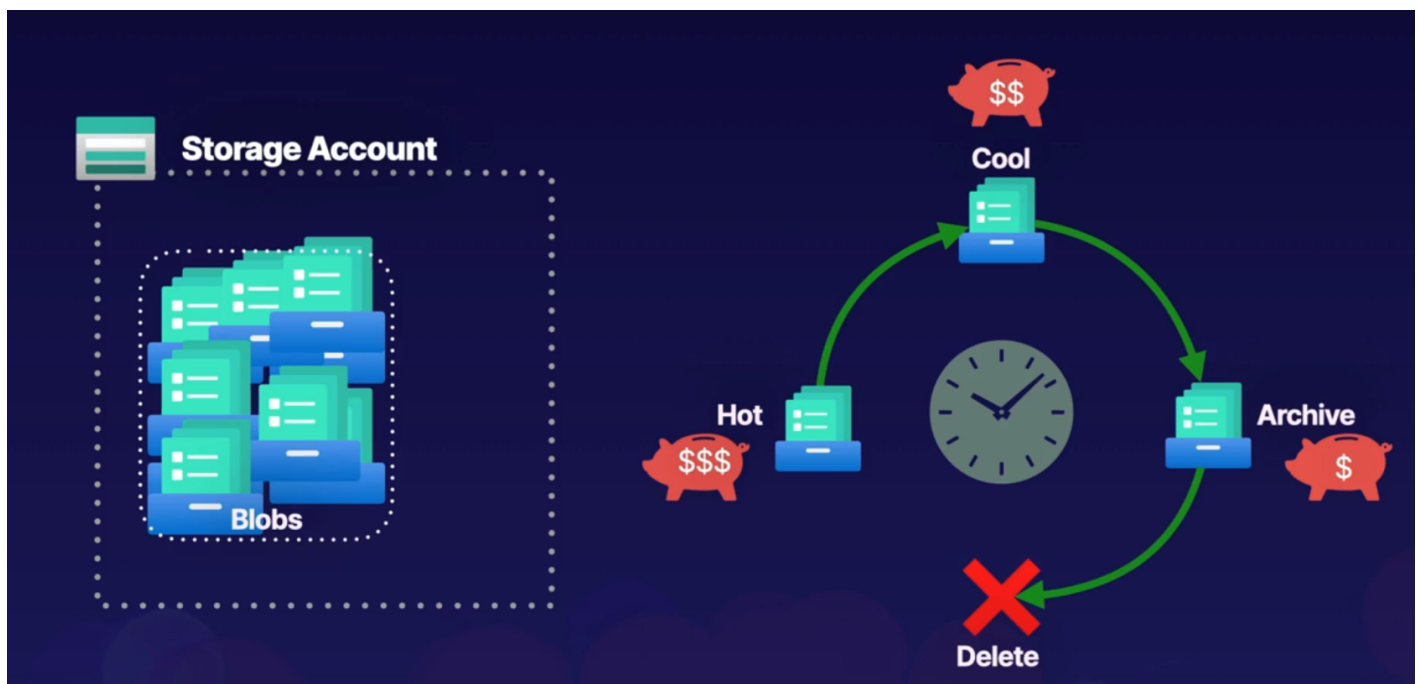


AZ-104 Azure - Configuring Blob Lifecycle Management

Lifecycle Management Concepts

Azure Blob Storage service feature that enables automation to manage lifecycle operations of blobs.

- Automate blob lifecycle: Easily manage blob life-cycles from frequent use to archive or deletion
- Move access tiers: Switch blobs between tiers to meet access or usage needs.
- Optimize cost: Save money by decreasing admin overhead and tiering blobs based on usage requirements.



Let's add random files to our container and add a lifecycle rule

Storage accounts

PluralSight Cloud (realhandsonlabs.com)

+ Create Restore ...

Filter for any field...

Name ↑

- deststorageaccountcloud1
- srcstorageaccountcloud1

srcstorageaccountcloud1 | Lifecycle management

Storage account

Search

+ Add a rule Enable Disable Refresh Delete Give feedback

Lifecycle management offers a rich, rule-based policy for general purpose v2 and blob storage accounts. Use the policy to transition your data to the appropriate access tiers or expire at the end of the data's updated policy may take up to 48 hours to complete. [Learn more](#)

List View Code View

Enable access tracking

Name	Status	Blob type
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No rules

Security + networking

- Networking
- Front Door and CDN
- Access keys
- Shared access signature
- Encryption
- Microsoft Defender for Cloud

Data management

- Storage tasks (preview)
- Redundancy
- Data protection
- Object replication
- Blob inventory
- Static website
- Lifecycle management
- Azure AI Search





Add a rule ...

- 1 Details
- 2 Base blobs
- 3 Filter set

A rule is made up of one or more conditions and actions that apply to the entire storage account. Optionally, specify that rules will apply to particular blobs by limiting with filters.

Rule name *

Rule scope *

- Apply rule to all blobs in your storage account
- Limit blobs with filters

Blob type *

- Block blobs
- Append blobs



Blob subtype *

- Base blobs
- Snapshots
- Versions



Home > Storage accounts > srcstorageaccountcloud1 | Lifecycle management >


Add a rule ...

✓ Details **2 Base blobs**

Lifecycle management uses your rules to automatically move blobs to cooler tiers or to delete them. If you create multiple rules, the associated actions must be implemented in tier order (from hot to cool storage, then archive, then deletion).


If

Base blobs were *

Last modified 


Created

More than (days ago) *

30 

↓

Then

Move to cool storage 

Move to cool storage
For infrequently accessed data that you want to keep on cool storage for at least 30 days.

Move to cold storage
For rarely accessed data that you want to keep for at least 90 days.

Move to archive storage
Use if you don't need online access and want to keep the object for 180 days or longer.

Delete the blob
Deletes the object per the specified conditions.

we can also specify a filter to modify only those inside our testcontainer/folder

Home > Storage accounts > srcstorageaccountcloud1 | Lifecycle management >

Add a rule ...

✔ Details ✔ Base blobs **3** Filter set

Blob prefix

Filter blobs by name or first letters. To find items in a specific container, enter the name of the container followed by a forward slash, then the blob name or first letters. For example, to show all blobs starting with "a", type: "mycontainer/a".

Blob prefix

Enter a prefix or file path such as "mycontainer/prefix"

Blob index match

If you have indexed items in containers with keys and values, you can filter for them.

Key

Value

Previous

Add

Now after 30 days all our blobs will move from hot to cold.

- Storage accounts: Support GPv2 storage accounts and blob storage accounts.
- Types and Sub-types: Support block and append blobs and support sub-types such as based blobs snapshots and versions.

- Filtering: filter blobs in the rule using prefix or blob index matches.
- Scoping: Scope at the storage account or limit blobs with filters.
- If/Then Logic: Uses logic in lifecycle rules to move blobs through access tiers based on modification and access times.

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