TDMQ for CMQ

Purchase Guide

Product Documentation

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Billing Overview

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This document describes the billing mode and billable items of TDMQ for CMQ.

Notes

The free beta test of TDMQ for CMQ ended on May 11, 2022, and billing has officially started.
If you activated TDMQ for CMQ before May 11, 2022, queue/topic resource usage fees will be waived for one month.

Billing Mode

TDMQ for CMQ is pay-as-you-go.

Pay-as-You-Go

Pay-as-you-go is a flexible billing mode of TDMQ for CMQ. You can start and terminate instances at any time and only pay for what you use. The billable usage is accurate down to the hour with fees settled daily, and you don't need to make upfront payments. This billing mode is suitable for application scenarios where the number of messages is low or fluctuates greatly, which can effectively avoid the waste of resources.
For the specific pay-as-you-go prices of TDMQ for CMQ, see Pricing Overview.

Billable Items

Billable Item	Description
API call	The number of API calls refers to the total number of API calls made by you to send and receive messages with TDMQ for CMQ. It equals to the total number of API calls for sending, pulling, and acknowledging messages. The API call price varies by region. For details, see Pricing Overview.
Message storage	This billable item linearly charges you for the maximum storage capacity in GB you set after enabling the message rewind feature, and the price varies by region. No storage fees will be incurred if you don't enable message rewind. For details, see Pricing Overview.
Queue/Topic	This billable item linearly charges you for the number of topics and queues you create, and

resource usage	the price varies by region. For details, see Pricing Overview.

Purchase Methods

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This document describes how to purchase TDMQ for CMQ.

You can purchase TDMQ for CMQ in the console. Currently, it is pay-as-you-go. For more information, see Billing Mode.

Prerequisites

You have signed up for a Tencent Cloud account.

Directions (pay-as-you-go)

1. Log in to the TDMQ for CMQ console.

2. On the **Queue Service** or **Topic Management** page, create a pay-as-you-go queue or topic in the target region as needed and prompted.

Pricing Overview

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This document describes the pricing details and free tiers of each billable item in TDMQ for CMQ.

Pay-as-You-Go

API call price

TDMQ for CMQ adopts linear pricing for API calls. **API call fees = (number of API calls for message sending + number of API calls for message consumption + number of API calls for message acknowledgment) * API call unit price**.

The unit price of API call (USD/10000 calls/hour) is as shown below:

Region	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu	Hong Kong (China), Singapore, Seoul, Tokyo, Silicon Valley, Toronto, Frankfurt, Virginia, Moscow	Shenzhen Finance, Beijing Finance, Shanghai Finance
Unit price (USD/10000 calls/hour)	0.002512	0.003265	0.004019

The maximum message body size is 1 MB, and the number of API calls is calculated at different rates based on the message size:

Message Size	Rate
N ≤ 2 KB	1
2 KB < N ≤ 4 KB	2
4 KB < N ≤ 16 KB	4
16 KB < N ≤ 100 KB	16
100 KB < N ≤ 1 MB	64

For example, one 10 KB message (publishing or subscribing) request will be charged as **four** API calls.

Note:

If batch sending/consumption is used, fees will be calculated separately based on the number of messages sent/consumed in batches. For example, if ten messages are batch sent and each is 2 KB in size, then they will be

calculated as 10 * 2 = 20 API calls.

Message storage price

Note:

Billing for the message rewind feature will start on July 11, 2022.

TDMQ for CMQ adopts linear billing for the maximum message storage capacity you set after enabling the message rewind feature. **Message storage fees = storage capacity set for message rewind * message storage unit price**.

The unit price of message storage (USD/GB/hour) is as shown below:

Region	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu	Hong Kong (China), Singapore, Seoul, Tokyo, Silicon Valley, Toronto, Frankfurt, Virginia, Moscow	Shenzhen Finance, Beijing Finance, Shanghai Finance
Unit price (USD/GB/hour)	0.0003	0.0003	0.0006

The number of message replicas is 3 by default and cannot be adjusted currently.

For example, messages of queue A created in Guangzhou region are very important to the business, so message rewind is enabled, and a message rewind space of 10 GB is set. Then, the fees incurred on the next day will be 0.0003 *3* 10 * 24 = 0.216 USD.

Note:

No message storage fees will be incurred if you don't enable message rewind for the queue.

No matter how much storage capacity is actually used, fees will be always charged based on the set maximum storage capacity.

Queue Resource Occupancy Price

TDMQ for CMQ adopts linear pricing for queue resource occupancy. **Queue resource occupancy fees = number of queues x queue resource occupancy unit price** .

The queue resource occupancy unit price (Unit: USD/piece/day) is shown in the table below:

Region	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu	Hong Kong (China), Singapore, Seoul, Tokyo, Silicon Valley, Toronto, Frankfurt, Virginia, Moscow	Shenzhen Finance, Beijing Finance, Shanghai Finance
Unit price (USD/piece/day)	0.0714	0.0929	0.1143

Note:

When it bills for queue resource occupancy in TDMQ for CMQ, the billing cycle is based on days. Queue resources created at any time within a natural day will be charged for a full day even if the actual usage duration is less than 24

hours.

Topic Resource Occupancy Price

TDMQ for CMQ adopts linear pricing for topic resource occupancy. **Topic resource occupancy fees = number of topics x topic resource occupancy unit price** .

The unit price for topic resource occupancy (Unit: CNY/piece/day) is shown in the table below:

Region	Guangzhou, Shanghai, Nanjing, Beijing, Chengdu	Hong Kong (China) , Singapore, Seoul, Tokyo, Silicon Valley, Toronto, Frankfurt, Virginia	Shenzhen Finance, Beijing Finance, Shanghai Finance
Unit Price (USD/piece/day)	0.2571	0.3343	0.4114

Note:

When the topic resource occupancy is billed by TDMQ for CMQ, the billing cycle is based on days. Topic resources created at any time within a natural day will be charged for a full day even if the actual usage duration is less than 24 hours.

Free Tiers

TDMQ for CMQ offers certain free tiers to each root account for pay-as-you-go billable items in each region:

Billable Item	Free Tier	Accumulation Method
API call	10 million	Accumulated monthly by region
Message storage	10 GB	Accumulated monthly by region
Queue resource usage (during the promotional period)	50 queues	By region
Topic resource usage (during the promotional period)	50 topics	By region

The free tiers will be used first to deduct the cumulative usage of all clusters in each region under each root account, and they are shared between different queues/topics in the same region.

Note:

After the promotional period ends, the free tiers for queue resource usage and topic resource usage will be reset to 5 each (by region).

Payment Overdue

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Note:
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.

Notes

When you no longer use pay-as-you-go TDMQ for CMQ resources, terminate them as soon as possible to avoid further fee deductions.
After a TDMQ for CMQ resource is terminated/repossessed, the data in it will be cleared and cannot be recovered.
As your actual resource consumption may change over time, there may be some deviation in the balance alert.

Overdue Payment Reminder

When your account balance becomes negative, your Tencent Cloud account creator, global resource collaborators, and financial collaborators will be notified by email and SMS.

Overdue Payment Policy

You can continue to use TDMQ for CMQ for 24 hours after your account balance becomes negative. We will also continue to bill you for this period. After 24 hours, the TDMQ for CMQ service will be stopped but will still incur resource usage fees.
After the service is stopped, the system will process TDMQ for CMQ as follows:

Time after service suspension	Description
≤ 7 days	If your account is topped up to a positive balance, the billing will continue, and you can restart TDMQ for CMQ.
	If your account balance remains negative, TDMQ for CMQ cannot be restarted.
> 7 days	If your account is not topped up to a positive balance, your pay-as-you-go TDMQ for CMQ resources will be terminated. All data will be deleted and cannot be recovered. When your resources are terminated, your Tencent Cloud account creator and all collaborators will be notified by email and SMS.

Refund

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TDMQ for CMQ purchased in pay-as-you-go billing mode cannot be refunded.