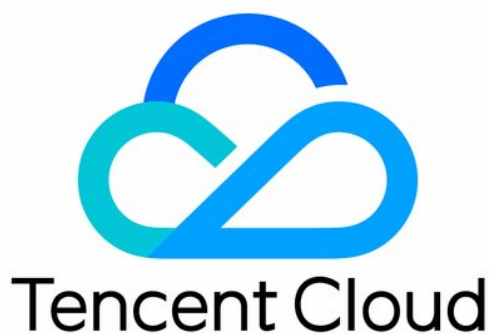


# **TDMQ for RabbitMQ**

## **Release Notes and Announcements**

### **Product Documentation**



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# Release Notes and Announcements

## Release Notes

Last updated : 2025-01-02 16:23:39

### December 2024

Update	Description	Release Date	Documentation
Add cloud APIs for routing binding relationships	Details of the added cloud APIs: CreateRabbitMQBinding: Creates a RabbitMQ routing binding relationship. DescribeRabbitMQBindings: Queries the list of RabbitMQ routing binding relationships. DeleteRabbitMQBinding: Unbinds a RabbitMQ routing binding relationship.	2024-12-09	<a href="#">API Overview</a>
Add cloud APIs for queues	Details of the added cloud APIs: DescribeRabbitMQQueues: Queries the list of queues in a RabbitMQ cluster.	2024-12-09	<a href="#">API Overview</a>

### November 2024

Update	Description	Release Date	Documentation
Support upgrading from a single AZ to multi-AZ deployment	When you upgrade a cluster through the console, if the number of nodes is increased from a single node to multiple nodes, the deployment method supports choosing to upgrade from a single AZ to multi-AZ.	2024-11-29	<a href="#">Upgrade Cluster Configuration</a>
Optimize upgraded disk space	When you only upgrade the disk, the cluster will not be restarted.	2024-11-29	<a href="#">Upgrade Cluster Configuration</a>

### August 2024

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Update	Description	Release Date	Documentation
New pay-as-you-go pricing mode	Added a new pricing mode: pay-as-you-go, which uses postpaid mode, where charges were based on resource usage.	2024-08-20	<a href="#">Billing Overview</a>
Monthly subscription and pay-as-you-go conversion	Users could switch between the two billing modes through console operations.	2024-08-20	<a href="#">Switch Cluster Billing Mode</a>
Support for creating custom policies	Users could choose to create Image Policies or Custom Policies. When they created Custom Policies, frequently used fields were provided for user convenience.	2024-08-20	<a href="#">Policy Management</a>
Default alarm template provided	When configuring alarm policies, users could choose to use preset trigger conditions.	2024-08-20	<a href="#">Monitoring and Alarm</a>

## May 2024

Dynamic Name	Dynamic Description	Release Date	Documentation
The RabbitMQ cloud console has been independently split from TDMQ.	The RabbitMQ console Menu is displayed as a Primary Product, and the sidebar is supplemented with an Overview Page, Independent Resource Management Pages (Vhost, Exchange, Queue), and an Independent Monitoring Dashboard Management Page.	2024-05-23	-
Smart Inspection is enhanced with features for Image Queues and Persistent Metrics.	Smart Inspection indicators for Vhost Image Queues, Persistent Exchanges, and Persistent Queues.	2024-05-23	<a href="#">Smart Inspection</a>
Purchase page has price display and billing details.	Displayed the fees of cluster specifications and storage separately.	2024-05-23	-
Delayed Message Count metric were	Added Delayed Message Count metric at the cluster dimension and the Exchange dimension (new dimension).	2024-05-23	<a href="#">Monitoring and Alarms</a>

added for monitoring.			
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## April 2024

Dynamic Name	Dynamic Description	Release Date	Documentation
Creating a Vhost can enable Image Queue.	It will be enabled by default, but users can choose not to enable it.	2024-04-25	<a href="#">Vhost Management</a>
Migration to Cloud Task supports sorting by time.	-	2024-04-25	-
Added policies and new advanced configuration parameters during the creation of a new Quorum type queue.	Added a new dead letter policy, and new advanced configuration parameters: Delivery limit, Initial cluster size, Leader locator.	2024-04-25	<a href="#">Queue Management</a>

## March 2024

Update	Description	Release Date	Documentation
Canceled dot (.) restriction for Vhost and user names	-	2024-03-14	<a href="#">Use Limit</a>
Added regions	Chongqing is added.	2024-03-14	-
Supported cluster instance query by route IP address	-	2024-03-14	-
Supported node exception alarms	-	2024-03-14	-
Added "Opened	-	2024-03-14	-

Channel Count"			
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## January 2024

Update	Description	Release Date	Documentation
Migrated metadata to the cloud	Tasks can be created in the console to import metadata of a self-built RabbitMQ cluster into a TDMQ for RabbitMQ cluster.	2024-1-29	<a href="#">Migrating Metadata to the Cloud</a>
Added recommended TPS upper limit	The recommended TPS upper limit is added to cluster monitoring metrics when the mirror queue is not enabled.	2024-1-29	<a href="#">Monitoring and Alarm</a>
Selected mirror queue on the purchase page	When you purchase more than three nodes, the mirror queue is enabled by default.	2024-1-29	-

## November 2023

Update	Description	Release Date	Documentation
Supported public network bandwidth downgrade	The public network bandwidth can be downgraded in the console. Public network routes can be deleted only when the bandwidth is 3 Mbps (without additional public bandwidth purchases).	2023-11-23	<a href="#">Public Network Bandwidth Management</a>
Supported viewing public network bandwidth monitoring	Inbound/Outbound bandwidth monitoring metrics of the public network can be viewed in the console.	2023-11-23	<a href="#">Monitoring and Alarm</a>
Supported plugin management	Plugins supported by a TDMQ for RabbitMQ cluster by default are displayed on the <b>Plugin Management</b> tab page.	2023-11-23	<a href="#">Plugin Management</a>

## September 2023

Update	Description	Release	Related
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		Date	Documents
Supported public network bandwidth upgrade	The public network bandwidth can be upgraded on the basis of the free quota of 3 Mbps and is paid in monthly subscription mode. Separate cancellation and downgrading are not supported.	2023-09-25	<a href="#">Public Network Bandwidth Management</a>
Supported smart inspection	Smart inspection automatically checks cluster issues and potential risks, provides solutions based on expert experience, and automatically summarizes health check results into reports. It helps you extract key information, efficiently locate problems, provide professional recommendations, and close Ops experience issues.	2023-09-25	<a href="#">Smart Inspection</a>

## July 2023

Update	Description	Release Date	Documentation
Launched new specifications	TDMQ for RabbitMQ launched new node specifications such as 2-core 4 GB MEM for your flexible selection.	2023-07-18	-

## April 2023

Update	Description	Release Date	Documentation
Supported v3.11.8	TDMQ for RabbitMQ is now compatible with open-source RabbitMQ 3.11.8.	2023-04-18	-
Supported quorum queue	You can create the quorum queue in the console.	2023-04-18	<a href="#">Queue Management</a>
Supported parameter refinement when creating a queue	You can set parameters such as node and persistence when creating a queue.	2023-04-18	
Supported event center	The event center manages, stores, analyzes, and displays the event data generated by TDMQ for	2023-04-18	<a href="#">Event Center</a>



RabbitMQ in a unified manner. You can easily view the event data details there.

## March 2023

Update	Description	Release Date	Documentation
Supported querying messages in exclusive clusters	If there are abnormal or missing messages, you can use the message query feature in the TDMQ for RabbitMQ console to analyze and locate the problem promptly.	2023-03-14	<a href="#">Message Query</a>
Supported deployment across three AZs	An exclusive cluster can be deployed across three AZs for a higher availability.	2023-03-14	-
Supported node management	Exclusive clusters support node management, where you can view the list of all nodes in the current cluster and node status metrics.	2023-03-14	<a href="#">Node Management</a>
Connecting to Prometheus	Prometheus is provided to scrape the metric information of nodes, including basic monitoring metrics such as queue, channel, and connection, as well as the metrics exposed by the broker's JMX.	2023-03-14	<a href="#">Connecting to Prometheus</a>
Supported selecting roles during user creation	You can select different roles with different permissions when creating users for exclusive clusters.	2023-03-14	<a href="#">User and Permission Management</a>
Supported SSL/TLS transfer encryption	SSL/TLS transfer encryption is supported in case of VPC access.	2023-03-14	<a href="#">Adding Routing Policy</a>
Supported specifying the access point IP	If you select VPC access, you can specify the IP to keep it unchanged when changing the access mode.	2023-03-14	
Supported displaying abnormal cluster status	TDMQ for RabbitMQ has an inspection program in place for each cluster, which checks the cluster's node status, disk utilization, memory utilization, and other metrics and display different health states when these metrics exceed certain thresholds.	2023-03-14	<a href="#">Viewing Cluster</a>

## February 2023

Update	Description	Release Date	Documentation
Discontinued virtual cluster	TDMQ for RabbitMQ virtual cluster (in beta test) will be gradually discontinued by region starting from December 14, 2022.	2023-02-07	<a href="#">TDMQ for RabbitMQ Virtual Cluster Discontinuation</a>

## December 2022

Update	Description	Release Date	Documentation
Integrated the capabilities of the open-source console into the exclusive cluster console	The exclusive cluster console integrates various capabilities of the open-source console, such as vhost, exchange, queue, routing, user and permission, and policy management. This helps deliver an adaptive user experience.	2022-12-19	-
Offered optional public network addresses for data flow and control flow	-	2022-12-19	<a href="#">Cluster Management</a>

## November 2022

Update	Description	Release Date	Documentation
Supported cross-AZ high-availability deployment	Cross-AZ deployment is supported and a mature disaster recovery solution is provided to ensure the high availability.	2022-11-23	-
Added new regions	Chengdu, Nanjing, and Tokyo regions are added.	2022-11-23	-
Supported cluster configuration	If the current cluster specifications cannot meet your business needs, you can increase the node	2022-11-17	<a href="#">Cluster Management</a>

upgrade	specification, node quantity, and single-node storage specification of the cluster in the console.		
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## October 2022

Update	Description	Release Date	Documentation
Supported setting the IP allowlist for public network access	You can configure the IP allowlist for access to the open-source RabbitMQ console in the TDMQ for RabbitMQ console.	2022-10-28	<a href="#">Cluster Management</a>
Launched the exclusive cluster feature commercially	You can purchase exclusive clusters with physical resources isolated between them.	2022-10-09	<a href="#">Billing Overview</a>

## April 2022

Update	Description	Release Date	Documentation
Upgraded the monitoring feature	TDMQ for RabbitMQ has upgraded its monitoring panel. The new panel supports monitoring metrics of clusters, vhosts, exchanges, and queues, with dozens of new monitoring metrics added for status diagnosis and problem locating, such as P95/P99/P999 production durations.	2022-04-28	-

## January 2022

Update	Description	Release Date	Documentation
Supported RabbitMQ migration to the cloud	TDMQ for RabbitMQ supports migrating RabbitMQ clusters to the cloud for a better service experience.	2022-01-14	<a href="#">Migrating RabbitMQ to Cloud</a>

## December 2021

Update	Description	Release Date	Documentation
Launched the message query feature	You can check the production records of a batch of messages in the specified time period or a specific message with the specified message ID. After finding the production records, you can further view the body content and parameters of the messages.	2021-12-28	-
Provided demos for multiple programming languages	-	2021-12-28	<a href="#">SDK Documentation</a>

## October 2021

Update	Description	Release Date	Documentation
Supported the alternate exchange capability of open-source RabbitMQ	If the primary exchange cannot route a message, the message will be routed to the alternate exchange for message delivery. This feature can be used for message delivery monitoring.	2021-10-27	-
Supported declarations on the client	You can declare exchanges, queues, and bindings through code on the client, which greatly reduces the manual workload during migration.	2021-10-27	<a href="#">RabbitMQ Client API Description</a>
Supported connection with RabbitMQ client in the open-source Spring framework	Thanks to the support for declarations on the client, you can seamlessly migrate to TDMQ for RabbitMQ if you originally use the message queue through Spring's built-in client.	2021-10-27	-
Supported exclusive consumption	You can declare the <code>exclusive</code> field in the consumption code, indicating that the queue can be consumed by only one consumer, and an error will be reported when a second consumer tries to connect to it.	2021-10-27	-

## September 2021

Update	Description	Release Date	Documentation
Launched TDMQ for RabbitMQ	TDMQ for RabbitMQ is a proprietary message queue service developed by Tencent. It supports the AMQP 0-9-1 protocol and is fully compatible with all components and principles of Apache RabbitMQ. It also has the underlying benefits of computing-storage separation and flexible scaling.	2021-09-25	<a href="#">Overview</a>

# Announcements

## TDMQ for RabbitMQ Virtual Cluster Discontinuation

Last updated : 2023-03-02 10:48:45

TDMQ for RabbitMQ virtual cluster (in beta test) will be gradually discontinued by region starting from December 14, 2022. You can migrate to exclusive cluster. For more information, see [Migrating Virtual Cluster to Exclusive Cluster](#). If you have any questions, [submit a ticket](#) for assistance.

The schedule is as follows:

Singapore and Shenzhen Finance: 10:00:00 PM, December 14, 2022

Beijing: 10:00:00 PM, December 21, 2022

Shanghai: 10:00:00 PM, December 28, 2022

Seoul: 10:00:00 PM, January 1, 2023

Guangzhou: 10:00:00 PM, January 10, 2023

# Commercial Launch of TDMQ for RabbitMQ Exclusive Cluster

Last updated : 2022-10-31 15:28:50

Exclusive clusters have been made commercially available in TDMQ for RabbitMQ. They are widely used across industries such as education, mobility, game, and pan-internet.

Exclusive clusters are physically isolated from each other. They are monthly subscribed (prepaid) and reserved with an upfront payment. If your business involves a large volume of messages, you will find it more cost-effective to use exclusive clusters to meet your high SLA requirements. To purchase an exclusive cluster, click [here](#).

# TDMQ for RabbitMQ Beta Test Start

Last updated : 2022-05-24 14:56:41

TDMQ for RabbitMQ has been in beta test since January 6, 2022. You can directly log in to its [console](#) to use it for free; however, the Tencent Cloud products used by it will be charged by resource usage following their respective billing rules.

For more information on this product, [contact us](#).