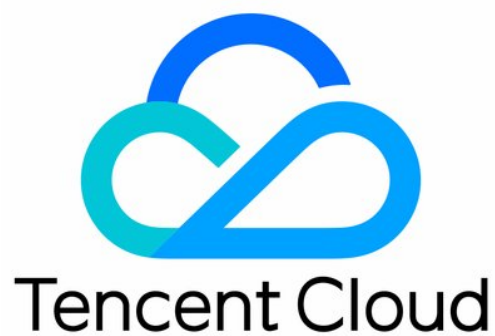


TDMQ for RabbitMQ

Purchase Guide

Product Documentation



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Purchase Guide

Billing Overview

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

Billing Mode

TDMQ for RabbitMQ exclusive clusters offer two billing options: **Monthly Subscription (Prepaid)** and **Pay-as-You-Go (Postpaid)**.

Monthly Subscription is a billing method that requires payment in advance to use resources. When you purchase an exclusive cluster, the system calculates your bill based on the selected cluster specifications and the purchase duration. You need to settle the bill before starting to use the corresponding resources. This billing method is suitable for scenarios where the business traffic peak is relatively stable over different time periods and for long-term usage.

Pay-as-You-Go is a billing method based on the actual usage of the purchased resource specifications. It is mainly suitable for testing or scenarios with uncertain traffic peaks. You can use the resources first and pay later, with fees settled on an hourly basis at the top of each hour.

Billable Items

TDMQ for RabbitMQ exclusive cluster fees are calculated as follows:

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

Billable item	Description
Computing configuration	It refers to the computing service fees. Various node specifications are provided on demand. 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.
Public Network Bandwidth	By default, a 3 Mbps public network bandwidth is provided for free. Billing will apply only to the upgraded portion of the bandwidth. If the public network bandwidth is not upgraded, no fees will be incurred.

Pricing

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

Computing configuration

Computing configuration fees = node price x number of nodes

Note:

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

A single-node cluster does not offer high availability in the production environment and cannot guarantee the SLA. Purchase it with caution.

Minimum number of nodes for multi-AZ: 3

Minimum number of nodes for single AZ: 1

Maximum optional number of nodes: 7 (odd numbers only)

Storage configuration

Storage fees = storage space x 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

In the monthly subscription billing mode, the fees for public network bandwidth are as follows:

Region	Price (Unit: USD/Month)			
	For bandwidth less than or equal to 3 Mbps	4 Mbps	5 Mbps	6 Mbps and above (n is the Configured Maximum Bandwidth)
Guangzhou, Shenzhen Finance, Shanghai, Shanghai Finance, Nanjing, Beijing, Chengdu, Chongqing	0	13.7	17.9	$29.33 + 11.43 \times (n - 6)$
Silicon Valley, Hong Kong (China), Virginia, Taipei (China)	0	17.2	21.5	$35.8 + 14.3 \times (n - 6)$
Singapore	0	13.1	16.4	$27.83 + 11.43 \times (n - 6)$
Bangkok, Seoul, Tokyo	0	14.3	18	$30 + 12 \times (n - 6)$

Frankfurt	0	13	16.6	$28.03 + 11.43 \times (n - 6)$
Jakarta	0	14.4	18	$29.43 + 11.43 \times (n - 6)$

Under the pay-as-you-go billing mode, public network bandwidth fees are as follows:

Region	Price (Unit: USD/Hour)			
	For bandwidth less than or equal to 3 Mbps	4 Mbps	5 Mbps	6 Mbps and above (n is the upper limit of the configured bandwidth.)
Guangzhou, Shenzhen Finance, Shanghai, Shanghai Finance, Nanjing, Beijing, Chengdu, and Chongqing	0	0.0285	0.0373	$0.0611 + 0.0238 \times (n - 6)$
Silicon Valley, Hong Kong (China), Virginia, and Taipei (China)	0	0.0358	0.0448	$0.0746 + 0.0298 \times (n - 6)$
Frankfurt and Singapore	0	0.0273	0.0342	$0.058 + 0.0238 \times (n - 6)$
Bangkok, Seoul, and Tokyo	0	0.0298	0.0375	$0.0625 + 0.025 \times (n - 6)$
Jakarta	0	0.03	0.0375	$0.0613 + 0.0238 \times (n - 6)$

Performance Reference

This section describes the performance differences between exclusive cluster nodes of different specifications, to aid in your purchase decision.

The performance of the following specification is our set reference benchmark value. The actual performance will not be lower than this specification, based on the data from user stress testing, and there will be no additional fees for sudden elasticity beyond the specifications.

Message Type: TDMQ for RabbitMQ offers four types of messages: normal messages, persistent messages, priority messages, and delayed messages. Sending or consuming one message is counted as 1 TPS.

Message Size: Measured at 4 KB per 1 TPS, and sizes less than 4 KB are rounded up to 4 KB. The maximum size for a single message is 4 MB.

Node Specification	Single Node Configuration Recommendations (for reference only)		
	TPS (Production + Consumption)	Recommended Number of Queues	Recommended Number of Connections

2-core 4 GB	750~1250	100	500
4-core 16 GB	1800~3000	200	2,500
8-core 32 GB	4500~7500	500	5,000
16-core 32 GB	9,000-15,000	800	8,000
2-core 4 GB (unavailable for new purchases)	600~1000	100	500
4-core 8 GB (unavailable for new purchases)	1500~2500	100	2000
8-core 16 GB (unavailable for new purchases)	3000~5000	200	3000
4-core 12 GB (sold out)~~	2100-3500	200	2500
8-core 24 GB(sold out)	4200-7000	300	4,000
12-core 24 GB (sold out)	6,000-10,000	400	5,000

Notes on TPS configuration recommendations:

TDMQ for RabbitMQ provides TPS configuration recommendations to assist users in selecting node specifications as a reference.

When the cluster's production and consumption TPS reach the recommended upper limit, traffic throttling is not triggered. However, to ensure stable cluster operations, it is recommended to follow the suggested TPS values to avoid CPU and memory load issues caused by excessive traffic.

Notes on node specifications marked as sold out and unavailable for new purchases:

Node specifications marked as sold out indicate that they are no longer available for new purchases or upgrades on the purchase page. However, the management features, renewals, and upgrades of existing clusters with these specifications are not affected. It is recommended to use node specifications that are currently available for sale.

Node specifications marked as unavailable for new purchases will be sold out in the near future. Once sold out, they will no longer be available for new purchases or upgrades to the corresponding node specifications. However, the management features, renewals, and upgrades of existing clusters with these specifications will remain unaffected.

Product Specifications

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TDMQ for RabbitMQ instances are sold based on node specifications. The specific sales information is as follows:

Item	Description	Open-Source Dedicated Version
Specifications	Node specifications	Currently available node specifications for sale: Recommended: 2-core 8G, 4-core 16G, 8-core 32G, and 16-core 32G. Unavailable for new purchases: 2-core 4G, 4-core 8G, and 8-core 16G.
	Single-node storage specifications	The storage space for each node applies to all nodes within the same cluster.
	Scale-out	Highly flexible, allowing independent scale-out of node specifications, node quantity, or disk space.
	Public network traffic	Supports upgrading public network bandwidth, with 3 Mbps of free public network bandwidth provided by default.
Billing	Billing item	Node specifications and single-node storage specifications are mandatory billing items, while public network access is an optional billing item.
	Billing mode	All billing items support monthly subscription prepayment and hourly post-payment modes.
Stability	SLA guarantee	Service availability: 99.95% (for clusters with 3 or more nodes). Storage reliability: 99.9999999% reliability.

Notes on node specifications marked as unavailable for new purchases:

Node specifications marked as unavailable for new purchases will be sold out in the near future. Once sold out, they will no longer be available for new purchases or upgrades to the corresponding node specifications. However, the management features, renewals, and upgrades of existing clusters with these specifications will remain unaffected.

Purchase Methods

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

1. Log in to the [RabbitMQ console](#).
2. Select **Cluster** on the left sidebar and click **Create Cluster** to enter the purchase page.
3. On the purchase page, select the region, AZ, cluster type, and cluster specification.

Parameter	Required or Not	Description
Cluster type	Yes	Select an exclusive cluster.
Billing mode	Yes	TDMQ for RabbitMQ exclusive clusters provide two billing modes monthly subscription and pay-as-you-go .
Region	Yes	Select a region that is close to the client's resources for deployment. Private networks of cloud products in different regions are not connected, and regions cannot be changed after purchase, so choose carefully.
Availability zone (AZ)	Yes	Select an AZ based on actual needs. Cross-AZ deployment is supported.
Node specification	Yes	Select the appropriate node specifications based on your business requirements.
Number of nodes	Yes	Select the appropriate number of nodes based on your business requirements.
Single node storage specification	Yes	Message storage is billed separately, and within the purchased storage range, messages can be retained indefinitely. The actual storage consumption can be estimated as the message production traffic multiplied by the retention time.
Virtual Private Cloud (VPC)	Yes	Bind the domain name of the newly purchased cluster access point to the specified VPC.
Cluster name	Yes	Enter the cluster name with 3-64 characters, which can only contain digits, letters, hyphens (-), dots (.), and underscores (_).
Tag	No	Used for resource classification and management. For details, see Tag Management .

4. After filling in the information, click **Buy Now** and complete the payment.
5. 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/repossessed, their data will be deleted and cannot be recovered.

Pay-as-You-Go Mode

In pay-as-you-go mode, the billing cycle is daily. On the next calendar day, the billing system will calculate your service usage for the previous calendar day and generate a bill, with service fees deducted from your account based on the billed amount.

If your current account balance is insufficient but the current usage is within the free quota, you can continue to use the service.

If your current account balance is insufficient and you do not have the privilege of non-stop service for unpaid fees, TDMQ for RabbitMQ can continue to be used and fees will continue to be incurred within 24 hours. After 24 hours, the service will be stopped, preventing normal message sending and receiving and access to the console or TencentCloud APIs, while resource occupation fees will continue to be incurred.

After the service is stopped, the system will process TDMQ for RabbitMQ as follows:

Service Termination Duration	Note
Less than or equal to 7 days	If your account balance after top-up is greater than 0, the billing will continue, and you can restart TDMQ for RabbitMQ.
	If your account balance remains negative after top-up, TDMQ for RabbitMQ cannot be restarted.
More than 7 days	If your account balance remains negative after top-up, pay-as-you-go TDMQ for RabbitMQ resources will be terminated. All data will be cleared and cannot be recovered. When TDMQ for RabbitMQ resources are terminated, we will notify the creator of the Tencent Cloud account and all collaborators by email and SMS.

Monthly Subscription Mode

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 your cluster is not renewed within 7 days after expiration, it will be suspended. Then, the system will process it as follows:

Time After Service Suspension	Description
Less than or equal to 7 days	After the service is suspended, the console and APIs cannot be used. The cluster metadata will be retained. During this period, if you renew the cluster, it will be resumed.
More than 7 days	If you don't renew your cluster within 7 days after suspension, your cluster 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.

Note:

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

Last updated : 2024-09-10 14:49:23

Pay-as-You-Go

Clusters under the pay-as-you-go mode can be terminated at any time, and billing will be stopped once the termination is completed.

Monthly Subscription

5-Day Unconditional Self-Service Refund

Refund Policy

TDMQ for RabbitMQ complies with Tencent Cloud [Cloud Service Return Policy](#). If you are dissatisfied after purchasing a cluster, we support a 5-day unconditional self-service refund. The specific rules are as follows:

For each entity, a 5-day unconditional self-service refund for one instance is available within five days (including) from the date of purchasing a new instance. The refund amount is **the total amount spent on the purchase**, including the cash account amount, earnings transferred to the account, and the amount gifted to the account.

Tencent Cloud reserves the right to reject your return request if suspected of abnormal/malicious returns.

Refund Amount and Method

Coupons used during purchase are not refundable. The fees paid without coupons will be refunded to the payer's Tencent Cloud account based on the payment method (cash/gift credits) and payment proportion.

Partial Refund

For prepaid cloud products that do not qualify for a 5-day unconditional full refund policy, 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

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