

Alibaba Cloud 云存储网关

Pricing

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Document conventions

Style	Description	Example
	A danger notice indicates a situation that will cause major system changes, faults, physical injuries, and other adverse results.	 Danger: Resetting will result in the loss of user configuration data.
	A warning notice indicates a situation that may cause major system changes, faults, physical injuries, and other adverse results.	 Warning: Restarting will cause business interruption. About 10 minutes are required to restart an instance.
	A caution notice indicates warning information, supplementary instructions, and other content that the user must understand.	 Notice: If the weight is set to 0, the server no longer receives new requests.
	A note indicates supplemental instructions, best practices, tips, and other content.	 Note: You can use Ctrl + A to select all files.
>	Closing angle brackets are used to indicate a multi-level menu cascade.	Click Settings > Network > Set network type.
Bold	Bold formatting is used for buttons, menus, page names, and other UI elements.	Click OK .
Courier font	Courier font is used for commands.	Run the <code>cd /d C:/window</code> command to enter the Windows system folder.
<i>Italic</i>	Italic formatting is used for parameters and variables.	<code>bae log list --instanceid Instance_ID</code>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>

Style	Description	Example
{a b}	This format is used for a required value, where only one item can be selected.	switch { <i>active stand</i> }

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1 Pricing

This topic describes the billing items and billing methods of Cloud Storage Gateway (CSG).

For more information about the pricing of CSG resources, see [Pricing of CSG](#).

Billing items

CSG includes in-cloud gateways and local gateways. The billing items of these gateways are different.

- **In-cloud gateways**

Gateways deployed in Alibaba Cloud are billed based on the specifications and cache types of the gateways.

- **On-premises gateways**

Gateways deployed on the premises run with your own virtual machines and cache resources. Alibaba Cloud only charges for the gateway software license.

Billing methods

CSG supports the subscription and Pay-As-You-Go billing methods.

- **The system runs the Pay-As-You-Go billing method in this way: Actual consumption × Unit price. The actual consumption is calculated by hour, and the charges for the actual consumption are deducted from your account balance. For example, if you receive a bill at 9:30, the bill covers the charges for the consumption from 8:00 to 9:00.**



Note:

The billing system has a latency, so you may not timely obtain the bill for the previous hour. For example, the bill you view at 9:30 may cover the consumption from 7:00 to 8:00.

- **You can also use the [subscription](#) billing method. The corresponding purchase plan provides more discounts than the Pay-As-You-Go billing method.**

Other charges

When you use the CSG service, you may be charged for other services as follows:

- OSS

You own the Object Storage Service (OSS) resources in CSG, so you have to pay for the charges for access to OSS from CSG. These charges include storage fees, traffic fees, request fees, and data retrieval fees. For more information, see [Pricing of OSS](#).

- **Storage fees:** Files written to gateways are uploaded to OSS, and consume the storage space of OSS.
- **Traffic fees:** If you select an internal endpoint of OSS, no read and write traffic fees are incurred. If you select a public endpoint of OSS, you have to pay for outbound traffic over the Internet when you read files from gateways.
- **Request fees:** You have to pay for requests when you upload or download files through a file gateway or a block gateway. If remote synchronization is enabled, when you open a folder, the file gateway retrieves a list of files and metadata from the corresponding OSS bucket. This process results in request fees. A block gateway uploads files in the way of fixed-size slices. To upload large files, the gateway generates more slices, and causes the corresponding request fees.
- **Data retrieval fees:** You have to pay for the retrieval of data from an OSS bucket. The amount of data transmitted over the Internet is included in the billing items of outbound traffic over the Internet. You can run the restore command to restore an archived object. After the object is restored, the data retrieval fees are charged based on the amount of restored data. Afterward, if you run the restore command again, no data retrieval fees are incurred.



Note:

Data retrieval fees are only applicable to OSS objects of infrequent access and archive types.

- Log Service

If you have enabled Log Service for the CSG service, Log Service collects system logs from CSG, and stores them in the specified Logstore. Fees are charged for this process. For more information, see [Pricing of Log Service](#).

- KMS

If you have enabled encryption for the OSS service, when you access OSS through CSG, you must call the Key Management Service (KMS) API operations to query

and generate keys, and to encrypt and decrypt data stored in OSS with the keys. Fees are charged for these operations.

2 Subscription

2.1 Purchase a gateway

This topic describes how to purchase a subscription gateway.

Procedure

1. Log on to the [CSG console](#).
2. Create a gateway. For more information, see [#unique_6/unique_6_Connect_42_section_i9x_102_e8q](#) or [#unique_7/unique_7_Connect_42_section_0x3_5ab_h7w](#).

When you create a gateway, you must set the **Billing Method** parameter to **Subscription**.

After the gateway is created, go to the **Cloud Storage Gateway (Subscription)** page.

3. On the **Cloud Storage Gateway (Subscription)** page, specify the purchase plan, and click **Buy Now**.



Note:

On the **Cloud Storage Gateway (Subscription)** page, you can specify the purchase plan, but do not modify the corresponding basic settings.

4. Confirm and pay for the order.

2.2 Purchase a cache disk

To configure a cache disk for a subscription gateway, you must purchase a subscription cache disk. This topic describes how to purchase a subscription cache disk.

Prerequisites

You have purchased a subscription gateway. For more information, see [Purchase a gateway](#).

Procedure

1. Log on to the [CSG console](#).

2. Select the region where the target gateway is located.
3. Go to the Gateway Cluster page, find the target gateway, and then click the gateway name to show a list of shares.
4. In the left-side navigation pane, select Cache, and click Create Cache.
5. Set the Size and Type parameters, and click OK.
6. On the Cloud Storage Gateway Cache Disk (Subscription) page, specify the purchase plan, and click Buy Now.

**Note:**

On the Cloud Storage Gateway Cache Disk (Subscription) page, you can specify the purchase plan, but do not modify the corresponding basic settings.

7. Confirm and pay for the order.

2.3 Switch the expiration policy

This topic describes the expiration policy for a subscription gateway, and how to switch the expiration policy.

Prerequisites

You have purchased a subscription gateway. For more information, see [Purchase a gateway](#).

Procedure

1. Log on to the [CSG console](#).
2. Go to the Gateway Cluster page, find the target gateway, and then choose More > Switch Expiration Policy in the Actions column next to the target gateway.
3. In the Switch Expiration Policy dialog box that appears, click OK.

You can choose to switch to the Pay-As-You-Go billing method or release the specified gateway after it expires.

- **Pay-As-You-Go:** switches to the Pay-As-You-Go billing method after the specified subscription gateway expires.
- **Release After Expiration:** stops the CSG service after the specified subscription gateway has expired for seven days.

3 Switch the billing method from pay-as-you-go to subscription

After you create a pay-as-you-go gateway, you can switch the billing method to subscription to obtain more discounts.

Procedure

1. Log on to the [CSG console](#).
2. Go to the Gateway Cluster page, find the target gateway, and then choose More > Switch to Subscription in the Actions column next to the target gateway.
You can switch the billing method only for the gateway in the Running state.
3. In the Switch to Subscription Gateway dialog box that appears, click OK.
4. On the Cloud Storage Gateway (Subscription) page, specify the purchase plan, and click Buy Now.



Note:

On the Cloud Storage Gateway (Subscription) page, you can specify the purchase plan, but do not modify the corresponding basic settings.

5. Confirm and pay for the order.

4 Overdue payments and refunds

This topic describes some overdue payment and refund scenarios for Cloud Storage Gateway (CSG).

Overdue payments

- **On-premises gateways**

After your payment is overdue for 24 hours, Alibaba Cloud stops the CSG service and disables operations in the CSG service. The data stored in a local cache disk of CSG is retained, but you cannot read the data. When you complete the overdue payment, you can resume the CSG service and access the data stored in the local cache disk.

- **In-cloud gateways**

- **After your payment is overdue for 24 hours, Alibaba Cloud suspends the CSG service and disables operations in the CSG service. The data stored in a cache disk of CSG is retained and continuously billed.**
- **After your payment is overdue for 15 days since the time when the CSG service is suspended, Alibaba Cloud stops the CSG service. All data stored in the cache disk of CSG is deleted and cleared. You cannot restore the data.**

Refunds

- **For Pay-As-You-Go gateways, you can stop billing after you delete the gateways and related cloud resources such as Object Storage Service (OSS).**



Note:

- **If you only delete gateways, Alibaba Cloud retains the data of related cloud resources and continues to calculate billing for the data.**
 - **After you stop billing, the existing fees cannot be refunded.**
- **You can submit a ticket to request a refund before subscription gateways expire.**