

TDMQ for RocketMQ

Release Notes and Announcements

Product Documentation



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Release Notes and Announcements

Release Notes

Last updated : 2024-08-21 11:10:17

July 2024

Dynamic Name	Dynamic Description	Release Date	Related Documentation
HTTP Protocol Supported by 4.x Generic Clusters	4.x generic clusters support HTTP protocol, using the open-source community HTTP SDK. Some regions' generic clusters have not yet opened HTTP protocol access points, you can submit a ticket to apply if you need them.	2024-07-31	Sending and Receiving General Messages
Optimized Traffic Throttling Rules of 5.x Cluster	Reduce millisecond-level burst traffic impact on traffic throttling rules.	2024-07-31	-
Optimized Access Experience of Terraform	Optimization of cluster-related APIs for the Terraform platform, supporting the newly launched 4.x generic clusters.	2024-07-31	-
Message Bodies Supported for Downloading	Customers can query a single message and download the content, including the message body and header.	2024-07-31	Query General Messages
Number of Client Threads Supported for Displaying	Display the number of threads when the user is viewing the client stack.	2024-07-31	Group Management

May 2024

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Cluster Charging Mode Switch	5.x clusters in the running state support switching the charging model from monthly subscription to hourly billing mode.	2024-05-31	Cluster Billing Mode Switch
Seamless Migration Feature Optimization	Supports indicating consumer clients that have not completed the switch during the grayscale switching process; Supports the migration task monitoring page, and comparing metrics between the source clusters and target clusters.	2024-05-31	Seamless Migration
The HTTP Protocol Supported by 5.x Clusters	5.x clusters support the HTTP Protocol, and use the open-source community HTTP SDK, access point and TCP are consistent.	2024-05-31	-

April 2024

Dynamic Name	Dynamic Description	Release Date	Related Documentation
5.x Professional and Platinum Versions' Newly-added Computing Specifications	5.x Professional Version adds several specifications between 50,000–100,000 TPS; 5.x Platinum Version refines specifications, shortens step size, and makes purchasing more flexible; 5.x Professional Version's large specifications and Platinum Version's full specifications are reduced in price, with the maximum decrease reaching 40%.	2024-04-17	5.x Billing Overview
4.x Generic Clusters Sales Form	The number of nodes is not exposed to the public; sales are based on TPS, and exceeding TPS is strictly traffic throttling; Exclusive physical resources, higher cost-performance ratio, and lower storage price; Customized parameter optimization based on the business scenes.	2024-04-17	Generic Cluster
Optimization of	Optimize the display of the consumption status for	2024-04-17	-

the Consumption Status Display in Message Details	messages filtered by SQL or TAG filtering rules, correcting the status from Not Consumed to Filtered.		
Optimization of Bills Display	Auto-renewal order detail Page displays specification details. Bill additionally displays resource alias. Fixed occasional error defects when purchasing and terminating prepaid (monthly subscription) clusters.	2024-04-17	-

February 2024

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Seamless Migration Feature and Experience Optimization	During the migration of a self-built cluster, VPC network interconnection supports automatic network interconnection of different product types such as CLB and CVM simultaneously. When a self-built cluster is migrated from a local IDC, interconnection scenes involving various network types such as associated Cloud Connect Network and Direct Connect Gateway are supported. When metadata is imported, importing the ACL configuration of the source cluster is supported. During the cluster traffic switching process, it supports automatic detection of consumer groups (Groups) that have not completed the traffic switching; Supports the removal of Topics that meet the conditions from the migration task; Adds several health checks and other features.	2024-02-28	Seamless Migration
Topic Granularity Setting Retention Time	For RocketMQ 5.x Professional and Platinum Versions clusters, it supports custom message retention time for each Topic. Users can adjust the retention time of Topic used according to business needs.	2024-02-28	Topic Management
Cluster Topic and Group Quota Adjustment	Users can self-service to increase or decrease the Topic and Group quotas of a cluster on the page (within a reasonable range set by the page). To ensure the stability of the cluster and regulate the	2024-02-28	Billing Overview

	rational use of resources, a small fee will be charged for amounts exceeding the quota.		
Monitoring Metrics Optimization	4.x clusters add metrics, including consumption latency metrics and the number of dead-letter metrics; Dedicated 4.x and 5.x clusters support public network bandwidth metrics.	2024-02-28	-

November 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Seamless Migration Capability	Supports user automation operations, migrating self-built RocketMQ clusters to RocketMQ 5.x clusters of various specifications. The entire migration process is visualized, and it supports rollback the status during migration.	2023-11-16	Seamless Migration
Console Integration and Interaction Optimization	Merge of 4.x and 5.x cluster consoles, unifying interactions across different versions; The display of progress is also supported when a cluster is created; When terminating or downgrading clusters, conduct critical metric assessments.	2023-11-16	-
Query Retry Messages	You can query recent retry messages by Topic, and view the details of each retry by message ID.	2023-11-16	-
Direct Access Through Global Search in the Console	After you search for the RocketMQ cluster ID in the console, being directly redirected to the RocketMQ console is supported.	2023-11-16	-
Monitoring Metrics and Interaction Optimization	The Topic/Group monitoring page supports the comparison of multiple Topic/Group metrics; Supports displaying the comparison of the number of messages across multiple duration ranges.	2023-11-16	Monitoring Alarm
Metrics Connection with Tencent Cloud Observability Platform	Users can obtain metrics of various RocketMQ versions using Prometheus instances from Tencent Cloud Observability Platform (TCOP).	2023-11-16	-

(TCOP) Prometheus			
4.x SDK Compatibility	Server-side compatibility with the broadcast consumption mode of the PushConsumer from the 4.x version client SDK.	2023-11-16	SDK Description

October 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Seamless Migration Capability	Supports user automation operations, migrating self-built RocketMQ clusters to dedicated RocketMQ 4.x clusters. The entire migration process is visualized, and it supports the rollback status during migration.	2023-10-16	Seamless Migration
Message Cross-Cluster Replication	RocketMQ 4.x clusters support message replication across different clusters at the Topic granularity. The replicated messages support multiple filtering methods, and the replication process can be visually monitored and started or stopped at any time.	2023-10-16	-
Metadata Import and Export Supported	RocketMQ 4.x clusters support exporting Topics and Groups and other metadata into .xlsx format documents, and support importing into other clusters.	2023-10-16	Topic Management Group Management
Query Messages by TAG	The message query page supports querying messages by TAG.	2023-10-16	Querying Message
Client Stack Viewing	4.x cluster supports viewing the stacks of each client within a Group.	2023-10-16	Group Management
Viewing the Queue Details of a Topic	On the Topic details page of the dedicated RocketMQ 4.x cluster, you can find the distribution of different queues of the current Topic across various Broker nodes. On the Group details page, you can find the consumption status of different queues of different Topics subscribed by the current group.	2023-10-16	Topic Management Group Management
Resource Deletion	When deleting resources in a RocketMQ 4.x virtual cluster, it performs assessments based on metrics such as current message heaps and optimizes the	2023-10-16	Cluster Management

Interaction Optimization	display of pages and prompts messages during deletion; For dedicated clusters upon return, the Being Isolated status is add to prevent accidental deletion of resources, allowing them to be retrieved and restored at any time without incurring charges throughout the isolation period.		
IP Ranges Supported by Public Network Allowlist	For RocketMQ 4.x dedicated clusters, when enabling public network allowlist, IP range entry is supported; The interaction prompt for adding public network allowlist is optimized.	2023-10-16	-

September 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
RocketMQ 5.x Commercial Product Form Latest Release	All product types (Trial/Basic/Pro/Platinum) support hourly and monthly subscription. Supports upgrading and downgrading between different types. Computing and storage are more elastic: Storage is charged hourly based on actual usage, and computing supports elastic TPS beyond specifications to address unexpected burst traffic. More comprehensive monitoring metrics. Supports multi-level metric drilling down for Topic&Group&Client ID. Support for the import and export of metadata. Support for client stack viewing.	2023-09-01	Overview Billing Overview

July 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Group Metrics Refinement	You can view consumption metrics related to a Topic subscribed to by the Group on the Monitoring page in the Group console.	2023-07-10	Group Monitoring
Topic Billing Metrics Refinement	You can view the number of API calls made by a specific Topic in a virtual cluster during production in the console.	2023-07-10	Topic Monitoring
Bills Display	In the pay-as-you-go mode for virtual clusters, you can view the	2023-	-

Optimization	cluster corresponding to the resource usage fee charged for a Topic in the bill.	07-10	
Message Heaps Display Optimization	Due to the limitation of the consumption mode, message heaps are not displayed for the Group and the consumer in the broadcasting consumption mode.	2023-07-10	-

April 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Modifying Message Retention Time Supported by Dedicated Clusters	The default message retention time for a dedicated cluster is three days after it is created; You can modify the message retention time of the dedicated cluster by clicking Edit on the cluster list page, and the modification will take effect for all Topics in the entire cluster.	2023-04-08	Cluster Management > Viewing cluster details
Downgrade Operation Supported by Dedicated Clusters	You can reduce node configuration for a dedicated cluster by reducing node specifications in the console.	2023-04-08	Cluster Management
Ordered Messages Supported by the HTTP Protocol	The HTTP protocol supports partitioned ordered message features. Users can use HTTP protocol to implement partitioned ordered messages by integrating the corresponding client.	2023-04-08	Access over HTTP
Related Metrics and Alarms for Node Load Provided by	You can configure node-related metrics and alarms in the TCOP console for an dedicated cluster, so that you can view metrics such as the load status of each node of the current dedicated cluster.	2023-04-08	Configuring Alarm

Dedicated Clusters			
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March 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
The Clustering of Monitoring Metrics for Topics Under a Consumer Group Added	You can configure monitoring metrics and alarms for Topics under a Consumer Group in the TCOP console, so that you can view related monitoring metrics of topics subscribed by a certain group, such as message heap and production/consumption rate.	2023-03-15	Configuring Alarm > Alarm Metric Dimension
Downloading Messages and Dead Letter in Batch Supported	You can query messages and dead letter in the console, and download a single message or multiple messages and dead letter in batch. In the downloaded file, you can check the message sending time, message body content and related attributes.	2023-03-15	Querying Message > Message export
Top Ranking of Resources Displayed on the Cluster Details Page	For users with a large number of Topics and Groups, a Resource Top Ranking list is provided, which ranks the Topics and Groups in the cluster by dimensions such as heap and consumption/production rate; this allows users to focus on the health of the header's resources.	2023-03-15	Cluster Management > Viewing cluster details
Resetting Consumption Checkpoint for Offline Consumers Supported	TDMQ for RocketMQ supports automatically filtering out the Groups with the broadcasting consumption mode in the console, and allows you to reset the checkpoint for offline consumers (non-Pull mode).	2023-03-15	Group Management > Setting an offset
Disabling Automatic Group Creation	In order to ensure the stability of the online cluster and prevent metadata redundancy in the console, TDMQ for RocketMQ has disabled the feature of automatic group creation. When starting the consumer client, you need to create the corresponding Group in the console first.	2023-03-15	Group Management > Creating a group

January 2023

Dynamic Name	Dynamic Description	Release Date	Related Documentation
The Option of Querying Last 100 Messages on the Message Query Page Added	TDMQ for RocketMQ adds the new option of Querying Last 100 Messages on the message query page. The query results are ordered by time to solve the problem that the paginated results are not in strict chronological order.	2023-01-11	Querying Message
Deletion of Groups and Topics Resources in Batch Supported	You can delete redundant Groups and Topics in batch in the console to lower operating costs.	2023-01-11	Group Management Topic Management
The Public Network Allowlist Supported by Dedicated Clusters	You can enable the public network IP allowlist upon cluster purchase or at any time later to filter out IPs that pose security risks.	2023-01-11	Cluster Management

December 2022

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Virtual Clusters Officially Commercialized	TDMQ for RocketMQ has ended its public beta of virtual clusters on December 28, 2022 and will start billing for such clusters. The billing mode is pay-as-you-go (postpaid), which is suitable for testing or scenes with unpredictable traffic peaks.	2022-12-28	Virtual Cluster Billing Overview

Traffic Throttling for API Calls of Sending and Receiving Messages in Virtual Clusters Supported	In order to ensure the stability of the virtual cluster, TDMQ for RocketMQ will implement traffic throttling by cluster or Topic. You can view the corresponding traffic throttling monitoring metrics on the cluster monitoring or Topic monitoring page.	2022-12-28	Cluster Monitoring
Metadata Migration Supported by Virtual Clusters	You can use the metadata migration tool to migrate the metadata from open-source RocketMQ to TDMQ for RocketMQ virtual clusters.	2022-12-28	Metadata Migration
The HTTP Protocol Supported	TDMQ for RocketMQ supports the access over HTTP. You can view the HTTP access address on the cluster details page.	2022-12-28	Cluster Management
Resending Dead Letter Messages Supported	The message query feature allows you to resend a single dead letter message or resend them in batches. After a dead letter message is resent, it will be delivered to the retry queue of the original queue; however, it will not be deleted immediately from the dead letter queue; instead, it will be deleted at the end of the message lifecycle (3 days).	2022-12-28	Querying Dead Letter Message

November 2022

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Public Network Bandwidth Supported	Dedicated cluster: Billing by the public network bandwidth has been started, and additional fees will be incurred after the public network access is enabled. Virtual cluster: Billing by the public network bandwidth hasn't been started, and we recommend you use the public network access only in testing and debugging environments.	2022-11-21	Billing Overview
Adjusting the Node Specification and Storage	If the current cluster specifications cannot meet your business needs, you can increase the node specification, node quantity, and storage specification in the console.	2022-11-21	Cluster Management

Specification Supported			
Sending Test Messages Supported	You can manually send test messages to the specified Topic in the console.	2022-11-21	Topic Management
Viewing Message Increase Consumption Status Description	When querying messages, you can view the message consumption status and exception diagnosis information and send messages again on the message details page.	2022-11-21	Querying Message
Optimization of the Dedicated Clusters Overview Page in the Console Display	-	2022-11-21	Cluster Management
Optimization of the Group List Page Display	-	2022-11-21	Group Management
Correction and Optimization of Dedicated Cluster Metrics	<p>1. The original calculation method for some monitoring metrics such as consumption speed and message heap was incorrect and led to higher aggregated hourly values at cluster and group levels. This is fixed now.</p> <p>2. Note: After the new metric calculation method is released, historical metric values may be invisible or have breakpoints when you view related metrics in the console or on the CM chart, and null values may be returned when you pull the historical (11.2-11.XX) metric values of dedicated clusters through TencentCloud API.</p>	11/16/2022	-

October 2022

Dynamic Name	Dynamic Description	Release Date	Related Documentation
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Commercialization of Dedicated Clusters to the External	Users can purchase exclusive clusters where physical resources are isolated from each other.	10/24/2022	Billing Overview
Cluster Monitoring Feature Supported	Monitoring metrics and alarms in different dimensions are displayed for dedicated clusters in the console, such as production, consumption, storage, and consumer group.	2022-10-24	Cluster Monitoring
Querying Dead Letter Messages Supported by Dedicated Clusters	On the message query page, you can query a dead letter message based on its message ID or the dedicated cluster's group. This will be supported for virtual clusters in the future.	2022-10-20	Querying Dead Letter Message
Message Verification	After querying a specific message, you can push it to a specified online client to check whether the client consumes it logically as expected.	10/20/2022	Querying Message

December 2021

Dynamic Name	Dynamic Description	Release Date	Related Documentation
The Message Query and Message Trace Features Launched	You can query the production record of a message by its Key/ID to see its details and trace, with the trace accurate to each retry until the message is delivered to the dead letter queue.	2021-12-22	Querying Message
Configuring Alarms in TCOP Supported	You can configure alarms for metrics such as message production traffic/rate threshold, the number of online producers, and message heap in the TCOP console.	2021-12-22	Configuring Alarm
Configuring the Number of Topic Partition as	You can configure up to 32 topic partitions as needed.	12/22/2021	Topic Management

Needed Supported			
Demos for Multiple Languages Provided	-	12/22/2021	SDK Documentation

September 2021

Dynamic Name	Dynamic Description	Release Date	Related Documentation
Message Queue TDMQ for RocketMQ Launched	TDMQ for RocketMQ is a proprietary message queue service developed by Tencent. It is compatible with all components and principles of Apache RocketMQ, and supports connection to RocketMQ 4.6.1 or later without any modifications. It also has the underlying benefits of computing-storage separation and flexible scaling.	2021-09-25	Overview

Announcements

Notice on Disabling the Automatic Group Creation for Some Virtual Clusters in TDMQ for RocketMQ 4.x

Last updated : 2024-08-07 15:51:39

In order to improve the stability of RocketMQ 4.x virtual clusters, TDMQ for RocketMQ will perform stability maintenance and upgrade of underlying resources on August 30, 2024, and the automatic group creation feature for RocketMQ 4.x virtual clusters will be disabled. If your current business relies on automatic group creation, please make changes as soon as possible to avoid impact on the subsequent use (groups need to be created in the console or by using the TencentCloud API CreateRocketMQGroup); If your current business does not involve automatic group creation, please ignore this notice. If there is any problem for the use of RocketMQ clusters, please contact us by [submitting a ticket](#).

Notice on the Cessation of Purchase for TDMQ RocketMQ 4.x Virtual Clusters Switching Cluster Billing Modes

Last updated : 2024-05-29 15:48:21

The selling of the TDMQ RocketMQ 4.x virtual clusters will be stopped from June 3, 2024. The already purchased 4.x virtual clusters will not be affected, and all features will continue to work normally. If you need to make new purchases, we recommend using version 5.x and other types of clusters for version 4.x. For more information, you can visit the [RocketMQ Purchase Page](#) to view the details.

If you encounter any issues during use, you can enter [Online Customer Service](#) for consultation, and we will serve you wholeheartedly!

Commercial Launch of TDMQ for RocketMQ Exclusive Cluster

Last updated : 2022-11-28 11:02:50

Exclusive clusters have been made commercially available in TDMQ for RocketMQ. 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 RocketMQ Beta Test to Be Ended

Last updated : 2022-11-28 11:02:50

TDMQ for RocketMQ virtual clusters have been extensively tested by developers and users since the open beta test, and its product stability has been improved. **The beta test will end in November 2022 and the virtual clusters will become commercially available after that.** We will inform you of the commercialization details in advance via SMS, Message Center, and the console.

TDMQ for RocketMQ exclusive clusters have already been commercialized, and you can purchase them as long as you have been added to the allowlist. Featuring physically isolated resources and more stable environments, exclusive clusters are widely used across industries such as education, mobility, game, and pan-internet. If you want to use TDMQ for RocketMQ exclusive clusters, [contact us](#).

For comparison between the two cluster types, see [Product Series](#).

TDMQ for RocketMQ Beta Test Start

Last updated : 2022-05-23 15:33:59

TDMQ for RocketMQ has been in beta test since January 20, 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](#).