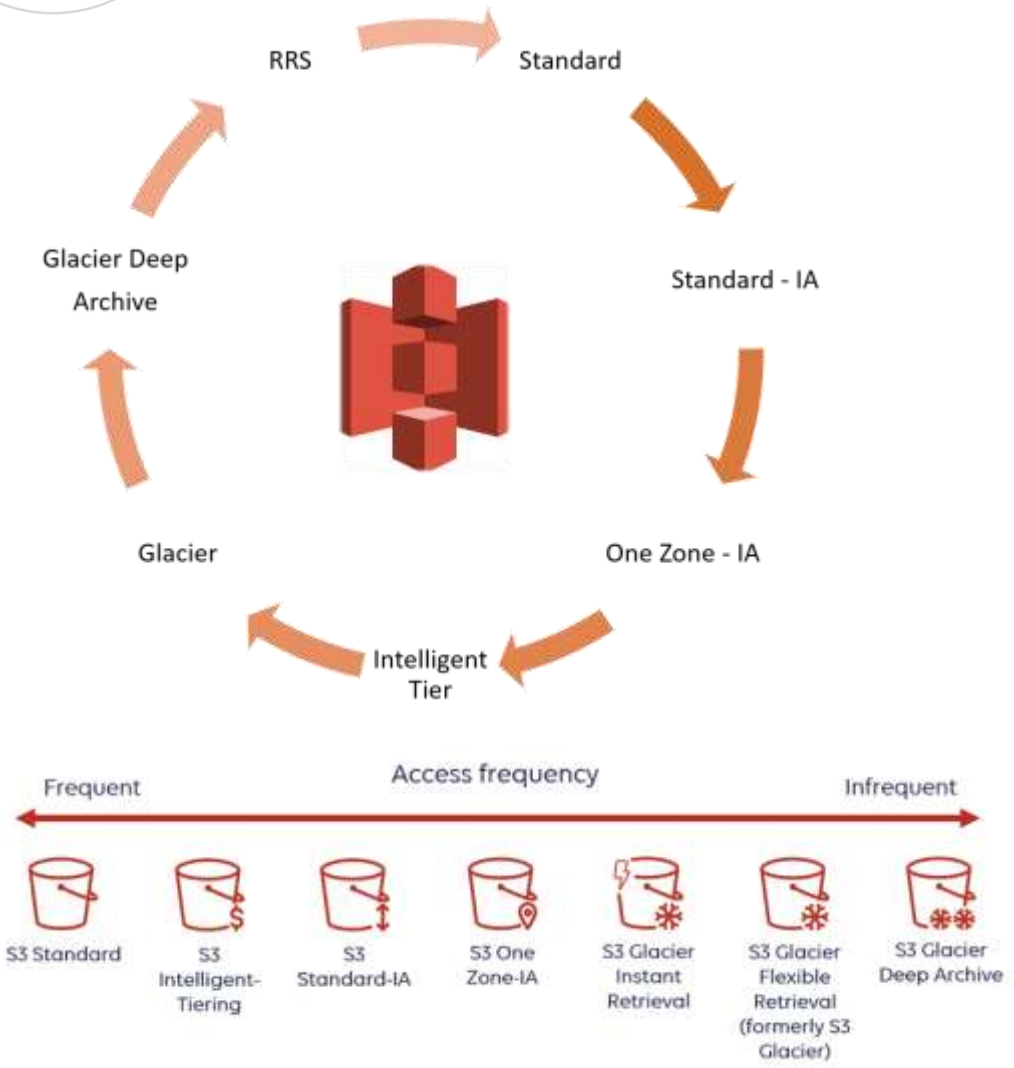
AWS Simple Storage Service(S3)

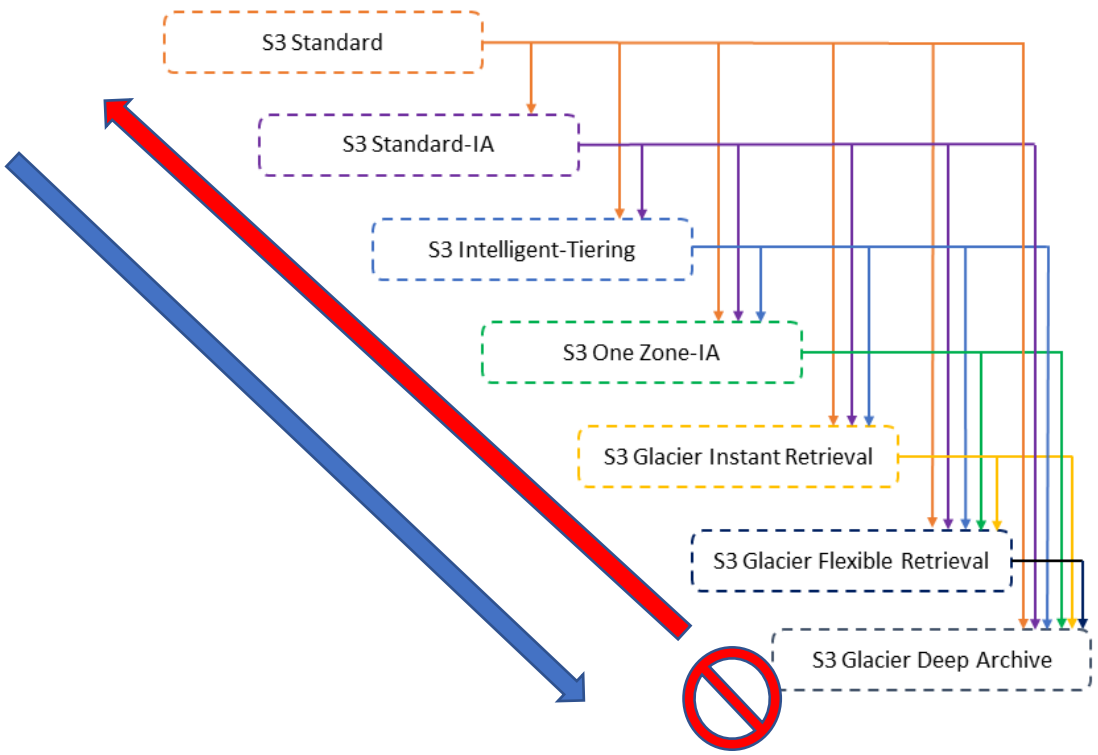
S3 Lifecycle Management



Lifecycle policies can be used to define actions that you want Amazon S3 to take during an object's lifetime. It is good for objects that have a defined lifecycle. Lifecycle policies,

- Transition objects to another storage class,
- Archive objects,
- Delete objects after a specified period of time.

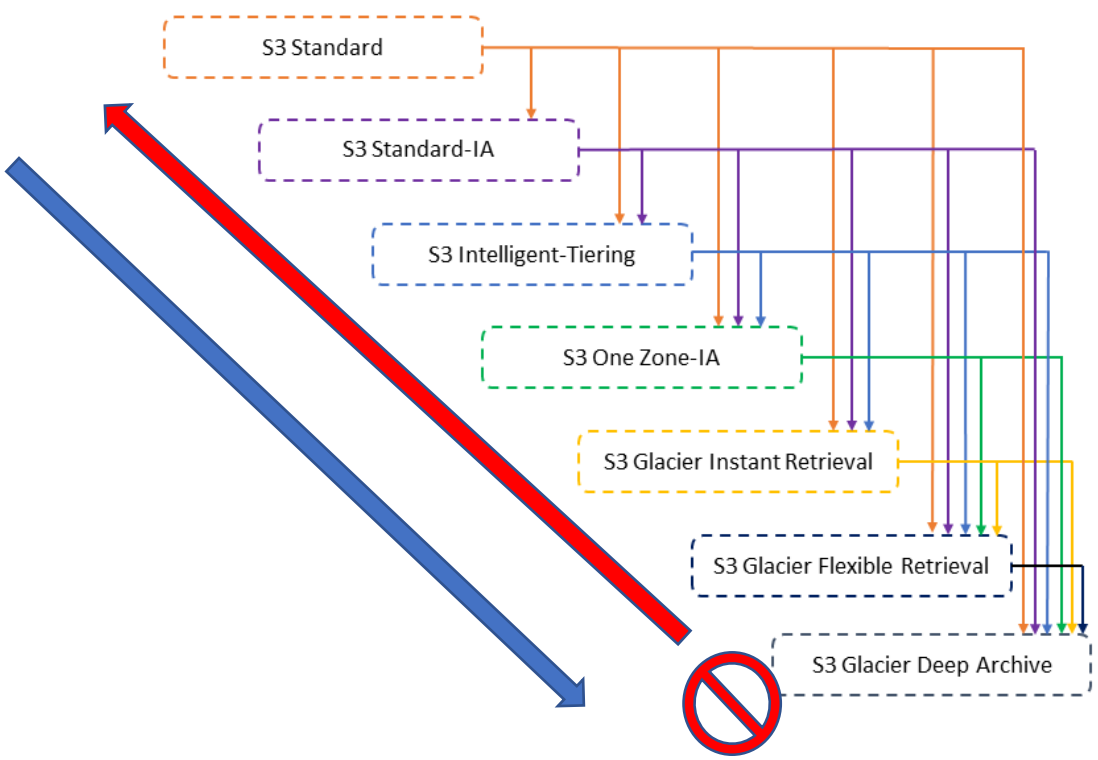
S3 Lifecycle Management



You **can** transition from the following:

- The S3 Standard storage class to any other storage class.
- Any storage class to the S3 Glacier Deep Archive storage class.
- Any storage class except S3 Glacier Deep Archive to the S3 Glacier Flexible Retrieval storage class.
- The S3 Standard-IA storage class to the S3 Intelligent-Tiering, S3 One Zone-IA, or S3 Glacier Instant Retrieval storage classes.
- The S3 Intelligent-Tiering storage class to the S3 One Zone-IA or S3 Glacier Instant Retrieval storage classes.
- The S3 Glacier Flexible Retrieval storage class to the S3 Glacier Deep Archive storage class.

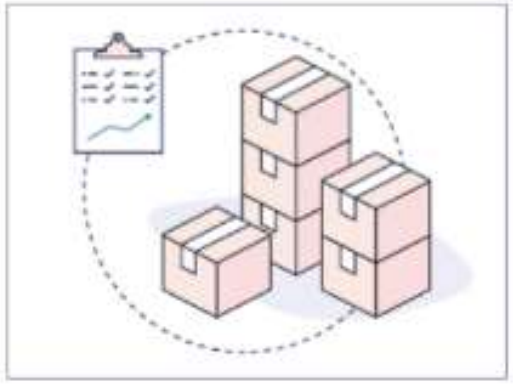
S3 Lifecycle Management



You **can not** transition from the following:

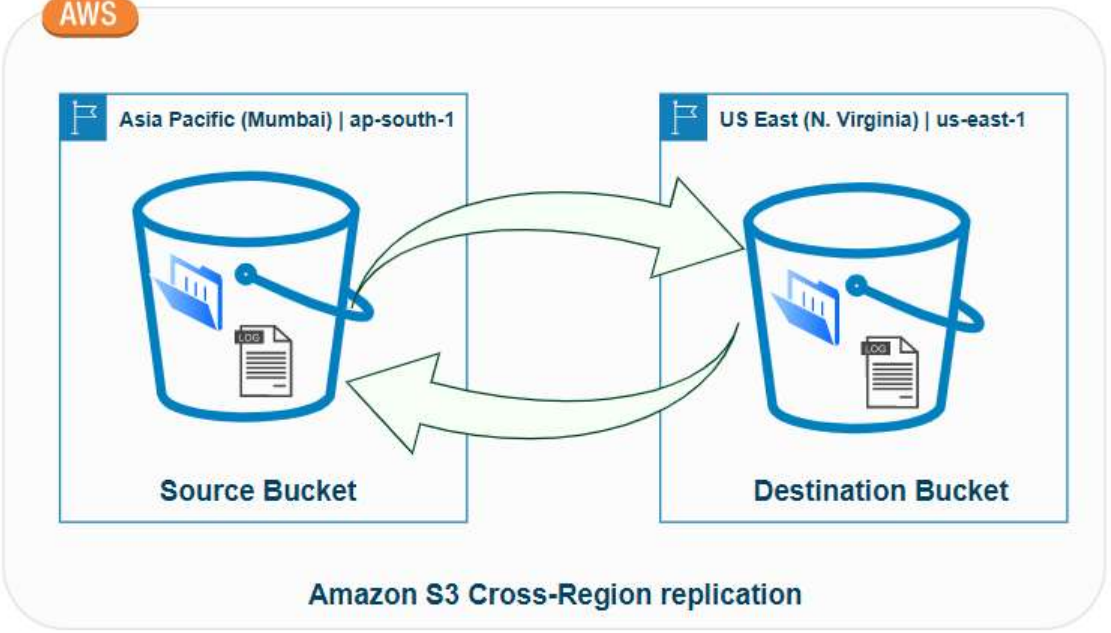
- Any storage class to the S3 Standard storage class.
- Any storage class to the Reduced Redundancy Storage (RRS) class.
- The S3 Intelligent-Tiering storage class to the S3 Standard-IA storage class.
- The S3 One Zone-IA storage class to the S3 Intelligent-Tiering, S3 Standard-IA, or S3 Glacier Instant Retrieval storage classes.

S3 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,

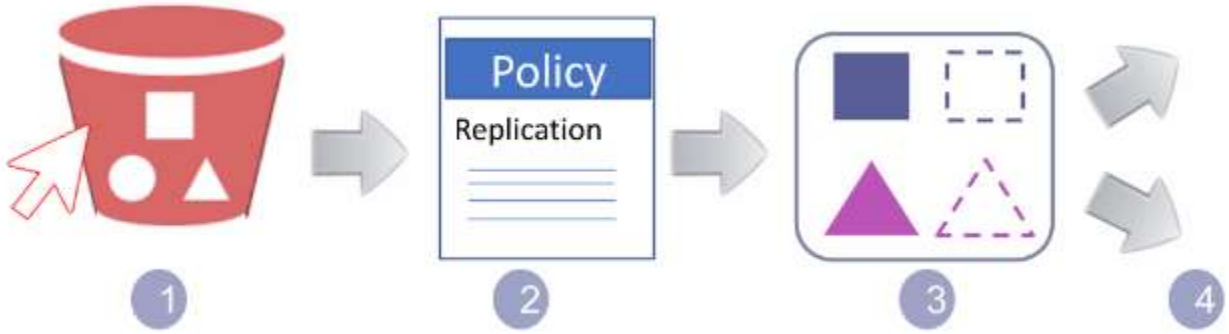
S3 Replication Rules

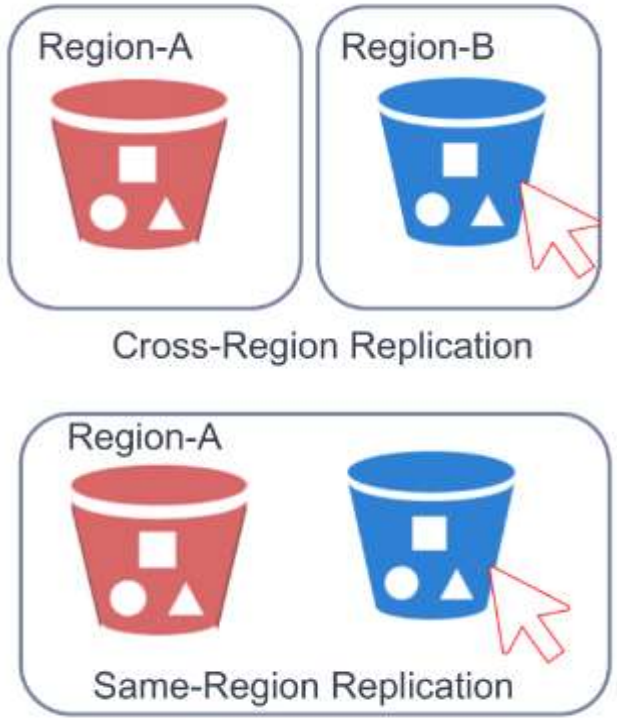


- **Cross-Region Replication (CRR)**
- **Same-Region Replication (SRR)**

- Replication is making a copy of the objects in the same AWS Region or different AWS Regions.
- Versioning for buckets must be on for replication.

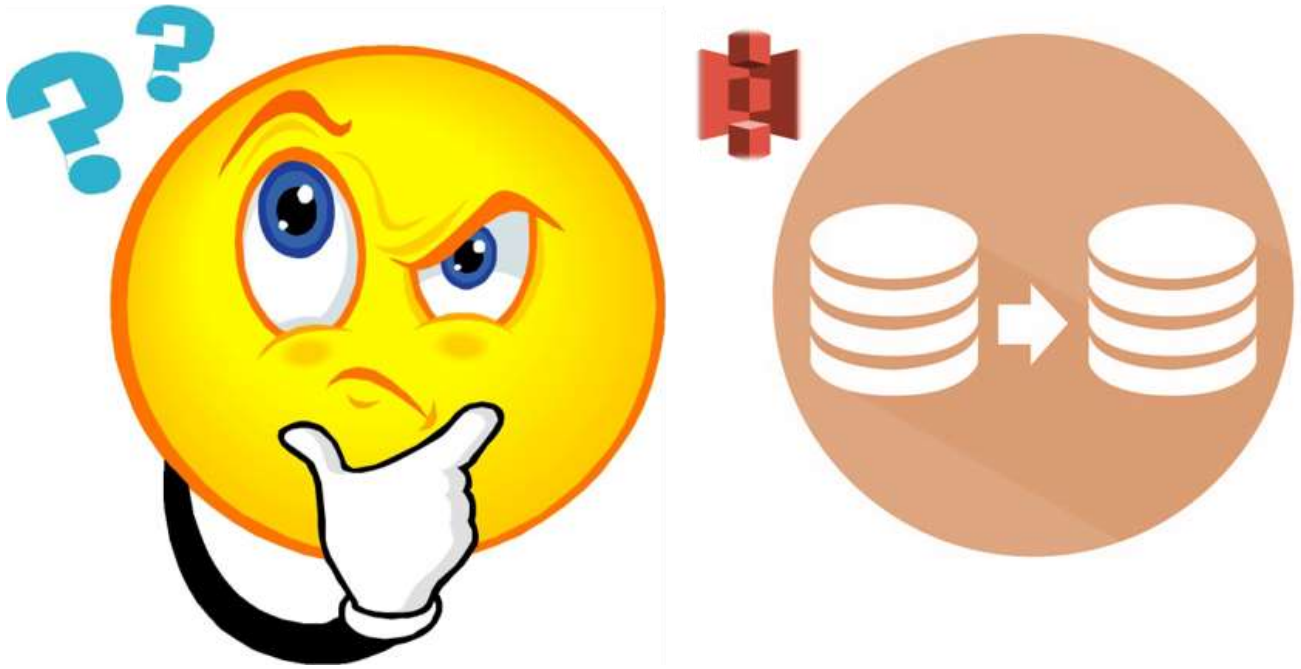
S3 Replication Rules



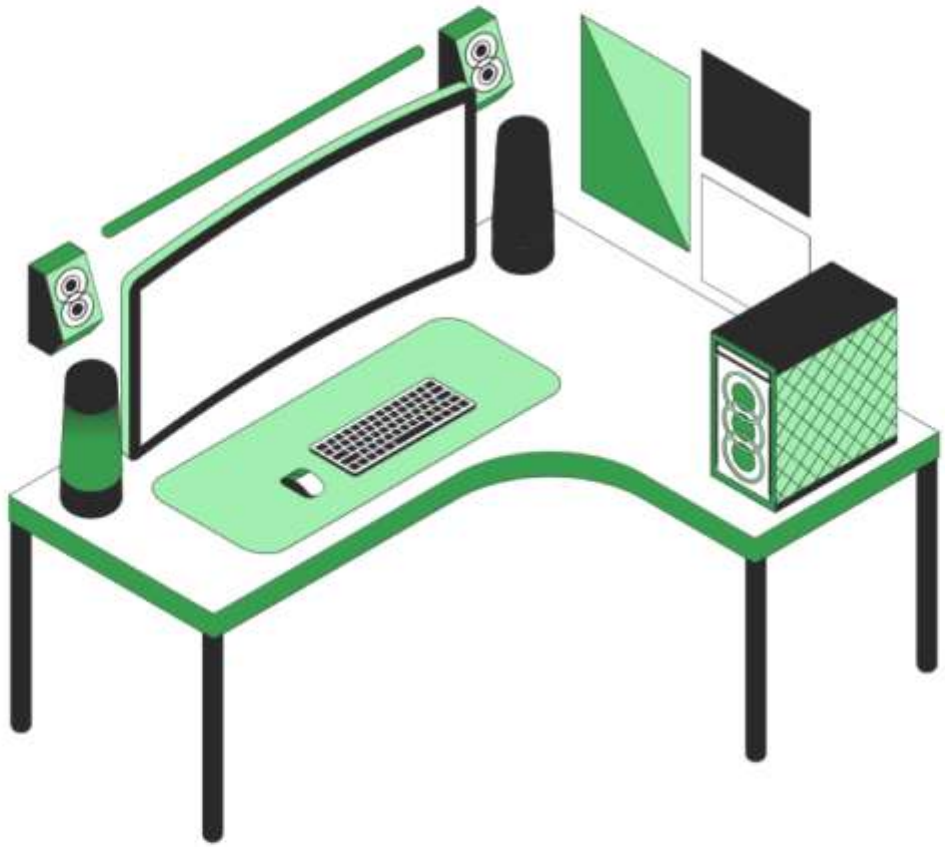


- 1. Select the **Source Bucket**
- 2. Determine your replication **policy,**
- 3.Select your data set by object **tag, prefix or entire bucket**
- 4.Select the **Destination Bucket** in the same region or in different region.

S3 Replication Rules



- Replicate objects while retaining metadata
- Replicate objects into different storage classes
- Maintain object copies under different ownership
- Replicate objects within 15 minutes



Do you have any questions?

Send it to us! We hope you learned something new.

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