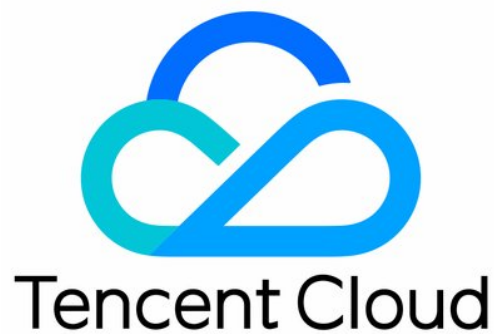


# **TDSQL-C for MySQL**

## **Release Notes and Announcements**

### **Product Documentation**



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# Release Notes and Announcements

## Release Notes

Last updated : 2022-11-14 16:34:54

### August 2022

Update	Description	Release Date	Documentation
Supported the custom password strength feature	TDSQL-C for MySQL supports the custom password strength feature to protect the database security and meet your needs for compliance with applicable regulations.	2022-08-22	<a href="#">Overview</a>
Optimized the monitoring and alarming feature	TDSQL-C for MySQL adds new monitoring metrics, optimizes metric names, parameters, units, collection/calculation/aggregation methods, the entry to the monitoring feature, and the monitoring page, and is connected to the alarming feature of EventBridge. This improves the system stability and Ops efficiency and reduces the Ops costs, helping you easily stay up to date with the overall database resource usage and status.	2022-08-05	<a href="#">Monitoring Feature</a>

### July 2022

Update	Description	Release Date	Documentation
Supported database proxy	TDSQL-C for MySQL supports database proxy between TencentDB services and user applications. With this feature, all database access requests from the applications are proxied, with writes and reads relayed separately to the source and replica databases to relieve the source database.	2022-07-11	-

### May 2022

Update	Description	Release Date	Documentation
Supported slow log query and download	TDSQL-C for MySQL supports slow log details query and download. You can download log files in CSV format or native format (recognizable by open-source analysis tools) to identify and optimize inefficient SQL statements and thus improve the efficiency and performance.	2022-05-31	<a href="#">Querying and Downloading Slow Log Details</a>
Optimized the backup management feature	TDSQL-C for MySQL optimizes the backup management feature. It supports logical backup and snapshot backup, manual backup download and deletion, and backup retention period customization. This improves the integrity of the data backup and rollback features.	2022-05-30	<a href="#">Backup and Rollback Overview</a>

## March 2022

Update	Description	Release Date	Documentation
Released TDSQL-C for MySQL performance test reports	TDSQL-C for MySQL performance test reports are released. The tests compare TDSQL-C for MySQL and TencentDB for MySQL in write, read, and read-write scenarios. Test results show that TDSQL-C for MySQL performs better.	2022-03-28	<a href="#">Performance Overview</a>

## February 2022

Update	Description	Release Date	Documentation
Updated the kernel minor version of TDSQL-C for MySQL 5.7	<ul style="list-style-type: none"> <li>2.0.15: Supported extended table space, and added new JSON functions: JSON_MERGE_PRESERVE, JSON_MERGE_PATCH, JSON_PRETTY, JSON_STORAGE_SIZE, JSON_ARRAYAGG, and JSON_OBJECTAGG.</li> <li>2.0.16: Optimized `undo space truncate`, improved the speed of `undo truncate` on high-spec</li> </ul>	2022-02	<a href="#">Kernel Version Release Notes</a>

instances, and optimized the performance of large-scale queries on read-only instances.

## January 2022

Update	Description	Release Date	Documentation
Supported read-only instance expansion in TDSQL-C for MySQL 8.0	After the kernel version of TDSQL-C for MySQL 8.0 is upgraded to 3.1.2, it supports read-only instance expansion, which significantly improves the read performance scalability of database clusters.	2022-01	<a href="#">Kernel Version Release Notes</a>

## November 2021

Update	Description	Release Date	Documentation
Supported multi-AZ deployment	The engine of TDSQL-C for MySQL allows deploying a cluster across AZs. A multi-AZ cluster has superior disaster recovery capabilities than a single-AZ cluster and can protect your database against database instance failures, AZ outages, and even IDC-level failures.	2021-11	<a href="#">Overview</a>

## October 2021

Update	Description	Release Date	Documentation
Supported data subscription	DTS supports the migration of various relational databases including TDSQL-C for MySQL as well as NoSQL databases. You can use data subscription to meet your requirements for commercial data mining and async business decoupling.	2021-10	-
Supported automatic	TDSQL-C for MySQL can automatically reclaim fragmented space after data deletion, which reduces	2021-10	-

fragmented space reclaim	the storage costs.		
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## September 2021

Update	Description	Release Date	Documentation
Supported MySQL 8.0	The engine kernel of TDSQL-C for MySQL now supports MySQL 8.0. Combined with a complete set of management services and proprietary kernel features, it provides more stable and faster cloud native database services that are easier to deploy in more industries and help upgrade your business. (Currently, this version doesn't support adding read-only instances.)	2021-09	-
Supported instant DDL	TDSQL-C for MySQL supports the instant DDL feature to quickly modify columns in big tables while avoiding data replication. This feature can implement changes in seconds without replicating data or using disk capacity or I/O during peak hours.	2021-09	<a href="#">Instant DDL Overview</a>

## June 2021

Update	Description	Release Date	Documentation
Supported monthly subscription for storage billing	The monthly subscription (prepaid) billing mode is supported for storage. If you have a monthly-subscribed compute node in non-serverless mode, you can select monthly subscription for storage.	2021-06	<a href="#">Billing Overview</a>
Upgraded the computing power specification of the serverless mode	In serverless billing mode, the elastic computing power can be configured to up to 16 cores.	2021-06	<a href="#">Serverless Service</a>

## May 2021

Update	Description	Release Date	Documentation
Supported database audit in TDSQL-C	TDSQL-C for MySQL 5.7 supports database audit to log the fine-grained audit results of database operations and manage operation compliance. This feature helps you get a whole picture of all database SQL operations. It also provides detailed backtracking data of database operations and enables convenient accountability for database security incidents.	2021-05	<a href="#">Enabling TDSQL-C Audit</a>

## March 2021

Update	Description	Release Date	Documentation
Supported database and table-level rollback	TDSQL-C can roll back databases/tables to the original cluster and roll back an entire cluster (clone) to a new cluster. You can choose different rollback methods according to your business needs.	2021-03	<a href="#">Rolling back Data</a>

## December 2020

Update	Description	Release Date	Documentation
Supported the change from pay-as-you-go to serverless billing	The billing mode of TDSQL-C can be changed from pay-as-you-go to serverless. TDSQL-C implements the change by converting the cluster type on the backend. The bills and details will change as a result of the conversion, but the payment mode will remain postpaid.	2020-12	<a href="#">Change from Pay-as-You-Go to Serverless Billing</a>
Supported the change from pay-as-you-go to monthly subscription billing	The billing mode of TDSQL-C can be changed from pay-as-you-go to monthly subscription. TDSQL-C implements this change by generating renewal orders, so you need to make the corresponding payment promptly to ensure that the billing mode change is successful.	2020-12	<a href="#">Change from Pay-as-You-Go to Monthly Subscription</a>



Renamed TencentDB for CynosDB	TencentDB for CynosDB was renamed TDSQL-C on December 24, 2020.	2020-12	<a href="#">Product Overview</a>
Launched the serverless service	TencentDB for CynosDB Serverless Edition adopts the serverless architecture for cloud native database services. It is billed based on the actual computing and storage resource usage, so you only need to pay for what you use while enjoying the cloud native technologies of Tencent Cloud.	2020-12	<a href="#">Serverless Service</a>

## July 2020

Update	Description	Release Date	Documentation
Added the read-only instance feature	TencentDB for CynosDB allows you to create one or more read-only instances in a cluster, which are suitable for read/write separation and one-write-multiple-read application scenarios and capable of greatly enhancing the read load capacity of your database cluster.	2020-07	<a href="#">Creating Read-Only Instance</a>
Supported data migration with DTS	TencentDB for CynosDB supports migrating data from MySQL 5.7 to CynosDB for MySQL through DTS.	2020-07	<a href="#">Migrating with DTS</a>

# Announcements

## [May 12, 2022] Ops Change

Last updated : 2022-07-26 19:56:01

The TencentDB team will perform grayscale upgrade on the backend system of all TDSQL-C for MySQL clusters in batches to improve the performance and stability. **During the upgrade, database access will not be affected, but a network jitter lasting only milliseconds may occur in extreme cases.** For more information on the involved regions, AZs, and upgrade time, see the following table:

Note :

The upgrade time is a period of time when all the clusters in a region are upgraded. The network jitters only once in each cluster.

Region	AZ	Upgrade Time	Impact
Shanghai	Shanghai Zone 2	May 12–21, 2022	A network jitter within milliseconds, which won't interrupt the access.
	Shanghai Zone 4		
	Shanghai Zone 5		
Nanjing	Nanjing Zone 1	May 20–26, 2022	
Silicon Valley	Silicon Valley Zone 2	May 30–June 8, 2022	
Hong Kong (China)	Hong Kong (China) Zone 2		
Frankfurt	Frankfurt Zone 2		
Taipei (China)	Taipei (China) Zone 1		
Singapore	Singapore Zone 3		
Virginia	Virginia Zone 1		
	Virginia Zone 2		

Region	AZ	Upgrade Time	Impact
Guangzhou	Guangzhou Zone 4	June 7-14, 2022	
	Guangzhou Zone 5		
	Guangzhou Zone 6		
	Guangzhou Zone 7		
Beijing	Beijing Zone 3	June 16-25, 2022	
	Beijing Zone 5		
	Beijing Zone 6		
	Beijing Zone 7		

We apologize for any inconvenience caused.

# Storage Price Adjustment Notification

Last updated : 2022-03-22 16:50:57

Dear Tencent Cloud users, we appreciate your support for TDSQL-C for MySQL and will adjust its **monthly subscribed storage price** as follows from March 22, 2022:

Region	Monthly subscribed storage price for TDSQL-C for MySQL	
	Old price	New price
Guangzhou, Shanghai, Beijing, Nanjing, Shenzhen	0.34235294 USD/GB/month	<ul style="list-style-type: none"><li>&lt;3000 GB: 0.20541177 USD/GB/month</li><li>≥3000 GB: 0.18829412 USD/GB/month</li></ul>
Hong Kong (China), Taipei (China), Singapore, Tokyo, Silicon Valley, Virginia, Frankfurt	0.37411765 USD/GB/month	<ul style="list-style-type: none"><li>&lt;3000 GB: 0.22447059 USD/GB/month</li><li>≥3000 GB: 0.20576471 USD/GB/month</li></ul>

Tencent Cloud is committed to providing users with high-quality and low-cost cloud resource services. In the future, we will adjust product prices in a timely and reasonable manner in response to cost changes.

Thank you for your support.