

Cloud File Storage

Releases Notes and Announcements

Product Documentation



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Contents

Releases Notes and Announcements

Release Notes

Announcements

Notice on CFS Billing Adjustments for Finance Zones

Snapshot Commercialization Announcement

Releases Notes and Announcements

Release Notes

Last updated : 2023-08-10 16:27:44

June 2023

Update	Description	Documentation
Turbo file systems support snapshot	Turbo file systems support the snapshot feature.	Snapshot
Turbo file systems support scaling policies	Turbo file systems supports a custom auto scaling policy that automatically expands the capacity when the configured threshold is reached.	-

May 2023

Update	Description	Documentation
Turbo file systems support data lifecycle management	Users can configure data lifecycle policies for tiered storage of hot/cold data to reduce file storage costs.	Lifecycle Management

February 2023

Update	Description	Documentation
Turbo file systems support data encryption	AES-256 data encryption is supported.	Data Encryption

October 2022

Update	Description	Documentation
Turbo file systems	Storage capacity and file count limits can be set by	User Quotas

support user quotas

UID/GID.

September 2022

Update	Description	Documentation
Launched the data migration service	The migration service capability is provided for users to migrate data from object storage to file storage using the console.	Data Migration Service

November 2021

Update	Description	Documentation
Launched snapshot for Standard/High-Performance CFS	The snapshot feature is available.	Snapshot

December 2020

Update	Description	Documentation
Launched Turbo CFS	Standard & High-Performance Turbo parallel file storage is released for AI, HPC, and image rendering scenarios.	Storage Classes and Performance

May 2019

Update	Description	Documentation
Launched High-Performance CFS	High-Performance CFS is released for scenarios that require lower latency and higher performance.	Storage Classes and Performance

April 2018

Update	Description	Documentation
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Update	Description	Documentation
Launched CFS	CFS offers standard NFS and CIFS/SMB file system access protocols to provide shared data sources for multiple CVM instances or other computing services. It supports elastic capacity expansion and performance scaling. CFS can be mounted on existing applications without modification. As a highly available and reliable distributed file system, CFS is suitable for various scenarios such as big data analysis, media processing, and content management.	Overview

Announcements

Notice on CFS Billing Adjustments for Finance Zones

Last updated : 2023-08-08 16:51:42

From September 1, 2022 at 00:00 (UTC +8), for Cloud File Storage (CFS) users using resources in the finance zones in the Chinese mainland, pay-as-you-go billing will not be based on the prices in the Chinese mainland. After this adjustment, you are charged at the prices for finance zones in the region, and the file system offers bills by instance. Please note your bill changes. For pay-as-you-go published prices, see [General Series Billing > Pay-As-You-Go \(Postpaid\)](#).

Note:

You can log in to the [CFS console](#) to adjust usage of the file system. For any query, [click here](#) or [submit a ticket](#) to contact us.

Snapshot Commercialization Announcement

Last updated : 2023-08-09 15:57:05

The CFS snapshot feature was **commercialized** on December 10, 2022 at 00:00:00 (UTC+8). All snapshots are now billed based on the snapshot size.

Billing overview

Billing rules

Billing mode: Fees are charged based on the total size of your snapshots. Currently, only the **pay-as-you-go** mode is supported, with hourly settlement.

Payments overdue: Once your Tencent Cloud account has overdue payments, snapshot-related operations are immediately suspended, including creation, rollback, cross-region replication, and scheduled snapshot policies, and all snapshots will be deleted 7 days later.

Pricing

Product Type	Region	Unit Price
Snapshot	Chinese mainland	0.017 USD/GiB/month (0.00002381 USD/GiB/hour)
	Finance zones in the Chinese mainland	0.027 USD/GiB/month (0.00003810 USD/GiB/hour)
	United States	0.025 USD/GiB/month (0.00003536 USD/GiB/hour)
	Europe, Southeast Asia, and Hong Kong/Macao/Taiwan (China)	0.028 USD/GiB/month (0.00003929 USD/GiB/hour)

Billing examples

The following table describes how the CFS snapshot feature is billed:

Region	Snapshot Size	Details
North China (Beijing)	A scheduled snapshot policy is set for the file system cfs-1234, and 10 snapshots with a total size of 100 GB have been created.	Hourly cost: $100 \times 0.00002381 = 0.002381$ USD/hour Monthly cost: $0.00002381 \times 24 \times 30 = 1.71$ USD

Use directions

Tencent Cloud provides the following two methods for you to create snapshots:

Manual snapshot: Manually back up the data of a CFS file system at any point in time as a snapshot, which can be used to create more identical file systems or, in the future, restore the file system to its state at that point in time. For more information, see [Creating Snapshots](#).

Scheduled snapshot: If your business data changes frequently, you can use scheduled snapshots to provide continuous data backups. To achieve continuous backups of file system data over a certain time period, you only need to configure snapshot policy and associate it with file systems, significantly enhancing data security. For more information, see [Scheduled Snapshot](#).

How to effectively reduce snapshot costs after commercialization

For users who plan to continue using snapshots

Delete snapshots no longer in use.

Reduce the creation frequency of snapshot for non-core businesses.

Reduce the retention time of snapshots for non-core businesses.

Scenario	Snapshot Policy	Recommended Snapshot Retention
Core product/service	Use scheduled snapshots, with a frequency of once per day.	7-30 days
Non-core and non-data product/service	Use scheduled snapshots, with a frequency of once per week.	7 days
Archive	Scheduled snapshot is not required. You can create snapshots manually whenever needed.	One month to several months
Test	Scheduled snapshot is not required. You can create snapshots manually whenever needed.	Deleted after being used

For users who plan to stop using snapshots

Check and delete existing snapshots: Check and delete stored snapshots in each region. For operation instructions, see [Deleting Snapshots](#).

Check and modify scheduled snapshot policies: Check existing policies of each region, delete or disable them to prevent the generation of more scheduled snapshots. For operation instructions, see [Scheduled Snapshots](#).