

Cloud Log Service

Purchase Guide

Product Documentation



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Purchase Guide

Billing Overview

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Note :

- Tencent Cloud Log Service (CLS) has been commercially available starting from 00:00:00 on August 03, 2020. CLS offers a limited **Free Tier** for each region. For details, see [Free Tier](#).
- For billing rules and standards, see [Billing Mode](#) and other sections below. To view your current resource usage, please go to the [CLS Console](#).
- For information about estimated costs, please go to [Price Calculator](#) to export estimated bills.

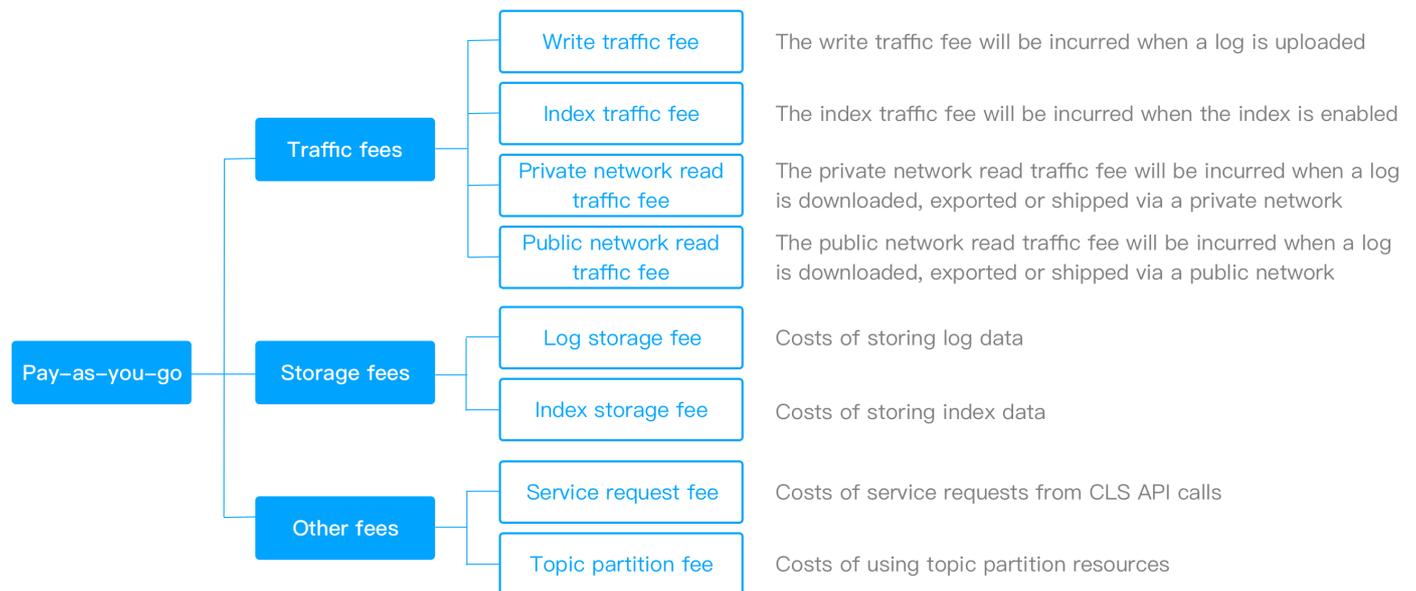
CLS provides a daily pay-as-you-go billing option in all the supported regions. You pay for what you use and no upfront payment is required.

Billing Mode

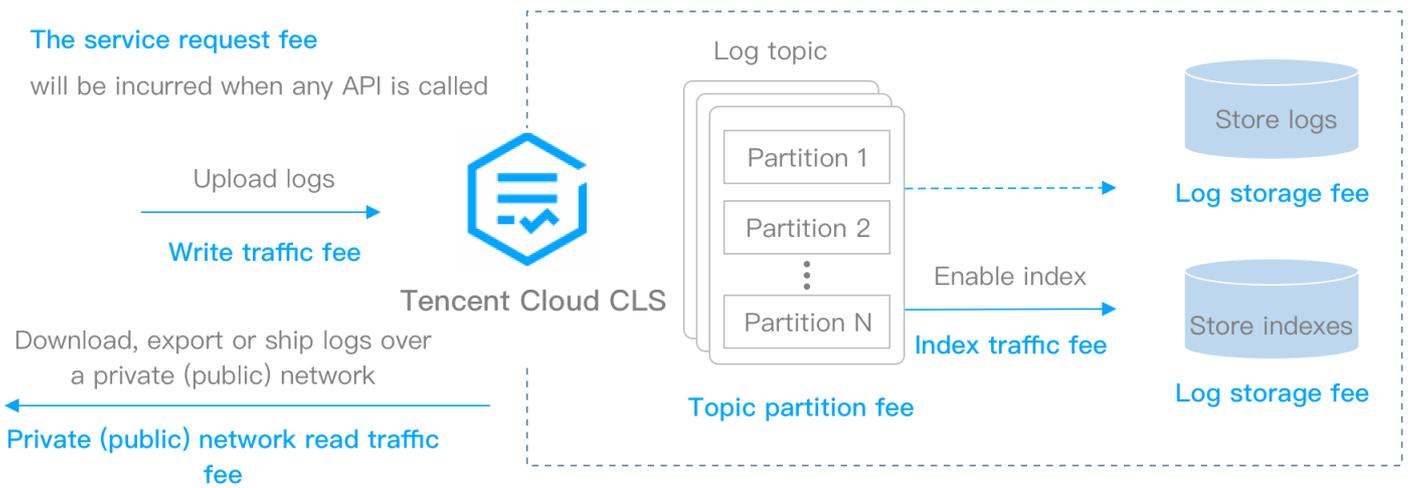
| Category | Description |
|---------------|---|
| Billing cycle | Daily. The fees generated for the current day will be settled at 00:00 on the next day. |
| Price | See CLS Product Pricing |

Billable Items

Overview



Graphic illustration



Description

Traffic billable items

| Traffic billable items | Description | Billing formula |
|------------------------------|--|--|
| Write traffic | Billed by the data volume received by CLS. If you compress and upload logs, write traffic will be the actual data volume after the compression. LogListener uploads compressed logs by default. | Write traffic fees = unit price per GB * daily accumulated write traffic |
| Index traffic | Billed by the data volume generated when CLS constructs an index. Index traffic is generated only after the index is enabled, and is dependent on the number of fields configured in the index. | Index traffic fees = unit price per GB * daily accumulated index traffic |
| Private network read traffic | Billed by the downstream traffic generated when the CLS private domain name is accessed. For example, private network read traffic fees will be incurred when you download CLS logs, consume logs, or ship logs to COS or Ckafka over a private network. | Private network read traffic fees = unit price per GB * daily accumulated private network read traffic |
| Public network read traffic | Billed by the downstream traffic generated when the CLS public domain name is accessed. For example, public network read traffic fees will be incurred when you download CLS logs, consume logs, or ship logs to COS or Ckafka over a public network. | Public network read traffic fees = unit price per GB * daily accumulated public network read traffic |

Restrictions

1. Uploading logs always incur write traffic fees no matter whether you use a private network or public network.
2. Index traffic will be larger than the original log data since the metadata such as `%%FILENAME%%` and `%%SOURCE` in CLS constructs indexes and calculates the index traffic.
3. Index traffic will be calculated only once if both the full-text index and key-value index are enabled.

Storage billable items

| Storage billable items | Description | Billing formula |
|------------------------|-------------------------------------|--|
| Log storage | Billed by log data storage usage. | Log storage fees = unit price per GB * daily average log storage |
| Index storage | Billed by index data storage usage. | Index storage fees = unit price per GB * daily average index storage |

Restrictions

1. CLS calculates log storage based on the uploaded data volume. For example, suppose the raw log size is 100 GB:
 - If **compression is enabled**, and the data volume uploaded is 25 GB, the log storage is increased by 25 GB.
 - If **compression is not enabled**, and the data volume uploaded is 100 GB, the log storage is increased by 100 GB.
 - Similarly, when **Log Index** is enabled and fields generate index traffic of 50 GB, the index storage is increased by 50 GB.

2. Log storage is billed based on average usage. Storage usage values are collected per minute, and averaged per day. The calculation formula is as follows:

- Daily log storage= “sum of the log storage values per minute for the day” / 1440
- Daily index storage= “sum of the index storage values per minute for the day” / 1440

3. The log data and index data are saved based on your configured storage cycle. Expired data do not incur storage fees and will be deleted on the hour. For example, suppose the storage cycle is set for 3 days and logs are uploaded on June 15 12:15. The logs will be saved between June 15 12:15 and June 18 12:15, and the data will be deleted on June 18 13:00. **Do not change the storage cycle frequently, and you can only change it once a day**

• Extending the storage cycle

When you extend the storage cycle, CLS will save the data for a longer period. For example, if you extend the storage cycle from 7 days to 15 days on June 15 12:30, the data uploaded on June 8 12:00 will be saved to June 23 13:00, instead of being deleted on June 15 13:00.

• Shortening the storage cycle

When you shorten the storage cycle, CLS saves data for a reduced period. For example, if you shorten the storage cycle from 15 days to 7 days on June 15, 12:30, the data uploaded between June 1 12:00 and June 8 13:00 will be deleted on June 15 13:00.

Other billable items (on demand)

| Other billable items | Description | Billing formula |
|----------------------|--|---|
| Service request | Billed by the total number of CLS API calls. | Service request fees = unit price per 1,000,000 requests * (daily accumulated number of requests) / 1000000 |
| Topic partition | Billed by the number of topic partitions used, including the read-write topic partitions and read-only partitions. | Topic partition fees = unit price * daily accumulated number of topic partitions |

Restrictions

1. Service request counts the requests from [LogListener](#), [API](#) or CLS API calls via SDK. This includes read and write requests such as upload and download, creation and deletion, search and analysis.
2. Service requests will be counted regardless of the request result.

Billing Example

Nginx logs query and analysis

Company A's website receives 100 million requests per day, and each request produces a 100-byte log on average. This results in 100 million logs with a total size of approximately 9.31 GB per day. Company A decides to upload the Nginx access logs to CLS in the Beijing region, and save them for 15 days for query and statistical analysis.

| Billable Item | Description | Quantity | Unit Price (Beijing) | Costs | |
|---------------|------------------------------|---|----------------------|-------------------|----------------|
| Traffic fees | Write traffic | LogListener is used to compress and upload logs, resulting in 2.33 GB traffic consumption | 2.33 GB | 0.032 USD/GB/day | 0.075 USD/day |
| | Index traffic | Full-text index is enabled, generating an index traffic of 11.2 GB (index traffic is larger than the write traffic) | 11.2 GB | 0.063 USD/GB/day | 0.7056 USD/day |
| | Private network read traffic | There is no download or consumption via a private network. No private network read traffic is generated. | 0 GB | 0.032 USD/GB/day | 0.00 USD/day |
| | Public network read traffic | There is no download or consumption via a public network. No public network read traffic is generated. | 0 GB | 0.144 USD/GB/day | 0.00 USD/day |
| Storage fees | Log storage | Logs of 2.33 GB are uploaded every day. The average storage capacity after 15 days is 34.95 GB (2.33 GB * 15 days) | 34.95 GB | 0.0025 USD/GB/day | 0.088 USD/day |
| | Index storage | Indexes of 11.2 GB are generated every day. The average | 168 GB | 0.0025 USD/GB/day | 0.42 USD/day |

| | | | | | |
|--------------|-----------------------------|--|------------------|--------------------------------|----------------|
| | | storage capacity after 15 days is 168 GB (11.2 GB * 15 days) | | | |
| Other fees | Service request | Loglistener to used to upload logs in batches, producing 100,000 upload requests | 100,000 requests | 0.027 USD/million requests/day | 0.0027 USD/day |
| | Topic partition tenant fees | The peak bandwidth for business logs is 8 MB/sec. Two topic partitions are needed. | 2 partitions | 0.06 USD/partition/day | 0.0144 USD/day |
| Total amount | | - | - | - | 1.3095 USD/day |

Free Tier

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Overview

After the CLS service is commercialized, Tencent Cloud still provides a certain free tier for all users in each region as detailed below:

| Billable Item | Free Tier/Day |
|------------------------------|---------------|
| Write traffic | 5 GB |
| Private network read traffic | 1 GB |
| Public network read traffic | 0 |
| Index traffic | 1 GB |
| Log storage | 1 GB |
| Index storage | 1 GB |
| Topic partition | 1 |
| Service request | 1 million |

⚠ Note :

- The free tier is counted for all resources of a single user in each region.
- The Free Tier perk will end at 23:59:59 on December 31, 2021.**
- The daily free tier will not be accumulated into the next billing cycle.
- If your service is suspended due to violations or overdue payment, you will not be eligible for the Free Tier perk. Free tier will be unavailable until the service is restarted.
- The free tier is applicable to all regions supported by CLS.
- For information about estimated costs, please go to [Price Calculator](#) to export estimated bills.

Samples

Nginx log query and analysis

Company A's website receives 100 million requests per day, and each request produces a 100-byte log on average. This results in 100 million logs with a total size of approximately 9.31 GB per day. Company A decides to upload the Nginx access logs to CLS in the Beijing region and save them for 15 days for query and statistical analysis.

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| Billable Item | | Description | Billable Quantity | Unit Price (Beijing) | Fees |
|---------------|------------------------------|---|-------------------|----------------------|---------------|
| Traffic fees | Write traffic | LogListener is used to compress and upload logs, resulting in 2.33 GB traffic consumption, and a free tier of 5 GB/day is available | 0 GB | 0.18 CNY/GB/day | 0 CNY/day |
| | Index traffic | After full-text index is enabled, 11.2 GB of index traffic is generated (as the index is expanded), and a free tier of 1 GB/day is available | 10.2 GB | 0.35 CNY/GB/day | 3.57 CNY/day |
| | Private network read traffic | There is no download or consumption over the private network. No private network read traffic is generated. | 0 GB | 0.18 CNY/GB/day | 0 CNY/day |
| | Public network read traffic | There is no download or consumption over the public network. No public network read traffic is generated. | 0 GB | 0.8 CNY/GB/day | 0 CNY/day |
| Storage fees | Log storage | Logs of 2.33 GB are uploaded every day, and a free tier of 1 GB/day is available . The average storage capacity after 15 days | 19.95 GB | 0.014 CNY/GB/day | 0.279 CNY/day |

| | | | | | |
|--------------|-----------------------------|--|-------------|------------------------|---------------|
| | | is 19.95 GB (1.33 GB * 15 days) | | | |
| | Index storage | Indexes of 11.2 GB are generated every day, and a free tier of 1 GB/day is available . The average storage capacity after 15 days is 153 GB (10.2 GB * 15 days) | 153 GB | 0.014 CNY/GB/day | 2.142 CNY/day |
| Other fees | Service request | LogListener is used to upload logs in batches, producing 100,000 upload requests, and a free tier of 1 million requests/day is available | 0 | 0.15 CNY/GB/day | 0 CNY/day |
| | Topic partition tenant fees | The business log peak is 8 MB/s, so two topic partitions are required, and a free tier of 1 partition/day is available | 1 partition | 0.04 CNY/partition/day | 0.04 CNY/day |
| Total amount | | - | - | - | 5.991 CNY/day |

Note on Free Log Storage for TKE Audit and Event Center

[Tencent Kubernetes Engine \(TKE\)](#) is a high-scalability and high-performance container management service. You can easily run applications in a managed CVM instance cluster. In response to the high complexity of daily OPS of container clusters and difficulties in troubleshooting, CLS and TKE jointly launched the cluster audit and event log center. With the aid of CLS's log data processing capabilities, you can view audit logs and cluster events in real time through visual charts, which helps you improve the efficiency of container cluster OPS with ease. For TKE audit logs and event logs, CLS offers the following **Free Tier perk**:

Eligibility

TKE audit/event logs written by log topics automatically created by TKE are eligible for this perk. Such log topics are marked with TKE-Audit or TKE-Event. You can view them on the **Logset > Log Topic** list page in the [CLS console](#).

Rules

1. CLS provides free log storage service, so you only need to enable [cluster audit](#)/event log in TKE.
2. All features of CLS, such as search and analysis, visual application, and log download and consumption, are available for eligible audit/event logs free of charge.

Validity period

Now through 23:59:59 on December 31,2021.

Product Pricing

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This document describes Tencent Cloud CLS pricing.

Pay-as-you-go Pricing

- The pay-as-you-go pricing varies by region, including CLS public cloud regions.
- For more information on billing mode and billable items, see [Billing Overview](#).
- For information about estimated costs, please go to [Price Calculator](#) to export estimated bills.

Pricing

| Region | | Billable Item | | | | | | Service r (USD/1,000 requests) |
|--|-------------------|-------------------------------|---|--|-------------------------------|-------------------------------|-----------------------------|-----------------------------------|
| | | Traffic | | | Storage | | | |
| | | Write traffic (USD/GB/day) | Public network read traffic (USD/GB/day) | Private network read traffic (USD/GB/day) | Index traffic (USD/GB/day) | Index storage (USD/GB/day) | Log storage (USD/GB/day) | |
| Chinese mainland | Beijing | 0.032 | 0.141 | 0.032 | 0.062 | 0.0024 | 0.0024 | 0.026 |
| | Shanghai | | | | | | | |
| | Guangzhou | | | | | | | |
| | Nanjing | | | | | | | |
| | Chengdu | | | | | | | |
| Chongqing | | | | | | | | |
| Hong Kong (China), Macao (China), and Taiwan (China) | Hong Kong (China) | 0.032 | 0.141 | 0.032 | 0.066 | 0.00243 | 0.00243 | 0.028 |
| Asia Pacific | Singapore | 0.032 | 0.141 | 0.032 | 0.066 | 0.00243 | 0.00243 | 0.028 |
| | Mumbai | | | | | | | |
| | Tokyo | | | | | | | |
| North America | Silicon Valley | 0.037 | 0.124 | 0.037 | 0.086 | 0.0032 | 0.0032 | 0.032 |
| | Toronto | 0.041 | 0.141 | 0.041 | 0.092 | 0.0034 | 0.0034 | 0.034 |
| | Ashburn | 0.032 | 0.106 | 0.032 | 0.072 | 0.0027 | 0.0027 | 0.026 |
| Europe | Frankfurt | 0.032 | 0.141 | 0.032 | 0.066 | 0.00243 | 0.00243 | 0.028 |