

阿里云 CDN

产品定价

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格式	说明	样例
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	用于补充说明、最佳实践、窍门等，不是用户必须了解的内容。	 说明： 您也可以通过按 Ctrl + A 选中全部文件。
>	多级菜单递进。	设置 > 网络 > 设置网络类型
粗体	表示按键、菜单、页面名称等UI元素。	单击 确定。
<code>courier</code> 字体	命令。	执行 <code>cd /d C:/windows</code> 命令，进入Windows系统文件夹。
斜体	表示参数、变量。	<code>bae log list --instanceid Instance_ID</code>
[]或者[a b]	表示可选项，至多选择一个。	<code>ipconfig [-all/-t]</code>
{ }或者{a b}	表示必选项，至多选择一个。	<code>swich {stand slave}</code>

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1 计费方式

2 Billing method

2.2 Value-added services

In addition to the basic services, the HTTPS Acceleration and Dynamic Route for CDN are charged separately as value-added services.

Requests

- Billing item: Static HTTPS requests, dynamic HTTPS requests, and dynamic HTTP requests.
- Payment method: Pay-As-You-Go.
- Billing rule: Billed on all the billing items' price for value-added services. All these requests are accumulated on a calendar day basis.
- Billing cycle: Billed by day, and fees are deducted in real time (the bill for the previous day is issued and fees are deducted after 00:00 each day).
- Billing time: The end of the current billing cycle (on a calendar day basis). A bill is usually generated within one hour after the current billing cycle ends. For example, the bill for June 17 is generated after 0:00 June 18. The system determines the specific time of billing. After a bill is generated, fees are automatically deducted from your account balance to settle the bill.

For more information, see [Pricing](#).

Dynamic Route for CDN

Currently, the Alibaba Cloud Dynamic Route for CDN has been on service. See [Pricing](#).

- Billing item: The total value-added service requests generated by all domain names that active Dynamic Route for CDN on the current day. They are billed separately.
- Payment method: Pay-As-You-Go.
- Billing cycle: Billed by hour, and fees are deducted in real time.

2.3 Pre-paid billing methods

Pre-paid traffic package

- Specification: 500 GB ~ 50 TB, with the same validity period of one year
- Pre-paid (subscription): one-time payment, and effective immediately The traffic beyond the package quota is billed in Pay-As-You-Go mode.



Note:

For the duration of the resource package, fees are deducted based on your resource package balance first. Traffic beyond the quota is billed based on the existing billing rules.

- Billing items: domestic traffic + international traffic
- Billing cycle: Billed by hour and charged in real time (a bill is generated every hour and the used traffic is deducted from the traffic package). After you have used out your package, you will switch back to the billing method before (PayByBandwidth or PayByTraffic).

**Note:**

- Real-name authentication users can buy a pre-paid traffic package.
- Traffic packages are only supported in the Pay-As-You-Go mode. If the billing method of your traffic package is PayByBandwidth, the balance of your traffic package will be frozen until you switch to Pay-As-You-Go.
- Traffic packages are only available for this account.
- Multiple traffic packages are sorted by the period of validity. Priority is given to traffic packages that will expire soon.
- For the balance of traffic package, go to the **User Center > Expenses > [Resource Packages](#)**.
- Resource packages can only be used within the period of validity. The number of HTTPS requests that you have not used will be invalid, and no replacement or supplement is provided.

Pre-paid HTTPS

- Billing item: the number of static HTTPS requests generated after HTTPS acceleration is activated

For more information, see [Pricing](#).

- Billing cycle: Static HTTPS requests used are deducted from the resource package each day . After you have used out your package, you will switch back to the billing method before (PayByBandwidth or PayByTraffic).
- Period of validity: one year
- Real-name authentication users can buy pre-paid resource packages.
- The total number of HTTPS requests generated by the domain names with HTTPS acceleration service are deducted from the resource package.
- The resource package is only available for this account.

- Multiple resource packages are sorted by the period of validity. Priority is given to the resource packages that will expire soon.
- For the balance of resource packages, go to the **User Center > Expenses > [Resource Packages](#)**.
- Resource packages can only be used within the period of validity. The number of HTTPS requests that you have not used will be invalid, and no replacement or supplement is provided.

2.4 Pre-paid HTTPS

2.5 Pricing Overview

Alibaba Cloud CDN billing methods charges for two parts of services: basic services and value-added services.

How to charge

Alibaba Cloud CDN pricing system consists of basic services and value-added services.

- Basic services: [PayByBandwidth](#) and [PayByTraffic](#) . You can switch between PayByTraffic and PayByBandwidth based on your needs. The new billing method will take effect for the billing cycle following the change. See the table below of different scenarios for the two billing methods.



Note:

Bandwidth utilization refers to actual used traffic (Gbps)/(peak bandwidth (Mbps) x 10.54). For 1 Mbps bandwidth, 100% utilization for a whole day would generate approximately 10.54 Gbps of traffic.

- [Value-added services](#): when you have activated HTTPS Secure Acceleration service or Dynamic Route for CDN service, you shall pay the bill beyond basic service.



Note:

Pricing zones

Currently, Alibaba Cloud has 8 pricing zones: Mainland China (CN), North America (NA), Europe (EU), Asia-Pacific 1 (AP1), Asia-Pacific 2 (AP2), Asia-Pacific 3 (AP3), Middle East and Africa (MEAA), and South America (SA).

How pricing zones distributes:

- Mainland China (CN):

- Asia-Pacific 1 (AP1): Hong Kong, Taiwan, Macao, Japan and all Southeast Asia except Vietnam and Indonesia.
- Asia-Pacific 2 (AP2): India, Indonesia, Korea, and Vietnam.
- Asia-Pacific 3 (AP3): Australia and New Zealand.
- North America (NA)
- South America (SA)
- Europe (EU)
- Middle East & Africa (MEAA)

How to pay

- Post Payment: for all above-mentioned basic services or value-added services.

3 Billing method

The CDN price structure consists of basic services and value-added services.

For more information, see [CDN Pricing](#) . Check the following:

Basic services:

Two billing methods: PayByTraffic and PayByBandwidth. When activating the CDN service you must choose one of these methods. You can switch between PayByTraffic and PayByBandwidth based on your needs.

- The new billing method will take effect for the billing
- cycle following

**Note:**

the change.

Billing Method	Description	Applicable Scenarios
PayByBandwidth	Daily peak bandwidth is calculated every day. A bandwidth value is recorded every 5 minutes, so there will be 288 values daily.	The highest value is chosen for billing calculation.
PayByTraffic	Users are billed according to the actual traffic used hourly. According to daily actual flow meter fee	This billing method is best for scenarios where the domain name traffic curve varies and bandwidth spikes,

**Note:**

or where the bandwidth utilization is less than 30% for the whole day.

- Bandwidth utilization refers to actual used traffic (Gbps)/(peak bandwidth (Mbps) x 10.54). For 1 Mbps bandwidth,
 - 100% utilization for a whole day would generate approximately 10.54 Gbps of traffic. If the current billing type is peak-to-bandwidth, the amount of traffic remaining will be frozen, you can use until the return charge is switched back.
 - The flow package is only used to deduct the flow generated by the domestic node and does not contain overseas traffic.

- Specifications: Flow package included from 500 m ~ More than 1 Pb of specifications, valid for 1 year. [Learn more about detailed specifications](#).
- Pre-paid package monthly model: one-time payment, effective immediately. Out of portion, charging by volume.
- The resource package purchased is valid, the method of charging is to write off the amount in the purchased Resource Package first, and settle according to the day. More than partially charging by volume.
- Multiple traffic packets are sorted by End Time, and priority is given to traffic packets that are about to expire.
- Balance inquiry: please **User center** > **Cost center** > [Resource Pack management](#).

**Note:**

The purchase flow package is still charged, and will appear in the following circumstances:

- The traffic package exceeds the usage limit.
- Only traffic packets are purchased, no HTTPS request packages are purchased, https request charges or other value-added services.
- Traffic used in non-mainland China will be charged.
- The payment method has been selected to pay by bandwidth.

Value-added services

The HTTPS secure acceleration service is a value-added service. If the HTTPS secure acceleration service is activated for a CDN domain under your account, the CDN domain will be billed for HTTPS requests, in addition to the total fee of all basic services.

- Price of HTTPS secure acceleration refers to Basic fee (charged for downstream traffic OR peak bandwidth per day) + Fee charged for HTTPS requests Billing, which is the cost of value-added services and is charged separately, is not included in the CDN flow package. There are also two ways to charge for the number of HTTPS requests:
 - Mode 1: [Resource Package \(pre-payment\)](#).
 - Mode 2: Pay by traffic. For more information, see [CDN Pricing](#).

**Note:**

For example, a page contains multiple resources that are accelerated using cdn https, all of these resources are requested separately to the CDN node, so according to the HTTPS of

these resources The total number of URL requests is charged, and not a page is computed as a URL.

- Photo Yellow: after this feature is turned on, the image accelerated by CDN automatically detects whether or not it is yellow, the URL of the broken picture is logged for export processing by the user. Picture yellow fee is as follows (billing cycle is days):

扫描量（张/日）	档位	算法确定部分 (ConfirmCount) 单价 (元/千张)	待用户确认部分 (ReviewCount) 单价 (元/千张)
>0	A	1.8	0.45
>5000	B	1.62	0.41
>50000	C	1.53	0.38
>130000	D	1.44	0.36
>260000	E	1.35	0.34
>850000	F	1.26	0.32

- Mobile acceleration: see the [mobile acceleration introduction](#) page.
- All Station acceleration: see the [All Station acceleration introduction](#) page.

Key Account billing method

Ali cloud CDN offers a more flexible and favorable monthly billing method for customers with a monthly consumption of more than 0.1 million., customers with needs can [open a ticket](#) order or make a pre-sale call 95187 to 1 contact Alibaba Cloud Business Negotiation access, mainly providing the following monthly billing methods:

- 95th percentile peak bandwidth billing is settled every calendar month. During each month, effective bandwidth is calculated every 5 minutes and the calculated values are sorted in descending order. The top 5% of values are deleted, and the largest value is the 95th percentile peak bandwidth, which is the charging value. The monthly charge will be calculated according to the agreement. Learn More [CDN month 95 peak billing instructions](#).
- Monthly day-to-day peak bandwidth charges: Monthly day-to-day peak bandwidth charges are settled on a natural basis, during a natural month, take the peak bandwidth per day and divide it by the natural days, get the average and billing values of the peak bandwidth for a natural month, calculate monthly charges based on contract price.

Other information

The system collects summary data from domain names of the nodes across the CDN at intervals of 5 minutes (288 nodes a day). This data is used as the basis for billing.

The traffic shown on the console is derived from our log (recorded at the application layer) and is 7%-15% lower than the actual network traffic, due to:

- Consumption by TCP/IP packet header: Our HTTP requests are based on TCP/IP. On the Internet, each packet contains up to 1,500 bytes, including a 40-byte header inserted by TCP/IP. This packet header also generates traffic. However, the packet header is added by the core protocol stack and cannot be counted by the application layer. Therefore, our log does not record these 40 bytes. This portion of traffic typically accounts for around 3% of the logged traffic.
- TCP retransmission: Depending on the physical Internet load, about 3-10% of the packets we send are discarded by the Internet. The server will re-transmit such discarded packets over the core protocol stack, but the application layer is unable to count these packets. As a result, such traffic may make up a percentage of our logged traffic. The re-transmission rate may vary depending on the Internet connection quality. When Internet traffic is light, the re-transmission rate is low; during peak hours, the rate may rise 3%-7%.

Therefore, following industry standards, Alibaba Cloud includes an additional 7%-15% Internet traffic overhead in chargeable traffic. Alibaba Cloud takes the mean value of 10% and adds it to our statistics for Internet traffic consumption.

3.1 Billing method

4 Purchase Procedure

1. Go to the Alibaba Cloud website [CDN Product Detail page](#) , and get abreast of all features about Alibaba Cloud CDN. Then, click **Buy Now**.
2. On the **Enable Service** page, select the appropriate billing method (refer to Price details). Once you confirm your order, the CDN service is enabled.

**Note:**

Enabling CDN service requires real-name registration, click [Authenticate](#).

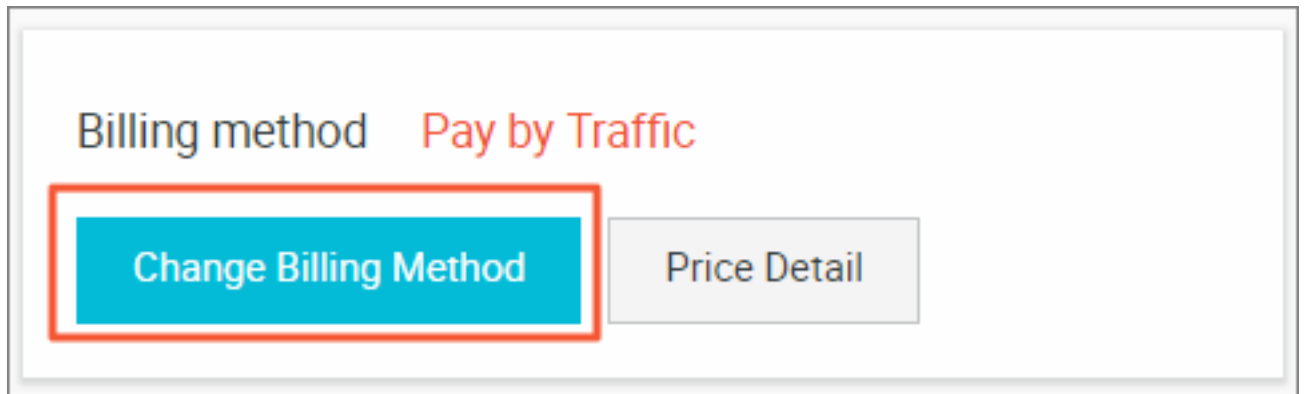


3. When the CDN service has been activated, log on to the Alibaba Cloud console to add and manage CDN domain names. For more information, see [Quick Start](#).

5 Configuration change procedure

Change change instructions

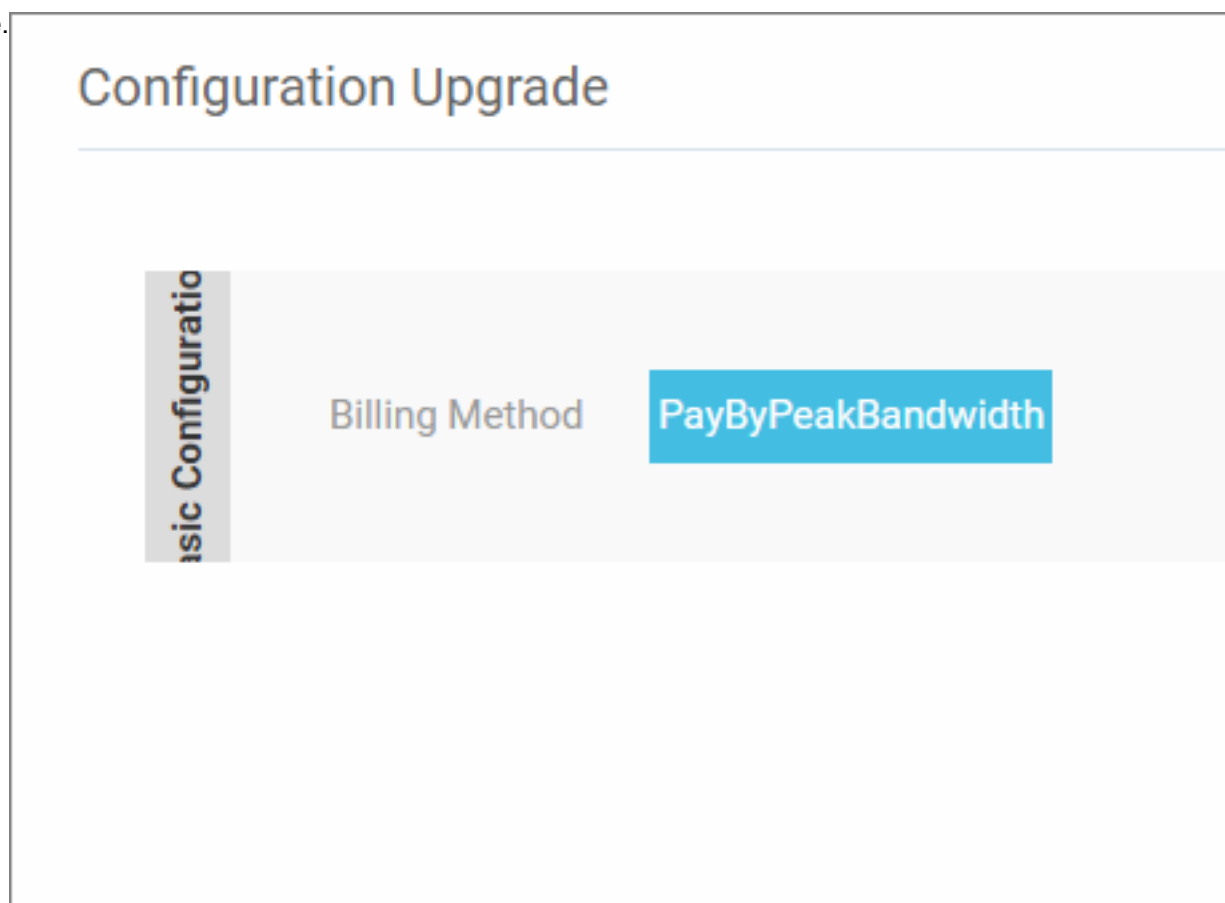
1. Go to the [CDN console](#), click **Change Billing Method**.

**Note:**

If you have bought a traffic package, you can only choose PayByTraffic as your billing method.

2. On the [Update](#) page, choose your target billing method, then click

Activate.



3. The system will change the configuration at 00:00 on the second calendar day after the end of the current billing cycle. The process takes 1 to 10 minutes. You may not submit another configuration change request for this CDN instance until the current configuration change takes effect.

If you change between **PayByTraffic** and **PayByBandwidth**, it will take effect at 00:00 on the second day.

**Note:**

If you mis-change the configuration, you cannot change it back until 00:00 on the second day.

6 Overdue instructions

Service stop instruction

- After a bill is overdue, your CDN service will be locked and stop service after 24 hours. During the 24 hours, you will receive a short message or email reminder. Your service will not be affected if you have charged the bill within 24 hours.
- If you fail to charge within 24 hours, your CDN service will stop, while your cached resources will be released. Your configuration will be kept for 12 months.

Balance warning prompt

- PayByTraffic: The system determines whether your account balance is sufficient to pay for your CDN service for the next 3 billing cycles based on the average amount due of your CDN service during last 7 hours. If not, you will receive a short message or email reminder.
- PayByBandwidth: The system determines whether your account balance is sufficient to pay for your CDN service for the next billing cycle (day) based on the amount due of your CDN service during the last billing cycle (day). If not, you will receive a short message or email reminder.