aws   Search [Option+S]   United States (N. Virginia) ▾   Admin_Darron-TEST @ 8257-6542-3090 ▾

Amazon S3 > Buckets > test-storage-classes-buck3t

test-storage-classes-buck3t Info

| Objects | Metadata | Properties | Permissions | Metrics | Management | Access Points |

Objects (1)

Copy S3 URI   Copy URL   Download   Open ⧉   Delete   Actions ▾   Create folder   ⬆ Upload

Objects are the fundamental entities stored in Amazon S3. You can use Amazon S3 inventory ⧉ to get a list of all objects in your bucket. For others to access your objects, you'll need to explicitly grant them permissions. Learn more ⧉

🔍 Find objects by prefix

< 1 >

	Name ▲	Type ▽	Last modified ▽	Size ▽	Storage class ▽
☐	📄 beach.jpg	jpg	April 3, 2025, 22:50:22 (UTC-05:00)	85.8 KB	Standard

Standard storage class set

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Amazon S3 > Buckets > test-storage-classes-buck3t > Edit storage class

Edit storage class Info

This action creates a copy of the object with updated settings and a new last-modified date. You can change the storage class without making a new copy of the object using a lifecycle rule. View copy restrictions and limitations ↗

Storage class

Amazon S3 offers a range of storage classes designed for different use cases. Learn more ↗ or see Amazon S3 pricing ↗

> Changing the desired storage class on a specific object

	Storage class	Designed for	Availability Zones	Min storage duration	Min billable object size	Monitoring and auto-tiering fees	Retrieval fees
○	Standard	Frequently accessed data (more than once a month) with milliseconds access	≥ 3	-	-	-	-
○	Intelligent-Tiering	Data with changing or unknown access patterns	≥ 3	-	-	Per-object fees apply for objects >= 128 KB	-
⦿	Standard-IA	Infrequently accessed data (once a month) with milliseconds access	≥ 3	30 days	128 KB	-	Per-GB fees apply
○	One Zone-IA	Recreatable, infrequently accessed data (once a month) with milliseconds access	1	30 days	128 KB	-	Per-GB fees apply
○	Glacier Instant Retrieval	Long-lived archive data accessed once a quarter with instant retrieval in milliseconds	≥ 3	90 days	128 KB	-	Per-GB fees apply
○	Glacier Flexible Retrieval (formerly Glacier)	Long-lived archive data accessed once a year with retrieval of minutes to hours	≥ 3	90 days	-	-	Per-GB fees apply
○	Glacier Deep Archive	Long-lived archive data accessed less than once a year with retrieval of hours	≥ 3	180 days	-	-	Per-GB fees apply
○	Reduced redundancy	Noncritical, frequently accessed data with milliseconds access (not recommended as S3 Standard is more cost effective)	≥ 3	-	-	-	Per-GB fees apply

Specified objects

🔍 Find objects by name

Name	▲	Type	▽	Last modified	▽	Size	▽	Storage class	▽
📄 beach.jpg ↗		jpg		April 3, 2025, 22:50:22 (UTC-05:00)			85.8 KB	Standard	

Additional copy settings

⦿ Copy source settings
Source object settings are copied for object tags, metadata, server-side encryption, and additional checksums

○ Don't specify settings
No settings are specified for ACLs, object tags, metadata, server-side encryption, and additional checksums

○ Specify settings
Specify settings for ACLs, object tags, metadata, server-side encryption, and additional checksums

aws ⊞ 🔍 Search [Option+S]   ⧉ 🔔 ? ⚙ United States (N. Virginia)▾ Admin Darron-TEST @ 8257-6542-3090▾

Amazon S3 > Buckets > test-storage-classes-buck3t > Lifecycle configuration > Create lifecycle rule   ⓘ ↗ ⊕

Create lifecycle rule   Info

Lifecycle rule configuration

Lifecycle rule name

[testLifecycle]

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

⚠ **Apply to all objects in the bucket**
If you want the rule to apply to specific objects, you must use a filter to identify those objects. Choose "Limit the scope of this rule using one or more filters". Learn more ↗

☑ I acknowledge that this rule will apply to all objects in the bucket.

Lifecycle rule actions
Choose the actions you want this rule to perform.

☑ Transition current versions of objects between storage classes
This action will move current versions.
☐ Transition noncurrent versions of objects between storage classes
This action will move noncurrent versions.
☐ Expire current versions of objects
☐ Permanently delete noncurrent versions of objects
☐ Delete expired object delete markers or incomplete multipart uploads
These actions are not supported when filtering by object tags or object size.

⚠ **Transitions are charged per request**
For a lifecycle transition action, each request corresponds to an object transition. For details on lifecycle transition pricing, see requests pricing info on the requests pricing info on the **Storage & requests** tab of the Amazon S3 pricing page ↗.
☐ I acknowledge that this lifecycle rule will incur a transition cost per request

ⓘ **By default, objects less than 128KB will not transition across any storage class**
We don't recommend transitioning objects less than 128 KB because the transition costs can outweigh the storage savings. If your use case requires transitioning objects less than 128 KB, specify a minimum object size filter for each applicable lifecycle rule with a transition action.

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

[Standard-IA ▾]   [30 ⇕]   [Remove]

[Intelligent-Tiering ▾]   [20 ⇕]   [Remove]
The integer value for Intelligent-Tiering must be at least 30 more than the value for Standard-IA.

[One Zone-IA ▾]   [10 ⇕]   [Remove]
The integer value for One Zone-IA must be at least 30 more than the value for Intelligent-Tiering.

[Glacier Flexible Retrieval (formerly Glacier) ▾] [5 ⇕] [Remove]
The integer value for Glacier Flexible Retrieval (formerly Glacier) must be at least 30 more than the value for One Zone-IA.

[Add transition]

> Creating a lifecycle rule for the bucket and all of its objects within. Allowing for preset storage class changess

One Zone-IA ▼	10 ⬍	Remove

The integer value for One Zone-IA must be at least 30 more than the value for Intelligent-Tiering.

Glacier Flexible Retrieval (formerly Glacier) ▼	5 ⬍	Remove

The integer value for Glacier Flexible Retrieval (formerly Glacier) must be at least 30 more than the value for One Zone-IA.

Add transition

Review transition and expiration actions

Current version actions

Day 0
- Objects uploaded

↓

Day 5
- Objects move to Glacier Flexible Retrieval (formerly Glacier)

↓

Day 10
- Objects move to One Zone-IA

↓

Day 20
- Objects move to Intelligent-Tiering

↓

Day 30
- Objects move to Standard-IA

Noncurrent versions actions

Day 0
No actions defined.

Final preview of the predefined conditions in the lifecycle rule, specifying the number of days before objects transition to a different storage class.

Cancel   Create rule