

Enterprise Content Delivery Network

Purchase Guide

Product Documentation



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Pricing Overview

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Billing Mode

ECDN is billed based on the **number of requests and excessive traffic**, i.e., the total fees include fees incurred by **requests** and fees incurred by **traffic in excess of the free tier**.

Billing by Request

ECDN's billing by request is based on a **monthly cumulative tier** at the following tiered prices:

Billing Mode	Monthly Tier	Unit Price (USD/10,000 Requests)
Billing by request	0–50 million (inclusive)	0.029
	50 million–100 million (inclusive)	0.026
	100 million–500 million (inclusive)	0.024
	500 million–1 billion (inclusive)	0.023
	> Above 1 billion	0.021

For specific fee calculation methods, please see [Billing Overview](#).

Billing by Excessive Traffic

When you use ECDN, the platform will offer you a certain free tier based on your number of actual requests, so you only need to pay for the traffic exceeding the free tier.

Billing Mode	Free Traffic Tier (GB/10,000 Requests)	Unit Price of Excessive Traffic (USD/GB)
Billing by excessive traffic	0.25	0.143

For specific fee calculation methods, please see [Billing Overview](#).

Note :

1GB = 1000MB、1 MB= 1000 KB; 1Gbps = 1000Mbps、1Mbps = 1000Kbps

VIP Customer Billing

If your Tencent Cloud service fees are greater than or expected to be greater than 100,000 CNY per month, you can contact us for business negotiation to get more favorable discounted prices and more flexible billing modes.

Billing Overview

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Billing Rule

- Billable items: number of requests and traffic in excess of the free tier.
- Billing mode: pay-as-you-go.
- Billing cycle: daily settlement. The charge for total consumption generated between 00:00:00 and 23:59:59 on the current day will be billed on the next day. The specific settlement and fee deduction time is subject to the system.

Pricing

Tiered pricing for billing by request

ECDN's billing by request is based on a monthly cumulative tier and has the following tiered prices:

Billing Mode	Monthly Tier	Unit Price (USD/10,000 Requests)
Billing by request	0–50 million (inclusive)	0.029
	50 million–100 million (inclusive)	0.026
	100 million–500 million (inclusive)	0.024
	500 million–1 billion (inclusive)	0.023
	> Above 1 billion	0.021

Billing by excessive traffic

In ECDN, you can enjoy a certain free tier of traffic. The free tier and unit price of traffic exceeding the tier are as follows:

Billing Mode	Free Traffic Tier (GB/10,000 Requests)	Unit Price of Excessive Traffic (USD/GB)
Billing by excessive traffic	0.25	0.143

Detailed description

- Total product fees = fees incurred by requests + fees incurred by traffic in excess of the free tier.

- The number of requests refers to the number of all URL requests that users initiate to ECDN in a certain time period. It can be calculated based on logs, that is, it is also the number of total log entries of a domain name in a certain period.
- Request tier refers to the total number of requests generated from the 1st day of the current month to the settlement date, which will be zeroed on the 1st day in every month. The cumulative cycle is 1 month.
- The number of requests will be rounded up to the nearest 10,000 requests.
- The traffic will be rounded up to the nearest 0.01 GB.

Billing Example

Suppose your usage on January 1-3 is as follows:

Date	January 1	January 2	January 3
Total number of requests on the day	59.8 million	25.2 million	64 million
Total number of requests in the month	59.8 million	85 million	149 million
Total traffic on the day	1,400.48 GB	692.52 GB	1,731 GB

Fees for January 1

- **Request fees:**

The number of requests generated on January 1 is 59.8 million as shown below, and the cumulative number of requests in January is 59.8 million. On the day, 50 million requests fall into the tier of 0–50 million, and 9.8 million requests fall into the tier of 50 million–100 million. Therefore, the request fees for the day are $5000 * 0.029 + 980 * 0.026 = 170.48$ USD.

- **Excessive traffic fees:**

The number of requests generated on January 1 is 59.8 million; therefore, the free tier of traffic is $5980 * 0.25 = 1,495$ GB. The actual traffic generated on that day is 1400.48 GB, which is within the free tier; therefore, the excessive traffic fees for the day are 0 USD.

- **Total fees for the day**

The total fees for January 1 are $170.48 + 0 = 170.48$ USD.



Fees for January 2

- Request fees:**

The number of requests generated on January 2 is 25.2 million as shown below, and the cumulative number of requests in January is 85 million. On the day, all the requests fall into the tier of 50 million–100 million. Therefore, the request fees for the day are $2520 * 0.026 = 65.52$ USD.

- Excessive traffic fees:**

The number of requests generated on January 2 is 25.2 million; therefore, the free tier of traffic is $2520 * 0.25 = 630$ GB. The actual traffic generated on the day is 692.52 GB, which exceeds the free tier by $692.52 - 630 = 62.52$ GB; therefore, the excessive traffic fees for the day are $62.52 * 0.143 = 8.94$ USD.

- Total fees for the day**

The total fees for January 2 are $65.52 + 8.94 = 74.46$ USD.



Fees for January 3

- Request fees:**

The number of requests generated on January 3 is 64 million as shown below, and the cumulative number of requests in January is 149 million. On the day, 15 million requests fall into the tier of 50 million–100 million, and 49 million requests fall into the tier of 100 million–500 million. Therefore, the request fees for the day are $1500 * 0.026 + 4900 * 0.024 = 156.60$ USD.

- Excessive traffic fees:**

The number of requests generated on January 3 is 64 million; therefore, the free tier of traffic is $6400 * 0.25 = 1600$ GB. The actual traffic generated on the day is 1,731 GB, which exceeds the free tier by $1731 - 1600 = 131$ GB; therefore, the excessive traffic fees for the day are $131 * 0.143 = 18.73$ USD.

- Total fees for the day**

The total fees for January 3 are $156.60 + 18.73 = 175.33$ USD.



Date	January 1	January 2	January 3
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Date	January 1	January 2	January 3
Total number of requests on the day	59.8 million	25.2 million	64 million
Total traffic on the day	1,400.48 GB	692.52 GB	1,731 GB
Total fees for the day	170.48 USD	74.46 USD	175.33 USD

VIP Customer Billing

If your Tencent Cloud service fees are greater than or expected to be greater than 10,000 USD per month, you can contact us for business negotiation to get more favorable discounted prices and enjoy monthly settlement.

New Billing Cycle

Last updated : 2022-06-07 18:48:09

To prevent a high bill incurred by traffic surges, Tencent Cloud ECDN, originally billed by the number of requests and excessive traffic on a daily basis, switched to an hourly billing cycle at 00:00:00 on March 16, 2022 (UTC+8). This change will not incur any additional costs to your bill, which will be calculated per hour instead. If you activate ECDN service after that date, the new billing cycle is adopted, while if it's activated before the date you are billed daily and will be notified when it's appropriate to make a switch.

- This switching will not affect the unit prices of the number of requests and excessive traffic. Assuming that you are billed daily, the unit price of the monthly tier 0-50 million is 0.029 USD/10K requests, and the unit price of excessive traffic is 0.143 USD/GB; after the switching, both the unit prices will not change.
- For users still taking a daily billing cycle, you will be notified to make a switch via the Message Center, inbox, SMS (especially messages from your sales rep and architect). If you have any questions, please [contact us](#) or [submit a ticket](#), and we will get back to you ASAP.
- This billing cycle change only applies to ECDN domain names.

Under the new billing cycle, your bill will be calculated per hour. You can check it at the [Billing Center in the Tencent Cloud console](#) or export it to view details.

Overdue Payment Policies

Last updated : 2023-07-21 14:54:49

Arrears Status

ECDN is billed on a pay-as-you-go basis. The system will generate a bill and deduct the fees based on your actual usage in the last billing cycle. If your account balance is insufficient, your account will become negative and fall into arrears.

Note:

If your account falls into arrears when you purchase or use another Tencent Cloud service, your use of ECDN will be affected.

Arrears Alarming

If your account balance becomes negative, your account will fall into arrears, and the system will push an **arrears notification**, which will be triggered only once when your account balance turns negative.

Grace Period

To avoid affecting your business, the system grants your account in arrears a grace period for arrears handling, during which it will push arrears notifications to remind you to top up promptly.

- During the grace period, the current ECDN service of your account will **not be affected** and can still be used.
- During the grace period, you can change the current ECDN acceleration service configuration of your account.
- If you are billed monthly, the grace period will be 24 hours by default.
- If you are billed hourly, the grace period will be 2 hours by default.
- If you are a customer of a Tencent Cloud partner, the rules regarding resources when there are overdue payments are subject to the agreement between you and the partner.

Service Suspension Period

- If you fail to top up your account within the grace period, it will enter the service suspension period, and the system will push a **service suspension notification**. At this point, be sure to top up as soon as possible.
- During the service suspension period, restrictions will be put on your use of service, including but not limited to:

- Your account will be locked, and you cannot add or change the ECDN acceleration service.
- All your ECDN services will be automatically disabled. After that, acceleration domain names will be directly resolved to the origin server and no longer enjoy acceleration services.

Account Top-up

- When your account is in arrears, you can enable ECDN again in the console after topping up.
- For acceleration domain names that are forcibly deactivated due to arrears, you need to activate them again in the console before you can use ECDN again.

Billing FAQs

Last updated : 2022-06-07 18:48:09

How is ECDN billed?

ECDN is billed as follows:

- Payment mode
1. If you activate ECDN service after 00:00:00 on March 16, 2022 (UTC+8), you will be charged on an hourly basis, and fees incurred in one hour will be billed in the following 2 to 4 hours.
 2. If you activate ECDN service before that date, the charge for total consumption generated between 00:00:00 and 23:59:59 on the current day will be billed on the next day.
- The billable items include the number of billable requests and the traffic exceeding the free tier.

For pricing details, see [Billing Overview](#).

How is ECDN traffic exceeding the free tier billed?

The fees of excessive traffic are calculated as follows:

$$\text{Fees of Excessive Traffic} = \underbrace{\frac{\text{Actual Usage Traffic} - \text{Free Tier of Traffic}}{\text{Number of Billable Requests}}}_{\text{Billable Traffic}} * \frac{\text{Proportion of Free Tier Traffic}}{\text{Proportion of Free Tier Traffic}} * \text{Unit Price of Excessive Traffic}$$

- The fees of excessive traffic are mainly subject to the number of billable requests and actual traffic usage. If the actual traffic usage does not exceed the free tier, you do not need to pay for traffic.
- The free tier of traffic is calculated based on the number of billable requests in an actual billing cycle and applies only to the current billing cycle as it is non-cumulative.

What will happen to my ECDN service if my account falls into arrears?

Being in arrears will affect your acceleration service. For more information, please see [Notes on Arrears](#).

Will fees be incurred after the domain name service is disabled (the domain name is deactivated)?

After the domain name service is disabled, if the domain name is still configured with CNAME resolution or the user's local DNS cache has not expired, the cache nodes can still receive user access requests, for which the platform will return a 404 status code and bill them as follows:

1. For all requests and traffic generated on the day when the domain name service is disabled, the corresponding service fees will be incurred according to the standard billing mode.
2. After the day when the domain name service is disabled, neither requests nor traffic generated by the deactivated domain name will incur fees.

What are the differences in the billing mode between VIP and regular Tencent Cloud customers?

- VIP customers are **billed monthly** by default, while regular customers who activate ECDN service after 00:00:00 on March 16, 2022 (UTC+8) are **billed hourly**, and those who activate the service before that date are **billed daily**.
- VIP customers are **billed based on volume pricing**, while regular customers are **billed based on tiered pricing**.