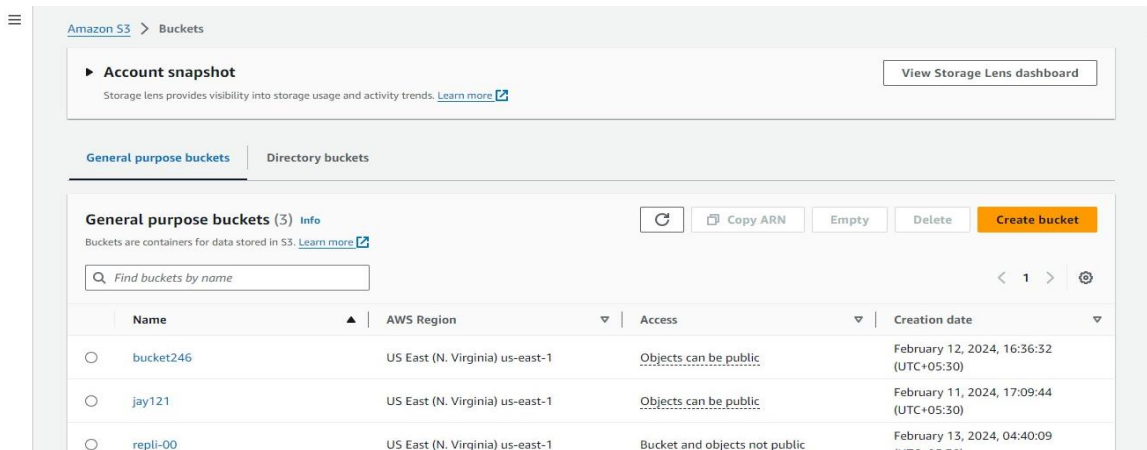


Lifecycle rules

lifecycle rule is a feature that allows you to automate the management of objects in your S3 buckets over time.

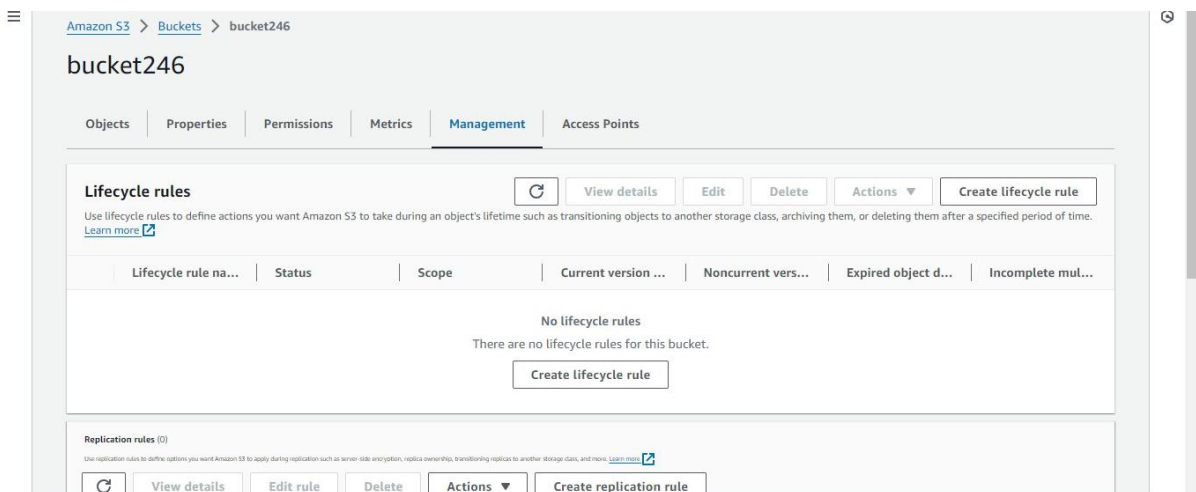
Steps:

1. First create the bucket.



2. To go the management console and choose create lifecycle rule.

3. Give rule name and specify or choose rule scope.



Amazon S3 > Buckets > bucket246 > Lifecycle configuration > Create lifecycle rule

Create lifecycle rule **Info**

Lifecycle rule configuration

Lifecycle rule name

rule1
Up to 255 characters

Choose a rule scope

☒ Limit the scope of this rule using one or more filters
☐ Apply to all objects in the bucket

Filter type

You can filter objects by prefix, object tags, object size, or whatever combination suits your usecase.

Prefix

Add filter to limit the scope of this rule to a single prefix.

prefix

Don't include the bucket name in the prefix. Using certain characters in key names can cause problems with some applications and protocols. [Learn more](#)

4. Define the actions to be taken on objects over time. For example, you can specify when objects should be transitioned to a different storage class, such as moving from Standard to Infrequent Access (IA) or Glacier.

Prefix

Add filter to limit the scope of this rule to a single prefix.

prefix

Don't include the bucket name in the prefix. Using certain characters in key names can cause problems with some applications and protocols. [Learn more](#)

Object tags

You can limit the scope of this rule to the key/value pairs added below.

Add tag

Object size

You can limit the scope of this rule to apply to objects based on their size. For example, you can filter out objects that might not be cost effective to transition to Glacier Flexible Retrieval (formerly Glacier) because of per-object fees.

☒ Specify minimum object size

Minimum object size

The filter will allow objects larger than the entered value.

1 GB 1,073,741,824 bytes

Must be a positive number 0.8 or larger.

☐ Specify maximum object size

Lifecycle rule actions

Transition current versions of objects between storage classes

Choose transitions to move current versions of objects between storage classes based on your use case scenario and performance access requirements. These transitions start from when the objects are created and are consecutively applied. [Learn more](#)

Choose storage class transitions	Days after object creation	
<input type="text" value="Standard IA"/>	<input type="text" value="60"/>	<button>Remove</button>
<input type="text" value="Intelligent Tiering"/>	<input type="text" value="120"/>	<button>Remove</button>
<input type="text" value="One Zone IA"/>	<input type="text" value="150"/>	<button>Remove</button>
<input type="text" value="Glacier Flexible Retrieval (formerly Glacier)"/>	<input type="text" value="300"/>	<button>Remove</button>
<input type="text" value="Glacier Deep Archive"/>	<input type="text" value="1000"/>	<button>Remove</button>

[Add transition](#)

⚠️ Transitioning small objects to Glacier Flexible Retrieval (formerly Glacier) or Glacier Deep Archive will incur a per object cost

You will be charged for each object you transition to S3 Glacier Flexible Retrieval (formerly Glacier) or S3 Glacier Deep Archive. A fixed amount of storage is also added to each object to accommodate metadata for managing the object which increases storage costs. You can reduce these costs by limiting the number of objects to transition (by prefix, tag, or version), or by aggregating objects before transitioning them. Learn more about [Glacier Flexible Retrieval \(formerly Glacier\) cost considerations](#) or review the table on Requests and data retrievals tab on [the Amazon S3 pricing page](#).

- ☒ I acknowledge that this lifecycle rule will incur a one-time lifecycle request cost per object if it transitions small objects.

Day 150

- Objects move to One Zone-IA

↓

Day 500

- Objects move to Glacier Flexible Retrieval (formerly Glacier)

↓

Day 1000

- Objects move to Glacier Deep Archive

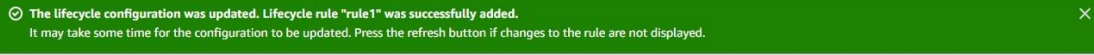
↓

Day 1200

- Objects expire

Cancel

Create rule

Lifecycle configuration [Info](#)

To manage your objects so that they are stored cost effectively throughout their lifecycle, configure their lifecycle. A lifecycle configuration is a set of rules that define actions that Amazon S3 applies to a group of objects. Lifecycle rules run once per day.

[View details](#)

Edit

Delete

Actions ▼

Create lifecycle rule

Use lifecycle rules to define actions you want Amazon S3 to take during an object's lifetime such as transitioning objects to another storage class, archiving them, or deleting them after a specified period of time. [Learn more](#)

 Find lifecycle rules by name

< 1 >

	Lifecycle rule ... ▾	Status ▾	Scope ▾	Current versio... ▾	Noncurrent ve... ▾	Expired object... ▾	Incomplete m... ▾
○	rule1	✔ Enabled	Filtered	Transition to Standard	Permanently delete	-	-