Content Delivery Network

Purchase Guide

Product Documentation
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COS as origin server
Tencent Cloud CDN provides two billing models **Pay-by-Bandwidth** and **Pay-by-Traffic**. Both methods use a post-payment policy and charged on a daily basis. You can select the method best suited to your business.

### Price Overview

Tencent Cloud CDN's Pay-by-Bandwidth method uses a **tiered pricing** model, as shown below:

<table>
<thead>
<tr>
<th>Region</th>
<th>Pay-by-Bandwidth (USD/Mbps/Day)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bandwidth tiers</td>
</tr>
<tr>
<td>China</td>
<td>0 - 500 Mbps</td>
</tr>
<tr>
<td></td>
<td>500 Mbps - 5 Gbps</td>
</tr>
<tr>
<td></td>
<td>5 Gbps - 50 Gbps</td>
</tr>
<tr>
<td></td>
<td>≥ 50 Gbps</td>
</tr>
</tbody>
</table>

CDN's Pay-by-Traffic method takes a **monthly cumulative tiered** approach, as shown below:

<table>
<thead>
<tr>
<th>Region</th>
<th>Pay by Traffic (USD/GB)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Traffic tiers</td>
</tr>
<tr>
<td>China</td>
<td>0 GB - 2 TB</td>
</tr>
<tr>
<td></td>
<td>2 TB - 10 TB</td>
</tr>
<tr>
<td></td>
<td>10 TB - 50 TB</td>
</tr>
<tr>
<td></td>
<td>50 TB - 100 TB</td>
</tr>
<tr>
<td></td>
<td>≥100 TB</td>
</tr>
</tbody>
</table>
**Note:**
In the event of a bandwidth/traffic surge caused by a DDoS attack or CC attack, traffic over 10 Gbps will be exempt.

**Billing for Key Account Customers**

If your monthly bill for Tencent Cloud is or will be more than $20,000, you may negotiate more favorable prices and flexible billing options (such as payment on a monthly basis). For more details, please submit a ticket to us.
Billing Instruction

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CDN provides two billing methods: **Pay by Bandwidth** and **Pay by Traffic**. Both methods use a post-payment policy and charged on a daily basis. The charge for total consumption generated during 00:00:00 - 23:59:59 on the current date will be billed the next day.

Pay by Bandwidth

Tiered Prices

CDN's "Pay by Bandwidth" method uses a tiered pricing model, with the tiered prices shown as below:

<table>
<thead>
<tr>
<th>Billing Model</th>
<th>Bandwidth Tiers</th>
<th>Unit Price (USD/Mbps/Day)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bandwidth Peak</td>
<td>0 - 500Mbps</td>
<td>0.094</td>
</tr>
<tr>
<td></td>
<td>500Mbps - 5Gbps</td>
<td>0.092</td>
</tr>
<tr>
<td></td>
<td>5Gbps - 50Gbps</td>
<td>0.086</td>
</tr>
<tr>
<td></td>
<td>&gt;= 50Gbps</td>
<td>0.084, or subject to the contract price</td>
</tr>
</tbody>
</table>

**Calculation Method**

Assume that the CDN peak bandwidth for the previous day is X, the tiered calculation is performed as follows:

- If X < 500 Mbps, the charge billed is X × 0.094;
- If 500Mbps <= X < 5000Mbps, the charge billed is X × 0.092;
- If 5000Mbps <= X < 50000Mbps, the charge billed is X × 0.086;
- If X >= 50000Mbps, the charge billed is X × 0.084. You may also contact us for off-line contracting. We have more discount options available for you.

Pay by Traffic

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## Tiered Prices

CDN's "Pay by Traffic" method takes a monthly tiered progressive approach, with the tiered prices shown as below:

<table>
<thead>
<tr>
<th>Billing Model</th>
<th>Traffic Tiers</th>
<th>Unit Price (USD/GB)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monthly</td>
<td>0GB - 2TB</td>
<td>0.037</td>
</tr>
<tr>
<td>Tiered Traffic</td>
<td>2TB - 10TB</td>
<td>0.035</td>
</tr>
<tr>
<td></td>
<td>10TB - 50TB</td>
<td>0.032</td>
</tr>
<tr>
<td></td>
<td>50TB - 100TB</td>
<td>0.026</td>
</tr>
<tr>
<td></td>
<td>&gt;= 100TB</td>
<td>0.02, or subject to the contract price</td>
</tr>
</tbody>
</table>

### Calculation Method

Unlike "Pay by Bandwidth", "Pay by Traffic" method takes a tiered progressive approach based on monthly traffic. Examples on how to calculate the charge are illustrated as shown below:

- If the traffic consumed on January 1 is 3TB, as shown in the figure below: The gray bar in the figure is the actual billing tier, and green bar is the traffic consumed on January 1, out of which 2TB falls into 0TB - 2TB billing tier and the remaining 1TB into 2TB - 10TB billing tier, so the actual charge billed for January 1 equals 2* 1000 * 0.037 + 1* 1000* 0.035;

```
0 10 20 30 40 50
```

- If the traffic consumed on January 2 is also 3TB, as shown in the figure below: The traffic will be accumulated on a monthly basis for "Pay by Traffic" method. In this way, the total traffic consumed on January 2 falls into 2TB - 10TB billing tier, and the actual charge billed for January 2 equals 3*
If the traffic consumed on January 3 is 7TB, as shown below: Among the 7TB, 4TB falls into 2TB - 10TB billing tier and 3TB into 10TB - 50TB billing tier, so the actual charge charged for January 3 equals $4 \times 1000 \times 0.035 + 3 \times 1000 \times 0.032$;

By such a way, the charge for each day in January can be calculated. From February 1, a new progressive billing process will be started from scratch.

**Billing for Key Account Customers**

If your monthly consumption amount in Tencent Cloud is or will be more than USD 20,000, you can be granted more favorable prices and more flexible billing options (such as payment on a monthly basis) through negotiations.

- **Pay by monthly average value of daily bandwidth peaks**: There are 288 CDN bandwidth statistical points each day. Divide the sum of peaks on each effective day (generating consumption) by the number of effective days to get the monthly average value of daily bandwidth peaks to use as billing bandwidth. Then calculate the charge based on contract price;
- **Pay by 95% of bandwidths in a month**: There are 288 CDN bandwidth statistical points each day. Sort all statistical points for all effective days from the first day of current month (generating consumption) by bandwidth value and eliminate the first 5% statistical points. Then take the largest bandwidth among the remaining 95% of statistical points as the billing bandwidth. Then calculate the charge based on contract price;
• **Pay by monthly traffic**: Calculate the total traffic consumed on a monthly basis. Then calculate the charge based on contract price.

For more details, please submit a ticket.

**Billing Model Options**

CDN provides two billing models - **Pay by Bandwidth** and **Pay by Traffic**. You can choose the billing model that is best suitable for your business type. You can select the right billing model by calculating the bandwidth utilization, which is calculated as shown in the example below:

Assume that the user consumed 200GB traffic from 00:00 am to 11:59 pm yesterday, as shown in the figure below. The consumed traffic during this time period can be illustrated as the area defined by the curve in the figure:

![Traffic Consumption Graph](image)

If the user has a bandwidth peak of 40Mbps from 00:00 am to 11:59 pm yesterday, the traffic of the day is $40 \times 1000 \times 86400$ (There are 86,400 seconds a day). After converted to the unit of GB, the result will be 432GB. In this case, the consumed traffic is illustrated as the area defined by the
The bandwidth utilization during this time period is: \( \frac{200GB}{432GB} \times 100\% = 46\% \).

**Guidelines on how to select the billing method:**

- If your bandwidth utilization is more than 30\%, which means your business curve is flat, you're recommended to select "Pay by Bandwidth";
- If your bandwidth utilization is less than 30\%, which means your business curve has substantial fluctuations, you're recommended to select "Pay by Traffic".
Changing Billing Method

If you are a Tencent Cloud VIP customer, you can contact your Tencent Cloud sales rep for assistance to change your billing mode.

If you find the selected billing mode is not suitable for your business needs during use, you can change it according to Billing Instruction.

Notes

The billing mode used to calculate the generated consumption on the current day will be also used for settlement on the following day.

- If you switch from bill-by-bandwidth to bill-by-traffic when consumption has yet to occur, you will be charged with bill-by-traffic on the following day unless you switch the billing mode again.
- If consumption has already occurred when you switch, you will be charged with bill-by-bandwidth on the following day. You will be charged with bill-by-traffic on the third day when calculating the consumption on the second day, unless you switch the billing mode again.

How to change billing mode

1. Log in to the CDN Console and click Overview on the left sidebar to enter the management page and click Change in the right.
2. Change the original billing mode **Bill-by-traffic** to **Bill-by-bandwidth** and click **Confirm**.

![Change Billing Mode]

3. After the billing mode is changed to **Bill-by-bandwidth**, your traffic package will no longer be deducted.

![Change Billing Method]

4. You can repeat the previous steps to cancel the switch.
Purchase Process

Last updated: 2019-12-02 14:41:55

CDN is **pay-as-you-go**. To use this service, simply verify your identity, click **Buy Now** to activate the service, and select the billing mode as prompted.

Activation

1. Log in to Tencent Cloud console. Select **Content Delivery Network** and click **Get Started**.
2. If your account has not completed identity verification, click **Verify** and follow the instructions.

3. After completing identity verification, you should submit contact information pursuant to applicable national regulations if you are an organizational user. Then, click **Next**.

4. CDN offers two billing modes: Bill-by-Traffic and Bill-by-Bandwidth. You can select the billing mode suitable for your business needs. For more information, see **Billing Instruction**. Consent to the Terms of Services and click **Activate CDN** to start using the acceleration service.
Arrears

Last updated: 2019-12-02 14:35:36

Verified User

If you have completed individual/organizational identity verification before activating the CDN service, Tencent Cloud will notify you via email and SMS when your account falls into arrears. A 24-hour grace period is provided. If you fail to top up your account within 24 hours, your CDN acceleration service will be suspended. You need to manually activate the acceleration service in the console after topping up your account.

Your CDN domain name and configuration information will be retained for 12 months. After your service is suspended, all your domain names will be deactivated and all access requests will be forwarded to the origin server. You will only be able to query information and cannot modify configurations in the CDN Console.

Unverified User

If you have not completed individual/organizational identity verification, the CDN acceleration service will be suspended immediately after your trial traffic package is used up. If you want to continue using the service, you need to verify your identity or purchase a new traffic package. For more information on the identity verification process, see Activating CDN.
Bill Query

Last updated: 2019-11-07 15:20:54

- Bills by Instance are generated on the third day of each month, so there may be data delays. For real-time data, check Bill Details.
- The fees in Bill Details can be rounded to up to 8 decimal places. The fees displayed in Bill by Instance are rounded to 2 decimal places (i.e., in cents) and the same amount is deducted from your account. For more information.

Log in to the Tencent Cloud Console Billing Center and go to the "Bill Details" page to view Bills by Instance and Bill Details for the selected month. Bills are displayed by settlement cycle by default.

You can filter bills by product (e.g., CDN), sub-product, project, region, billing mode, and transaction type.
- You can search for details by entering the instance ID or instance name.
- You can customize the displayed fields in the list.
Click **Bill Details** in the **Operations** column to view the bill details of the resource.
Overview

You can store all your static resources such as static scripts, audio/video files, images, and attachments in standard storage in COS, which features unlimited capacity and high-frequency reads/writes to provide scalable and reliable storage for static resources and reduce pressure on resource servers. In addition, static resources in COS can be connected to CDN for fast global delivery to clients.

Billing

When COS serves as an origin server of CDN, billing consists of two parts: CDN billing (for acceleration) and COS billing (for origin-pulling).

**CDN Billing**

When CDN obtains resources from a nearby CDN node and delivers them to clients, the traffic consumed will be charged by CDN. For more information, please see [CDN Billing](#).

**COS Billing**

When CDN pulls resources from a COS origin server, the traffic consumed will be charged by COS. For more information, please see [COS Billing](#).