

Alibaba Cloud

CDN
Pricing

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Document conventions

Style	Description	Example
 Danger	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.
 Warning	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.
 Notice	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.
 Note	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</code> <i>Instance_ID</i>
[] or [a b]	This format is used for an optional value, where only one item can be selected.	<code>ipconfig [-all -t]</code>
{ } or {a b}	This format is used for a required value, where only one item can be selected.	<code>switch {active stand}</code>

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1. Billing method

1.1. Overview

This topic describes the billing methods of Alibaba Cloud Content Delivery Network (CDN). You can choose a billing method that suits your requirements.

Billing methods

The following table provides the details of the billing methods that are supported by Alibaba Cloud CDN.

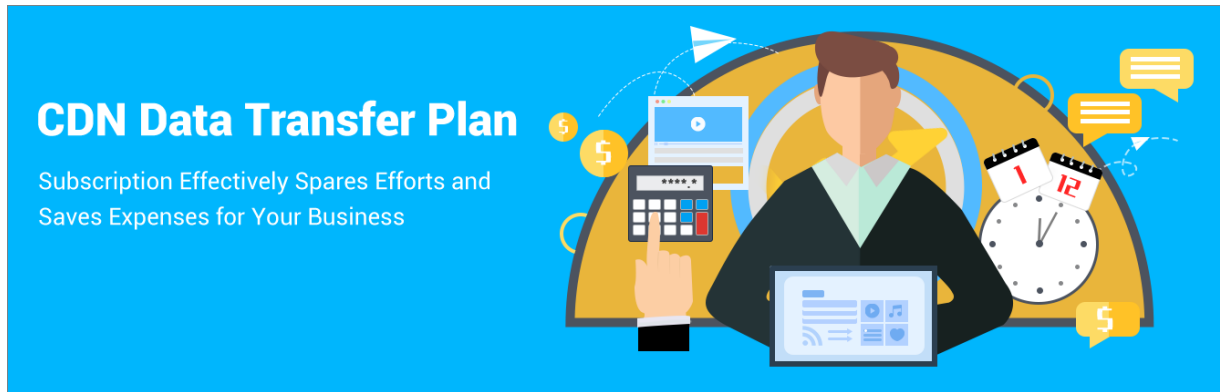
Billing method	Description	Reference
Pay-by-bandwidth	You are charged based on the daily peak bandwidth in each region. Unit: Mbit/s.	Pricing of basic services
Pay-by-data-transfer	You are charged based on tiered pricing in each region. The billing cycle is one calendar month. Within a billing cycle, the amount of data that exceeds the quota in the current pricing tier is billed based on the next pricing tier.	
Billing of value-added services	If HTTPS secure acceleration is enabled, additional charges are incurred.	增值服务计费
Subscription outbound data transfer plan	You are charged based on an annual subscription. You can make a one-off payment and use the data transfer plan immediately after the payment. The amount of data that exceeds the quota is billed on a pay-as-you-go basis.	Pricing of subscription resource plans

1.2. Pricing of basic services

This topic describes the metering methods and considerations for basic services of Alibaba Cloud Content Delivery Network (CDN).

Data transfer plans for Alibaba Cloud CDN

You can purchase data transfer plans for Alibaba Cloud CDN. For more information, see [CDN Resource Plan](#).



Purchase basic services of Alibaba Cloud CDN

Basic services of Alibaba Cloud CDN support two metering methods: pay-by-data-transfer and pay-by-bandwidth. For more information, see [Alibaba Cloud CDN Pricing](#).

Metering methods

Metering method	Description	Scenario
Pay-by-bandwidth	You are charged for basic services based on the daily peak bandwidth. A bandwidth value is collected at an interval of 5 minutes. 288 values are collected every day. The greatest bandwidth value is used as the daily peak bandwidth.	Your traffic curve is relatively flat, and the daily bandwidth usage exceeds 30%.
Pay-by-data-transfer	Basic services of Alibaba Cloud CDN are billed based on the amount of daily outbound data of CDN nodes.	Your traffic curve shows large fluctuations and bandwidth spikes. The daily bandwidth usage is lower than 30%.
Data transfer plans	You can make a one-off payment for a data transfer plan. The validity period of a data transfer plan is one year.	Data transfer plans support only the pay-by-data-transfer metering method. If the current metering method is pay-by-bandwidth, the remaining quota in the data transfer plan is suspended. The remaining quota is available only after you change the metering method to pay-by-data-transfer.

 Note

- The bandwidth usage is calculated based on the following formula: Bandwidth usage = Data usage (GB)/[Peak bandwidth (Mbit/s) × 10.54]. If the bandwidth is 1 Mbit/s and the daily bandwidth usage is 100%, the data usage is 10.54 GB.
- You are charged for basic services based on the amount of only outbound data transfer of CDN nodes.
- Alibaba Cloud CDN retains logs within the last three months. If you have questions about the logs or bills, submit an application before the log data expires to check the billing statements with Alibaba Cloud. Expired log data is released and cannot be restored. Billing statements of expired log data cannot be provided.

Considerations


The data transfer that is actually charged is higher than the data transfer recorded in logs. The amount of data recorded in CDN logs equals the amount of data captured at the application layer. However, an extra amount of data is consumed to transmit the additional bytes inserted to TCP/IP packet headers and to retransmit TCP packets. Therefore, the actual amount of data is higher than the amount of data captured at the application layer. For more information, see [Why is the actual billed network traffic different from the network traffic reported by the logging feature?](#)

1.3. Pricing of subscription resource plans


If your workloads or applications are traffic intensive or involve large numbers of , we recommend that you use subscription outbound data transfer plans or plans for your Content Delivery Network (CDN) service.

Billing rules for Alibaba Cloud CDN [subscription outbound data transfer plans](#):

- **Specification:** The amount of outbound data included in a data transfer plan ranges from 100 GB to 50 TB. A data transfer plan is valid for one year.
- **Annual subscription:** You can make a one-off payment for a data transfer plan. The data transfer plan takes effect immediately after the payment is completed. The amount of data that exceeds the quota in the plan adopts the pay-by-data-transfer metering method.
- **Deduction method:** The quota in a data transfer plan is applied first, and the amount of data that exceeds the quota adopts the pay-by-data-transfer metering method and is billed on a pay-as-you-go basis.

 **Note** Data transfer plans support only the pay-by-data-transfer metering method. If the current metering method is pay-by-bandwidth, the unconsumed quota in the plan will be temporarily suspended until the metering method is changed to pay-by-data-transfer.

- **Billed item:** Outbound data from CDN nodes. Data transfer plans are available in mainland China and seven accelerated regions outside mainland China.
- **Billing cycle:** on a daily basis. The amount of consumed data is deducted from your data transfer plan. When a data transfer plan is exhausted, the system automatically switches back to the original billing method.

 **Note**

- Before you purchase a subscription data transfer plan, make sure that you have passed real-name verification.
- A data transfer plan can be used only under the account used to purchase the plan.
- If you have purchased more than one data transfer plan, the data transfer plans are applied in ascending order of the remaining subscription duration. The data transfer plan that has the earliest expiration time will be consumed first.
- To check the usage details of your data transfer plan, go to the **Billing Management** console and click **Resource Packages** in the left-side navigation pane.
- A data transfer plan can be used only within the validity period. The unconsumed quota will be invalidated after the plan expires, and no alternative or complementary measures are supported.

2.FAQ

This topic describes issues and solutions about billing for Alibaba Cloud Content Delivery Network (CDN).

- [Why is the actual billed network traffic different from the network traffic reported by the logging feature?](#)
- [Why are fees still incurred after I have stopped the CDN service?](#)
- [If my origin server is located outside Mainland China, how am I billed for using Alibaba Cloud CDN nodes in Mainland China?](#)
- [How is the network traffic billed when a CDN node retrieves an OSS resource in a back-to-origin operation?](#)
- [How is the network traffic billed when I integrate Alibaba Cloud CDN with other Alibaba Cloud services?](#)
- [How can I view the CDN resource plan I have purchased?](#)
- [Why do I pay extra fees for network traffic even after I have purchased an Alibaba Cloud CDN data transfer plan?](#)