

TDMQ for RocketMQ

Purchase Guide

Product Documentation



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Purchase Guide

Billing Overview

Exclusive Cluster

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This document describes the billing mode and billable items of TDMQ for RocketMQ exclusive cluster.

Available Regions

Exclusive cluster is currently supported in the following regions:

Region	Value
Guangzhou	ap-guangzhou
Shanghai	ap-shanghai
Nanjing	ap-nanjing
Beijing	ap-beijing
Singapore	ap-singapore
Virginia	na-ashburn
Silicon Valley	na-siliconvalley
Hong Kong (China)	ap-hongkong

If you want to use the service in other regions, [submit a ticket](#) for application.

Billing Modes

Item	Billing Mode	Description
Cluster instance	Monthly subscription - prepaid	When you purchase an exclusive cluster, the system will calculate the fees based on the cluster specification and purchase duration you select. You need to pay the fees of the cluster before using it. This billing

		mode is suitable for the long-term service with a relatively stable business traffic peak.
Public network bandwidth	Bill-by-hour bandwidth - postpaid	Fees are pay-as-you-go hourly based on the public network bandwidth usage duration. This billing mode is suitable for scenarios where the peak business traffic stays stable over time and the service is used for a short term.

Cluster Instance Pricing

Billable items

TDMQ for RocketMQ exclusive cluster fees are calculated as follows:

Cluster price = minimum configuration price + computing configuration price + storage configuration price = minimum configuration price + node unit price *number of nodes* + storage unit price *storage size*.

Billable Item	Description
Minimum configuration	It refers to the fixed fees of a new cluster for basic services such as cluster management, message management, observability, and high availability, which will not increase as the cluster size increases.
Computing configuration	It refers to the computing service fees. Various node specifications are provided on demand. The price of a single node with each specification is fixed, and there are restrictions on the numbers of minimum and maximum nodes. The computing configuration price changes linearly based on the number of nodes.
Storage configuration	It refers to the storage service fees. You can customize the storage space in increments of 100 GB. The storage configuration price changes linearly based on the storage size.

Pricing

The specific price is as displayed on the [purchase page](#). This section describes the performance differences between exclusive cluster specifications.

Notes

If the number of nodes in current specifications cannot meet your business requirements, you can [submit a ticket](#) for assistance.

Minimum configuration

The performance of the following specification is a reference value. The actual performance won't be any worse given the data measured during stress tests. Unexpected elastic capacity outside the specification won't cost anything

either.

Specification Type	Single-Node Specification
Basic	2,000 QPS 40 MB/s 4,000 topic partitions
Standard	5,000 QPS 80 MB/s 8,000 topic partitions
Advanced I	10,000 QPS 150 MB/s 10,000 topic partitions
Advanced II	18,000 QPS 300 MB/s 12,000 topic partitions

Computing configuration

Computing configuration fees = node price * number of nodes

Cluster performance description: The **cluster performance is equal to node performance * number of nodes** and changes linearly within the node range.

Specification Type	Minimum Nodes	Maximum Nodes	Single-Node Starting QPS (4 KB Message Size)
Basic	2	10	2,000
Standard	2	10	5,000
Advanced I	2	20	10,000
Advanced II	2	20	18,000

TPS calculation rule

Messaging TPS refers to the maximum sum of messages sent and subscribed per second.

The message size is measured in 4 KB. For example, if the numbers of messages sent and received per second are both 10,000, and the average message body size is 16 KB, then the messaging TPS is $(16 / 4) * (10,000 + 10,000) = 80,000$ messages/sec.

Storage configuration

Storage fees = storage space * storage unit price.

Each exclusive cluster version provides a minimum storage of 200 GB for a single node. You can choose a higher storage space in increments of 100 GB based on your business needs.

Public Network Bandwidth Pricing

Fees are charged hourly by the actual number of usage hours based on the public network bandwidth in Mbps.

Notes:

You need to configure the bandwidth upper limit when purchasing a CLB instance with fixed bandwidth. This limit applies to both the outbound and inbound bandwidth. If it is exceeded, packets will be lost by default, and no fees will be incurred.

A CLB instance is always billed by the configured bandwidth upper limit regardless of the actual bandwidth.

Region	Price (USD/Mbps/Hour)	
	1-5 Mbps	Above 5 Mbps
Guangzhou, Shanghai, Nanjing, Beijing, Hong Kong (China)	0.0057	0.02
Singapore, Virginia, Silicon Valley	0.005	0.017

Product Series

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TDMQ for RocketMQ is available in forms of exclusive cluster and virtual cluster as compared below:

Feature	Exclusive Cluster	Virtual Cluster
Version compatibility	Compatible with open-source version 4.9 and earlier	Compatible with open-source version 4.9 and earlier
Instance type	Physical isolation of resources	Logical isolation of resources, where underlying physical resources are shared.
Billing mode	Monthly subscription as priced on the purchase page	Pay-as-you-go as priced on the purchase page
TPS range	On-demand purchase based on different node specifications	Suitable for below 4000 TPS
Scaling	Flexible scaling, where the number of nodes, node specifications (coming soon), and storage space can be expanded separately.	Not supported
Broker repair and upgrade time	Quick upgrade	Subject to virtual cluster resources, it takes a long time to upgrade.
Availability	99.99%	99.95%
High availability	Custom multi-AZ deployment in the same region is supported to improve the disaster recovery capabilities.	Multi-AZ deployment in the same region is not supported.
Technical support	Parameter optimization consulting services are supported, helping you customize parameter configurations for certain special business scenarios. You can submit a ticket for application.	Basic troubleshooting and problem fixing
Event support	Event support is provided for major events such as product upgrade, business launch, and promotion campaign to ensure smooth business operations.	Not supported

Purchase Methods

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TDMQ for RocketMQ exclusive clusters are **monthly subscribed (prepaid)**. You can purchase a cluster in the following steps:

1. Log in to the [TDMQ console](#).
2. Select **RocketMQ > Cluster** on the left sidebar and click **Create** to enter the purchase page.
3. On the purchase page, select the region, AZ, cluster type, and cluster specification.
4. Click **Buy Now** and make the payment as prompted.

Payment Overdue

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Notes

When you no longer use clusters, terminate them as soon as possible to avoid further fee deductions. After clusters are terminated or repossessed, their data will be deleted and cannot be recovered.

Pay-as-You-Go

TDMQ for RocketMQ virtual cluster is pay-as-you-go daily; that is, the billing system measures and issues a bill for your service usage for a calendar day on the next calendar day and deducts the service fees from your account accordingly.

If your account balance is insufficient, but the current usage is within the free tier, you can continue to use the service. If your account balance becomes insufficient and your account isn't eligible for the non-stop feature, you can continue to use TDMQ for RocketMQ for 24 hours, and we will continue to bill you for this period. After 24 hours, the TDMQ for RocketMQ service will be stopped, you cannot send/receive messages or use the console and TencentCloud API, but resource usage fees will still be incurred.

After the service is stopped, the system will process TDMQ for RocketMQ 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 rest
	If your account balance remains negative, TDMQ for RocketMQ cannot be restarted.
> 7 days	If your account is not topped up to a positive balance, your pay-as-you-go TDMQ for RocketMQ terminated. All data will be deleted and cannot be recovered. When your resources are terminated, the Tencent Cloud account creator and all collaborators will be notified by email and SMS.

Monthly Subscription

TDMQ for RocketMQ exclusive cluster is monthly subscribed.

Expiration alert

Seven days before your monthly subscribed cluster expires, the system automatically pushes an expiration alert message to you every other day. All alert messages are sent to the Tencent Cloud account creator and all collaborators by **email and SMS**.

Overdue payment reminder

From the day when your monthly subscribed cluster expires, the system pushes an alert message of resource isolation due to overdue payment to you every other day. All alert messages are sent to the Tencent Cloud account creator and all collaborators by **email and SMS**.

Overdue payment policy

If your account balance is sufficient and you previously enabled auto-renewal, the resource will be automatically renewed on the expiration date.

Your cluster can be used normally within 7 days after expiration. If you renew it during this period, **the billing cycle of the renewed cluster will start from the expiration date of the previous cycle**.

If you don't renew your cluster within 7 days after expiration, your cluster service will be suspended, and 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.

Notes

Once you receive an overdue payment reminder, top up your account in the [console](#) as soon as possible to prevent your business from being affected.

If you have any questions about bills, check your bill details on the [Resource Bills](#) page in the console.

If you have any questions about fees, see [Purchase Guide](#) for the description of each billable item and billing rules.

You can also configure alarms for overdue payments through the balance alert feature in the Billing Center. For more information, see [Balance Alerts](#).

Refund

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Pay-as-You-Go

Pay-as-you-go clusters can be terminated at any time, and then the billing will stop.

Monthly Subscription

5-day unconditional return

Refund policy

Each account can return **one** instance unconditionally within five (inclusive) days after purchase. The refund amount is **all the amount paid for purchase**, including cash, commission, and free credit amounts.

Tencent Cloud has the right to reject any suspected abnormal or malicious application for return.

Refund amount and method

Vouchers used for purchase are not refundable. Non-voucher payments will be proportionally refunded to the payer's Tencent Cloud account in accordance with the original payment method (cash or free credit) and percentage.

Partial refund

For prepaid Tencent Cloud products **not eligible for the 5-day unconditional full refund**, the refund policy is as follows:

Refund policy

Unit prices and discounts are subject to the current system offers.

If the policy of the campaign where the product was purchased conflicts with the refund policy, the former shall prevail.

If the campaign policy denies refunds, no refund can be made.

Currently, self-service refund is unavailable for orders placed from promotion rewarding channels. You can submit a ticket to apply for a refund.

Tencent Cloud has the right to reject any suspected abnormal or malicious application for return.

Refund amount and method

Refund amount = paid order amount - consumed resource amount

Such amounts are calculated based on the **usage duration**:

Consumed resource amount = (usage duration / total amount) *original order price* - current discount

Notes

A usage duration less than 1 day will be calculated as 1 day, and the current system discount matching the usage duration applies.