

# TencentDB for MySQL

## Release Notes and

## Announcements



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# Release Notes and Announcements

## Release Notes

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### September 2025

Update	Description	Release Date	Documentation
LibraDB kernel version update	The new kernel versions 3.2503.5.0 and 2.2410.12.0 were released for the analysis engine of TencentDB for MySQL, which supported many new kernel features, fixed system issues, and optimized the system.	2025-09-15	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
TXSQL kernel feature update	TencentDB for MySQL 5.7 kernel version was updated to 20250802.	2025-09-10	<a href="#">TXSQL Kernel Version Release Notes</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.4.5.	2025-09-08	<a href="#">Database Proxy Version Release Notes</a>

### August 2025

Update	Description	Release Date	Documentation
LibraDB kernel version update	The new kernel version 2.2410.11.1 was released for the analysis engine of TencentDB for MySQL, which supported many new kernel features and fixed and optimized system issues.	2025-08-28	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
TXSQL kernel feature update	TencentDB for MySQL 8.0 kernel version updated to 20241005.	2025-08-25	<a href="#">TXSQL Engine Kernel</a>

			<a href="#">Version Release Notes</a>
TXSQL kernel feature update	TencentDB for MySQL 5.7 kernel version updated to 20250730.	2025-08-25	<a href="#">TXSQL Engine Kernel Version Release Notes</a>
Support for database audit log shipping to COS	Database audit of TencentDB for MySQL supports shipping logs to Cloud Object Storage (COS). COS provides stable, durable, and low-cost storage services. Storing audit logs in COS can meet the need for long-term data storage.	2025-08-12	<a href="#">Log Shipping</a>
New regions supported by the analysis engine	The regions Virginia and São Paulo were supported for the analysis engine of TencentDB for MySQL.	2025-08-05	<a href="#">Regions and AZs</a>
LibraDB kernel version update	New kernel versions 3.2503.4.0 and 2.2410.10.1 were released for the analysis engine of TencentDB for MySQL, which supported many new kernel features and fixed and optimized system issues.	2025-08-05	<a href="#">LibraDB Engine Kernel Version Release Notes</a>

## July 2025

Update	Description	Release Date	Documentation
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.19.	2025-07-18	<a href="#">Database Proxy Version Release Notes</a>
LibraDB kernel version update	A new kernel version, 3.2503.1.0, was released for the read-only analysis engine of TencentDB for MySQL, which supported many new kernel features.	2025-07-01	<a href="#">LibraDB Engine Kernel Version</a>

[Release Notes](#)

## June 2025

Update	Description	Release Date	Reference
Database Audit optimization	<p>TencentDB for MySQL optimized database audit as follows.</p> <ul style="list-style-type: none"> <li>Optimized the interface display after log shipping to CKafka is configured successfully.</li> <li>Added PREPARE to the feature string of the parameter field "SQL Type" in the rule content when a rule template is created or modified.</li> <li>Fixed the issue that no audit record can be matched by entering a table name.</li> </ul>	2025-6-9	<a href="#">Enabling the Audit Service</a>
Update of the CPU elastic scale-out feature	<p>TencentDB for MySQL released a new version of the CPU elastic scale-out feature. It supports automatic and custom CPU scale-out to easily cope with burst load and ensure online business stability.</p> <ul style="list-style-type: none"> <li>The scale-out methods after the update include automatic scale-out and custom scale-out.</li> <li>Custom scale-out supports setting the scale-out time, which can be Now, By time period, or By cycle.</li> <li>When the scale-out time is set to By time period or By cycle, automatic scale-out can be enabled.</li> <li>The scale-out history can be queried.</li> </ul>	2025-6-5	<a href="#">Overview</a>

## May 2025

Update	Description	Release Date	Reference
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Database proxy version update	TencentDB for MySQL releases database proxy version 1.3.17.	2025-5-13	<a href="#">Database Proxy Version Release Notes</a>
LibraDB kernel version update	New kernel versions 1.2404.24.0 and 2.2410.6.0 are released for the read-only analysis engine of TencentDB for MySQL.	2025-5-6	<a href="#">LibraDB Engine Kernel Version Release Notes</a>

## April 2025

Update	Description	Release Date	Reference
Support for backup retention settings	TencentDB for MySQL supports backup retention settings to prevent accidental instance deletion from causing immediate backup termination. This ensures data traceability and recoverability.	2025-4-29	<a href="#">Backup Retention Settings</a>
Support for configuration adjustment on the read-only analysis engine	Read-only analysis engine instances of TencentDB for MySQL support adjusting the instance configuration.	2025-4-27	<a href="#">Configuration Adjustment</a>
Support for multi-node high availability on the read-only analysis engine	Read-only analysis engine instances of TencentDB for MySQL support multi-node high availability capabilities.	2025-4-27	<a href="#">Multi-node High Availability</a>
Support for alarm configuration on the read-only analysis engine	Read-only analysis engine instances of TencentDB for MySQL support alarm configuration capabilities.	2025-4-27	<a href="#">Monitoring and Alarms</a>

LibraDB kernel version update	New kernel versions 1.2404.23.0 and 2.2410.5.0 are released for the read-only analysis engine of TencentDB for MySQL.	2025-4-22	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
Database Audit optimization	<p>TencentDB for MySQL optimized database audit as follows.</p> <ul style="list-style-type: none"> <li>• Added generation progress display in the audit log file list.</li> <li>• Added the options of "All fields" and "Interaction with custom list fields (including field order and content)" when an audit log file was created.</li> <li>• Added PREPARE as an SQL type.</li> <li>• Optimized source IP display for SaaS operations (DTS, DBbrain, and DMC).</li> <li>• Optimized the display of error codes, transaction IDs, and table names.</li> <li>• Added version support descriptions for audit log fields.</li> <li>• Optimized the timeout logic for the fuzzy query and wildcard query scenarios.</li> </ul>	2025-4-9	<a href="#">Enabling the Audit Service</a>

## March 2025

Update	Description	Release Date	Reference
TXSQL kernel feature update	TencentDB for MySQL 5.7 kernel version updated to 20250330.	2025-03-27	<a href="#">TXSQL Engine Kernel Version Release Notes</a>
Release of two-node economical instances	TencentDB for MySQL supports two-node economical instances. The new architecture provides stable services to meet the business needs for computing and storage and reduce the use costs. Small and medium-sized enterprises and	2025-03-26	<a href="#">Economic Instance</a>

	individual developers can use database services that can better meet business needs.		
LibraDB kernel version update	TencentDB for MySQL released versions 1.2404.22.1 and 2.2410.4.1 with bugs fixed for the read-only analysis engine.	2025-03-25	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
LibraDB kernel version update	TencentDB for MySQL released versions 1.2404.22.0 and 2.2410.4.0 with bugs fixed for the read-only analysis engine.	2025-03-15	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.4.4.	2025-03-14	<a href="#">Database Proxy Kernel Release Notes</a>
Support for shipping database audit logs to CKafka	TencentDB for MySQL supports shipping database audit logs to TDMQ for CKafka. The database audit logs of instances can be collected and shipped to CKafka for real-time stream computing.	2025-03-12	<a href="#">Shipping Logs</a>
Support for shipping database audit logs to CLS	TencentDB for MySQL supports shipping database audit logs to Cloud Log Service (CLS). The database audit logs of instances can be collected and shipped to CLS for unified management and analysis.	2025-03-12	<a href="#">Shipping Logs</a>
Support for database audit by Cluster Edition	Instances of TencentDB for MySQL Cluster Edition support database audit. After the database audit is enabled, you can view audit logs, perform full audit and rule-based audit, search for audit logs, configure post-event alarms, and ship audit logs to CKafka and CLS.	2025-03-12	<a href="#">Overview</a>

TXRocks kernel feature update	TencentDB for MySQL 5.7 kernel version updated to 20240702.	2025-03-11	<a href="#">TXRocks Engine Kernel Version Release Notes</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.16.	2025-03-06	<a href="#">Database Proxy Kernel Release Notes</a>

## February 2025

Update	Description	Release Date	Reference
TXSQL kernel feature update	TencentDB for MySQL 8.0 kernel version updated to 20241001.	2025-02-18	<a href="#">TXSQL Engine Kernel Version Release Notes</a>
LibraDB kernel version update	TencentDB for MySQL released version 1.2404.21.0 with bugs fixed for the read-only analysis engine.	2025-02-12	<a href="#">LibraDB Engine Kernel Version Release Notes</a>
LibraDB kernel version update	TencentDB for MySQL released kernel version 2.2410.1.0 for the read-only analysis engine, which supported many new kernel features.	2025-02-05	<a href="#">LibraDB Engine Kernel Version Release Notes</a>

## January 2025

Update	Description	Release Date	Reference
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Beta testing of the read-only analysis engine started	The read-only analysis engine feature of TencentDB for MySQL is under beta testing. It significantly improves performance for complex SQL execution, big data processing, multi-table joins, and other business scenarios. It can be widely used in typical scenarios such as slow queries, batch data processing, and reconciliation queries.	2025-01-21	<a href="#">Overview</a>
TXSQL kernel feature update	TencentDB for MySQL 8.0 kernel version updated to 20240930.	2025-01-10	<a href="#">TXSQL Engine Kernel Version Release Notes</a>

## December 2024

Update	Description	Release Date	Documentation
TXSQL kernel feature update	TencentDB for MySQL 8.0 kernel version updated 20230704.	2024-12-31	<a href="#">TXSQL Kernel Updates</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.15.	2024-12-19	<a href="#">Database Proxy Version Updates</a>
TXSQL kernel feature update	TencentDB for MySQL 8.0 kernel version updated 20230703.	2024-12-18	<a href="#">TXSQL Kernel Updates</a>
TXRocks kernel feature update	TencentDB for MySQL 8.0 kernel version updated 20231030. <ul style="list-style-type: none"> <li>Added virtual bulk load function.</li> <li>Introduced the "LOCK TABLES FOR BACKUP" syntax.</li> </ul>	2024-12-03	<a href="#">TXRocks Kernel Release Notes</a>
TXRocks kernel feature update	TencentDB for MySQL 5.7 kernel version updated 20231030. <ul style="list-style-type: none"> <li>Added virtual bulk load function.</li> </ul>	2024-12-03	<a href="#">TXRocks Kernel Release Notes</a>

## November 2024

Update	Description	Release Date	Documentation
TXSQL kernel feature update	<p>TencentDB for MySQL 8.0 kernel version updated 20230702 to enhance database performance and stability:</p> <ul style="list-style-type: none"> <li>Reduced the overhead caused by frequent notifying of parallel query exchange operators.</li> <li>Fixed the abnormal issue of the instance crash caused by an instant DDL's modifying a column position.</li> </ul>	2024-11-12	<a href="#">TXSQL Kernel Updates</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.14.	2024-11-08	<a href="#">Database Proxy Version Updates</a>

## August 2024

Update	Description	Release Date	Documentation
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.13.	2024-08-26	<a href="#">Database Proxy Version Updates</a>
Database audit optimization	<p>TencentDB for MySQL was optimized for database audit as follows.</p> <ul style="list-style-type: none"> <li>Released a new version of rule auditing.</li> <li>The Execution Time field in audit logs was uniformly adjusted to microseconds in both the console and downloaded audit log files.</li> <li>Added the display unit of milliseconds to the Timestamp field in audit log files.</li> </ul> <p>Note: The earlier version of rule auditing provided on the Audit Rules and Audit Policies pages is about to be deprecated.</p>	2024-08-09	<ul style="list-style-type: none"> <li><a href="#">Activating Audit Services</a></li> <li><a href="#">Modifying Audit Rules</a></li> </ul>

	Make adjustments and configure the new version of rule auditing in a timely manner.		
TXSQL kernel feature updates	<p>Updated the kernel version 20240331 of TencentDB for MySQL 5.7 to improve database performance and stability:</p> <ul style="list-style-type: none"> <li>• Merged official 5.7.36, 5.7.37, 5.7.38, 5.7.39, 5.7.40, 5.7.41, 5.7.42, 5.7.43, and 5.7.44 changes.</li> <li>• Added the update returning feature.</li> <li>• Added a DDL progress display. During DDL operations, the show detail processlist command can be run to view it.</li> <li>• Added the default table encryption feature.</li> </ul>	2024-08-09	<a href="#">TXSQL Kernel Updates</a>
Support of one-click upgrade to cluster edition	TencentDB for MySQL supports a one-click upgrade from dual-node and three-node instances to cluster instances.	2024-08-01	<a href="#">One-click Upgrade to Cluster Edition</a>

## July 2024

Update	Description	Release Date	Documentation
TXSQL kernel feature updates	<p>Updated the kernel version 20230701 of TencentDB for MySQL 8.0 to improve database performance and stability:</p> <ul style="list-style-type: none"> <li>• Supports initiating TXSQL physical backup using the community version.</li> <li>• Replaced all keywords in the AWR feature with "TXSQL_AWR".</li> <li>• Fixed an issue where the background thread competing with RENAME on the dict cache could cause a failure to open the underlying table.</li> </ul>	2024-07-30	<a href="#">TXSQL Kernel Updates</a>

## June 2024

Update	Description	Release Date	Documentation
Support of cluster edition	The architecture of the TencentDB for MySQL cluster edition was fully released.	2024-06-28	<a href="#">Overview of MySQL Cluster Edition</a>
Product pricing page update	TencentDB for MySQL released a new version of the product pricing page, supporting the querying and exporting of prices for different types/architectures and fully covering price inquiry and quotation scenarios.	2024-06-26	<a href="#">Product Pricing Page</a>
Support of CAM authentication (passwordless account login)	TencentDB for MySQL supports enabling the CAM authentication (passwordless account login) feature for accounts, which helps you simplify the complexity of account permission management and enhance the security of the database and the efficiency of account management.	2024-06-24	<a href="#">Support of CAM Authentication (Passwordless Account Login)</a>
Database proxy version update	TencentDB for MySQL released database proxy version 1.3.12.	2024-06-14	<a href="#">Database Proxy Version Updates</a>

## May 2024

Product Name	Product Description	Release Time	Relevant Documentation
Database Audit Optimization	<p>TencentDB for MySQL has made the following optimizations for database auditing.</p> <ul style="list-style-type: none"> <li>Optimized the query time column in audit logs page, and added quick time query.</li> <li>Added fields "Table Name", "Transaction ID" in audit logs.</li> </ul>	May 16, 2024	<a href="#">View Audit Logs</a>

Support for Multiple Disaster Recovery	The primary instance of TencentDB for MySQL dual node and three-node architectures supports mounting multiple disaster recovery instances, helping to enhance business continuity service capability and data reliability.	May 15, 2024	<a href="#">Manage Disaster Recovery Instances</a>
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## April 2024

Product Name	Product Description	Release Time	Relevant Documentation
TXSQL Kernel Feature Updates	<p>TencentDB for MySQL 8.0 kernel version update 20230630, enhancing database performance and stability:</p> <ul style="list-style-type: none"> <li>• Supports Nonblocking DDL feature.</li> <li>• Supports xa commit to record the maximum gts instance TP/AP load statistics in relay log.</li> <li>• Supports selecting Innodb temporary tables for parallel query of worker thread sharing.</li> <li>• Supports using partition tables as parallel tables for parallel queries.</li> <li>• Supports the flashback version query feature.</li> <li>• Supports persistence for flashback query.</li> <li>• Supports virtual indexes.</li> <li>• Supports the range/list secondary partition feature.</li> <li>• Supports the automatic relay log recovery feature.</li> <li>• Supports the default algorithm for DDL, with options INPLACE/INSTANT.</li> <li>• Supports Fast Query Cache.</li> <li>• Supports the conversion of partition tables from MyISAM to InnoDB.</li> </ul>	April 23, 2024	<a href="#">TXSQL Kernel Updates</a>

## March 2024

Product Name	Product Description	Release Time	Relevant Documentation
Supports Cluster Edition	TencentDB for MySQL Cluster Edition is undergoing gray release, providing multiple specific capabilities of the Cluster Edition, including automatic failover, any standby node (read-only node) switched to a primary node (read-write node), standby node read-only, on-demand node addition or deletion, multi-AZ disaster recovery, node granularity monitoring, cluster node topology management, etc., to help users cope with complex business scenarios.	March 26, 2024	<a href="#">Overview of MySQL Cluster Edition</a>
TXSQL Kernel Feature Updates	TencentDB for MySQL 5.7 kernel version update 20230601, enhancing database performance and stability: <ul style="list-style-type: none"> <li>• Supports persistence for flashback query.</li> <li>• Supports drop table force, enabling drop innodb metadata.</li> <li>• Supports Parallel Copy DDL.</li> <li>• Supports limit in subquery.</li> <li>• Supports the conversion of partition tables from MyISAM to InnoDB.</li> </ul>	March 19, 2024	<a href="#">TXSQL Kernel Updates</a>

## February 2024

Product Name	Product Description	Release Time	Relevant Documentation
Supports remote CLS.	TencentDB for MySQL supports shipping slow logs and error logs to remote Cloud Log Service (CLS).	February 26, 2024	<a href="#">Log Shipping</a>

## November 2023

Product Name	Product Description	Release Time	Relevant Documenten
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Supports setting data validation sensitivity.	In the scenario where configuration adjustments on the TencentDB for MySQL primary instance trigger migration configuration change, a new capability to set data validation sensitivity is added, allowing for the control over the validation duration and its performance impact.	November 27, 2023	<a href="#">Adjust Instance Specification</a>

## October 2023

Product Name	Product Description	Release Time	Relevant Documentation
Support for Log Shipping	TencentDB for MySQL supports the shipping of slow logs and error logs, which achieves rapid monitoring and swift identification of business issues by collecting and shipping corresponding log data to CLS.	October 18, 2023	<a href="#">Log Shipping</a>
Supports upgrading from MySQL 5.7 to 8.0.	TencentDB for MySQL fully supports upgrading from MySQL 5.7 to 8.0. MySQL 8.0 achieves significant improvements and enhancements in both performance and features, especially in high concurrency and large data volume scenarios, providing stronger system performance and stability.	October 10, 2023	<a href="#">Upgrade from MySQL 5.7 to MySQL 8.0</a>
New Support for Single-node in Frankfurt	TencentDB for MySQL single node instance is now supported in the Frankfurt region, offering extremely high cost-performance ratio, with support for up to 30T of storage space.	October 10, 2023	<a href="#">Single Node</a>

## September 2023

Product Name	Product Description	Release Time	Relevant Documentation
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Database Audit Optimization	<p>TencentDB for MySQL has made the following optimizations for database auditing.</p> <ul style="list-style-type: none"> <li>• Supports binding multiple rule templates to an instance.</li> <li>• The relationship between rule templates and instances has been changed from "Initialization" to "Strong Binding", meaning that modifications to a rule template's content will immediately affect the audit rules applied to instances bound to that template.</li> <li>• Supports viewing the rule templates bound to each instance, the audit rules hit by each audit log, and the instances associated with each rule template.</li> <li>• Integrates with event bus and TCOP, and supports event alarms for high, medium, and low-risk levels.</li> </ul>	September 25, 2023	<ul style="list-style-type: none"> <li>• <a href="#">Activate Audit Service</a></li> <li>• <a href="#">Create New Rule Template</a></li> <li>• <a href="#">Configure Post-event Alarms</a></li> </ul>
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## August 2023

Update	Description	Release Date	Documentation
The database proxy supports the transaction-level connection pool.	The TencentDB for MySQL database proxy supports the transaction-level connection pool feature, which helps enhancing the database's concurrency performance and resource utilization rate, avoiding competition and conflict among multiple transactions, and improving the concurrency performance and reliability of transaction processing.	August 25, 2023	<a href="#">Connection Pool Overview</a>
Optimization of the Instance Details Page	The TencentDB for MySQL instance details page has been optimized to support viewing the health status and abnormal alarms of instances, and to enhance the display of instance configurations in terms of availability, performance, and security.	August 16, 2023	<a href="#">View Instance Health Status</a>

Optimized database audit	TencentDB for MySQL has optimized the database audit log page, supporting multi-mode search for SQL command details. Matching options include "contains, does not contain," "or, and," "segmentation, wildcard."	August 9, 2023	<a href="#">Viewing Audit Log</a>
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## July 2023

Update	Description	Release Date	Documentation
Supports Binlog Encryption	TencentDB for MySQL supports binlog encryption, enhancing data security and reliability.	2023-07-17	<a href="#">Backup Encryption</a>
Optimized database audit	TencentDB for MySQL has optimized the audit log page and added multiple search modes, such as fuzzy/exact/forward/reverse/simple/complex search. The units of the audit log fields <code>Execution Time</code> and <code>CPU Time</code> in the console and downloaded audit log files are all adjusted to microseconds.	2023-07-12	<a href="#">Viewing Audit Log</a>

## May 2023

Update	Description	Release Date	Documentation
Supports CPU Elastic Expansion	TencentDB for MySQL's elastic CPU expansion feature is now fully released, supporting manual CPU expansion and automatic performance scaling. This feature effectively alleviates the performance pressure caused by sudden requests, adapts to peak business traffic, and ensures the stability of online operations.	2023-06-25	<a href="#">Elastic CPU Expansion</a>
Launched a new version of database audit	The new audit service of TencentDB for MySQL is in beta test. It supports both full and rule-based audit. The service can protect your data from tampering and	2023-05-15	<a href="#">Enable Audit Service</a>

	ensure its integrity and reliability during collection, transfer, and storage.		
Supported creating a cross-AZ read-only group	TencentDB for MySQL supports creating read-only (RO) groups across AZs, which means that the RO group instance and the source instance can be deployed in different AZs. In this way, the disaster recovery capability can be enhanced.	2023-05-04	<a href="#">Managing Read-Only Instance RO Groups</a>

## March 2023

Update	Description	Release Date	Documentation
Launched a new purchase page	TencentDB for MySQL has released a new version of the purchase page, which supports fast import of configurations and faster filtering of specifications. This makes it easier for you to quickly adjust and purchase the specifications based on existing configurations.	2023-03-16	<a href="#">Purchase Method</a>

## February 2023

Update	Description	Release Date	Documentation
Supported setting the backup cycle by month	TencentDB for MySQL allows you to configure automatic backup by week or month.	2023-02-28	<a href="#">Configure Automatic Backup</a>
Supported transition-to-cold storage	TencentDB for MySQL allows you to configure transition-to-cold storage policies to transition the storage types of generated backup files and reduce the backup storage costs.	2023-02-14	<a href="#">Configure Transition-to-Cold Storage</a>

## December 2022

Update	Description	Release Date	Documentation
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Supported parallel query	TencentDB for MySQL supports parallel query, which schedules and leverages multiple compute resources to greatly shorten the response time of large queries.	2022-12-22	<a href="#">Parallel Query</a>
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## November 2022

Update	Description	Release Date	Documentation
Launched a new version of database proxy	TencentDB for MySQL has released a new version of database proxy that provides powerful features such as automatic read/write separation, transaction split, connection pool, and disconnection prevention. The new proxy also supports mounting read-only instances across AZs and enabling multiple database proxy access addresses to meet the requirements in different business scenarios.	2022-11-02	<a href="#">Database Proxy (New Version)</a>

## October 2022

Update	Description	Release Date	Documentation
Supported backup encryption	TencentDB for MySQL supports the backup encryption feature to help improve the data security. Combined with KMS to encrypt backup files, it helps prevent accidental backup leakage from causing security incidents.	2022-10-31	<a href="#">Backup Encryption</a>
Supported the single-node architecture	TencentDB for MySQL supports single-node instances of cloud disk edition, which offers a storage space of up to 30 TB and is extremely cost-effective and suitable for diversified scenarios such as testing, development, and learning.	2022-10-08	<a href="#">Single Node</a>

## September 2022

Update	Description	Release Date	Documentation
Supported parameter modification for read-only instances	TencentDB for MySQL supports modifying read-only instance parameters to meet the parameter configuration needs in different business scenarios.	2022-09-19	<a href="#">Configure Instance Parameters</a>
Supported cross-region backup	TencentDB for MySQL supports cross-region backup to ensure the high availability, security, and recoverability of data and implement various features, such as remote backup and restoration, remote disaster recovery, long-term data archive, and regulatory compliance.	2022-09-09	<a href="#">Cross-Region Backup</a>

## July 2022

Update	Description	Release Date	Documentation
Supported password complexity	TencentDB for MySQL allows you to set the password complexity to improve the strength of database access passwords and ensure the database security.	2022-07-20	<a href="#">Configure Password Complexity</a>

## June 2022

Update	Description	Release Date	Documentation
TencentDB for MySQL supported infrequent access storage	Tencent Cloud provides the infrequent access storage option for TencentDB for MySQL. You can select a suitable storage type based on your actual storage frequency to reduce audit costs.	2022-06-30	<a href="#">Database Audit Billing Overview</a>
Supported SSL encryption	TencentDB for MySQL supports SSL encryption to create encrypted data transfer channels and thus improve the	2022-06-27	<a href="#">Configure SSL Encryption</a>

security and integrity of communication data.

## April 2022

Update	Description	Release Date	Documentation
Supported intelligent parameter tuning	TencentDB for MySQL supports the intelligent parameter tuning feature to help you improve the database performance.	2022-04-25	<a href="#">Intelligent Parameter Tuning</a>
Supported the TXRocks engine	TencentDB for MySQL supports the TXRocks transactional storage engine, which has a performance comparable to that of InnoDB but requires a much smaller storage space. It is suitable for businesses with a large data volume and high requirements for the transactional read/write performance.	2022-04-18	<a href="#">TXRocks Overview</a>
Supported archive backup	You can use the archive backup feature to back up data by scheduling two cycles, which reduces the costs compared with a single-cycle backup policy.	2022-04-02	<a href="#">Backup Database</a>

## February 2022

Update	Description	Release Date	Documentation
Supported connection pool for the database proxy	TencentDB for MySQL's database proxy supports the session-level connection pool feature. It can effectively solve the problem of excessively high database instance loads caused by frequent establishments of new non-persistent connections.	2022-02	<a href="#">Connection Pool Overview</a>

Optimized and updated the database proxy feature	TencentDB for MySQL's database proxy feature is optimized and updated. It can now support the upgrade of proxy kernel minor version, network switch, and reconfigurations, which delivers a higher convenience and performance.	2022-02	<ul style="list-style-type: none"> <li>• <a href="#">Upgrading Kernel Minor Version of Database Proxy</a></li> <li>• <a href="#">Switching Database Proxy Network</a></li> <li>• <a href="#">Adjusting Database Proxy Configuration</a></li> </ul>
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## December 2021

Update	Description	Release Date	Documentation
Optimized RO group delay settings	RO delay configuration in TencentDB for MySQL is moved from instance configuration to RO group configuration, so that delay and removal policies configured in the same RO group will not conflict with each other. Moreover, read-only instance delay management is simplified. When an RO group is used to unify IP access, no inconsistency between the accessed and expected data will occur due to a delayed read-only instance.	2021-12	<a href="#">Managing Read-Only Instance Replication Delay</a>

Supported AZ migration	The AZ migration feature is launched for TencentDB for MySQL. It can implement nearby access and resource expansion for your business and better utilize resources in different AZs in the same region.	2021-12	<a href="#">Migrate to New AZ</a>
Parameter Template and Instance Purchase Process Optimization	TencentDB for MySQL optimizes parameter-related features and instance delivery process, including creating and applying parameter templates, comparing parameters, modifying modifiable parameters, and purchasing instances.	2021-12	<a href="#">Parameter Template and New Instance Optimization</a>

## August 2021

Update	Description	Release Date	Documentation
Displayed project group information in bills in MySQL audit	Exported bills display the project group information of database instances for you to categorize bills and collect statistics by project group.	2021-08	<a href="#">Bill</a>
Displayed the instance name in MySQL audit	The original <b>Instance ID</b> column in the instance list is changed to <b>Instance ID/Name</b> to add the instance name for locating instances more quickly.	2021-08	–
Supported seven days as the log retention period in MySQL audit	When audit is newly enabled, you can set the log retention period to seven days. This is suitable for scenarios where you want to observe execution conditions and analyze discovered database problems for a short time. For instances with audit already enabled, you can also change the log retention period to seven days.	2021-08	<a href="#">Change Log Retention Period</a>
Optimized search in MySQL audit	Fuzzy search is supported, multiple SQL types can be used together for filtering, and the 24-hour limit on the search time period is removed.	2021-08	<a href="#">Viewing Audit Log</a>

## July 2021

Update	Description	Release Date	Documentation
QuickChange is supported	TencentDB for MySQL now supports QuickChange. If the physical machine where the instance is deployed has sufficient resources (aka local resources), you can adjust instance configuration in the QuickChange mode without migrating data. As it takes less time for preparation, the overall adjustment process becomes faster.	2021-07	<a href="#">Adjust Database Instance Specifications</a>

## April 2021

Update	Description	Release Date	Documentation
Supported database proxy	Database proxy is a network proxy service between the TencentDB service and the application service. It is used to proxy all requests when the application service accesses the database. The database proxy access address is independent of the original database access address. Requests proxied at the proxy address are all relayed through the proxy cluster to access the source and replica nodes of the database. Read/Write separation is implemented, so that read requests are forwarded to read-only instances, which lowers the load of the source database.	2021-04	<a href="#">Database Proxy</a>
Binlogs take up the disk space	As the speed of writing to binlog affects database performance, TencentDB for MySQL now migrates the binlog files to high-performance SSDs (i.e., instance disk space) in order to improve database performance and stability.	2021-04	<a href="#">Explanation of binlog usage space included in total disk usage</a>

Local binlog retention period can be customized	You can now customize the retention period of local binlog files in the TencentDB for MySQL console.	2021-04	<a href="#">Configure Local Binlog Retention</a>
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## March 2021

Update	Description	Release Date	Documentation
Instance architectures have been renamed	TencentDB for MySQL now supports three types of architectures including single-node (formerly Basic Edition), two-node (formerly High-Availability Edition), and three-node (formerly Finance Edition), and three resource isolation policies including basic, general, and dedicated policies. Renaming won't change any features of these architectures.	2021-03	<a href="#">Architecture Overview Isolation strategy</a>
Read-only instances support exclusive private network addresses	You can now configure a custom and exclusive private network address (IP and port) for a read-only instance.	2021-03	<a href="#">Create Read-Only Instance</a>

## December 2020

Update	Description	Release Date	Documentation
Supported delayed replication for read-only instances	TencentDB for MySQL allows you to set delayed replication for read-only instances and enable/disable replication. You can set delayed replication (i.e., delay between a read-only instance and its source instance) and select to replay by flashbacked position or global transaction identifier (GTID) during the	2020-12	<a href="#">Managing Read-Only Instance Replication Delay</a>

delay to efficiently roll back data and fix failures.

## November 2020

Update	Description	Release Date	Documentation
Instances can be cloned	You can now restore a TencentDB for MySQL instance to any point in time within the log backup retention period or from a specific physical backup set by cloning.	2020-11	<a href="#">Instance Clone</a>

## October 2020

Update	Description	Release Date	Documentation
The purchase page is optimized	You can now specify alarm policies, parameter templates, and bind an instance with security groups of other projects on the purchase page.	2020-10	<a href="#">Create a Tencent DB for MySQL instance</a>
TDE is supported for MySQL v8.0	TencentDB for MySQL v8.0 now supports Transparent Data Encryption (TDE).	2020-10	<a href="#">Enable Transparent Data Encryption</a>

## August 2020

Update	Description	Release Date	Documentation
Supported MySQL 8.0	TencentDB for MySQL v8.0 is now supported. Combined with a complete set of management services and the TXSQL kernel, TencentDB for MySQL provides an enterprise-grade database service that is more stable and quicker to deploy. It applies to various use cases and helps you upgrade your business.	2020-08	<a href="#">Database Versions</a>

## July 2020

Update	Description	Release Date	Documentation
Parameter templates can be applied to instances	TencentDB for MySQL supports modifying parameters of multiple instances at the same time through parameter templates. You can perform a parameter modification task during the custom time window, or cancel it.	2020-07	<a href="#">Configure Instance Parameters Applying Parameter Templates</a>
Transparent Data Encryption (TDE) is supported	TencentDB for MySQL supports the transparent data encryption (TDE) feature. Transparent encryption means that the data encryption and decryption are imperceptible to users. TDE supports real-time I/O encryption and decryption of data files. It encrypts data before the data is written to disk, and decrypts data when the data is read into memory from disk, which meets the compliance requirements of static data encryption.	2020-07	<a href="#">Enable Transparent Data Encryption</a>
Supported MySQL database audit	Tencent Cloud provides database audit capabilities for TencentDB for MySQL, which can record accesses to databases and executions of SQL statements to help you manage risks and improve the database security.	2020-07	<a href="#">Enable Database Audit</a>

## June 2020

Update	Description	Release Date	Documentation
Manual kernel minor version upgrade is supported	TencentDB for MySQL supports manual kernel minor version upgrade. The upgrade can add new features, improve the performance, and fix issues.	2020-06	<a href="#">Upgrade Kernel Minor Version</a>

## April 2020

Update	Description	Release Date	Documentation
One-source-two-replica High-Availability Edition is renamed as Finance Edition	The Finance Edition adopts a one-source-two-replica architecture (three nodes in total) and supports strong sync replication. It guarantees strong data consistency through real-time hot backup to provide finance-grade reliability and high availability.	2020-04	<a href="#">Database Architecture</a>
Repossession time for the old IP address can be customized	The repossession time of the old IP address can be customized between 0 and 168 hours when the network is switched. If the repossession time is set to 0 hours, the old IP address will be reposessed immediately after the network switch.	2020-04	<a href="#">Switch Network</a>

## January 2020

Update	Description	Release Date	Documentation
TencentDB for DBbrain is supported	TencentDB for DBbrain (DBbrain) is an intelligent database diagnosis and optimization product. It provides real-time database protection, locates causes of and offers solutions to database exceptions, and helps with exception prevention at the source.	2020-01	<a href="#">Tencent DB for DBbrain</a>
Slow log and error log details can now be queried	TencentDB for MySQL instances (excluding the Basic Edition) now provide an operation log management feature. You can view the slow log details, error log details, rollback logs of an instance and download slow logs on the operation logs page in the console.	2020-01	<a href="#">Operation Log</a>

## December 2019

Update	Description	Release Date	Documentation
MySQL backup space is now a paid service	TencentDB for MySQL will start charging for the usage of instance backup space exceeding the free tier. Improvements will be made for data compression, backup stability and availability. You can shorten retention periods and lower backup frequencies to reduce your backup capacity costs.	2019-12	<a href="#">Backup Space Billing</a>

## November 2019

Update	Description	Release Date	Documentation
Event alarming is now supported	By subscribing to events such as OOM, source-replica switch, read-only instance removal, and instance migration caused by server failure, you can now stay on top of your instance statuses.	2019-11	<a href="#">Alarm Feature</a>

## September 2019

Update	Description	Release Date	Documentation
Database backup page is available	We have released the TencentDB for MySQL database backup page. It is divided into two sections: overview and backup list. Backup trends and statistics can be viewed in the overview tab. Backup data details and log backups can be found in the backup list.	2019-09	<a href="#">View Backup Space</a>

## May 2019

Update	Description	Release Date	Documentation
Automatic backups are fully upgraded	TencentDB for MySQL now only supports physical automatic backups. Existing logical automatic backups will be	2019-05	<a href="#">Backup Method</a>

to physical backup	switched to the physical type automatically. If you need logical backups, you can use the manual backup feature in the TencentDB for MySQL console or call APIs.		
Nanjing Zone 1 is now available	TencentDB for MySQL is now available in Nanjing Zone 1. With this new AZ, TencentDB for MySQL is now available in two regions in East China: Shanghai and Nanjing.	2019-05	<a href="#">Regions and Availability Zones</a>

## March 2019

Update	Description	Release Date	Documentation
Switching between VPCs is now supported	Switching from VPCs is now supported. A single TencentDB instance can now be switched from VPC A to VPC B.	2019-03	<a href="#">Switch Network</a>

## February 2019

Update	Description	Release Date	Documentation
One-click connectivity check is now supported	A one-click connectivity check is now provided in the console to help you quickly locate internal and external connectivity problems and offer corresponding solutions.	2019-02	<a href="#">One-Click Connection Check Tool</a>

## June 2018

Update	Description	Release Date	Documentation
Database audit is supported	Database audit can record the actions of TencentDB in real time. It carries out fine-grained audit on database operations, records and alerts such risky database behaviors as SQL injection and abnormal operation.	2018-06	<a href="#">Database Audit</a>

Basic Edition instances are now purchasable	TencentDB for MySQL Basic Edition adopts a single-node deployment method with computation-storage separation. If a computing node fails, the system can switch to a healthy one for quick recovery. Premium cloud disks are used as the underlying storage media of the Basic Edition, which feature high quality, cost-effectiveness, stability, and performance, making them suitable for 90% of I/O scenarios.	2018-06	<a href="#">Database Architecture</a>
Network switching is now supported	Switching between the basic network and VPC and between subnets in the same VPC is now supported.	2018-06	<a href="#">Switch Network</a>
Self-service connectivity check is now supported	You can now quickly check the connectivity status of your databases.	2018-06	<a href="#">One-Click Connection Check Tool</a>
Supported 5-day self-service return and refund	TencentDB for MySQL allows you to return one monthly subscribed instance unconditionally within five (inclusive) days after purchase under each account.	2018-06	<a href="#">Refund Policy</a>
Downgrading and refunding are now supported	You can now downgrade your database configuration and be refunded accordingly.	2018-06	<a href="#">Instance Fee Adjustment Details</a>
MySQL 5.7 data migration is now supported	DTS now supports migrating MySQL 5.7.	2018-06	<a href="#">MySQL Data Online Import</a>
Renamed the product	CDB for MySQL is renamed TencentDB for MySQL.	2018-06	<a href="#">Tencent DB for MySQL</a>

## August 2017

Update	Description	Release Date	Documentation
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Read-only instances support elastic specifications	A read-only instance can now adopt a different specification from that of its source instance.	2017-08	<a href="#">Read-only instance</a>
Monitoring at a 1-minute granularity is now supported	Monitoring can now be performed at a 1-minute granularity.	2017-08	<a href="#">Monitoring features</a>
Physical backup is now supported	Data can now be stored through physical backups.	2017-08	<a href="#">Backup Method</a>
Manual backup is now supported	You can now customize the backup time and retention period (up to 732 days)	2017-08	<a href="#">Backup Method</a>
Supports security groups	A security group is a stateful virtual firewall capable of filtering. As an important means for network security isolation provided by Tencent Cloud, it can be used to set network access controls for one or more TencentDB instances.	2017-08	<a href="#">Database Security Groups</a>
Supported data subscription	DTS can now help you get incrementally updated data in TencentDB in real time, so that you can consume incremental data based on your business needs.	2017-08	<a href="#">Data Subscription</a>
Data migration between TencentDB instances is now supported	DTS is now compatible with more types of network environments.	2017-08	<a href="#">MySQL Data Online Import</a>
Data Management Center (DMC) is available	DMC supports real-time monitoring and management of instance sessions.	2017-08	<a href="#">DMC</a>

## June 2017

Update	Description	Release Date	Documentation
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MySQL 5.7 is now supported	MySQL 5.7 (Percona server) is now supported as well as MySQL 5.6 kernel. Native capabilities such as horizontal scaling and read/write separation are also supported.	2017-06	<a href="#">Database Version</a>
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## March 2016

Update	Description	Release Date	Documentation
Read-only instance feature is available	TencentDB for MySQL allows you to create one or more read-only instances, which is suitable for read/write separation and one-source-multiple-replica application scenarios and capable of greatly enhancing the read load capacity of your database.	2016-03	<a href="#">Read-only instance</a>
Pay-as-You-Go instances are now supported	Database services can now be billed by hour.	2016-03	<a href="#">Billing Overview</a>

# Product Announcements

Last updated: 2026-03-25 17:59:50

Pay attention to the following announcements released for TencentDB for MySQL. For more announcements, see [Service Announcements](#).

## 2026

Announcement Title	Release Date
<a href="#">Announcement Regarding the Renaming of "Database Audit" to "SQL Insight (Database Audit)"</a>	2026-03-25

## 2025

Announcement Title	Release Date
<a href="#">Announcement on Service Suspension of Slow Log Download Feature in Japan Region</a>	2025-11-28
<a href="#">Announcement on the Update of Default Values for Instance Creation Related APIs</a>	2025-11-20
<a href="#">Announcement on the DescribeTasks API Authentication Level Optimization</a>	2025-08-15
<a href="#">Announcement on the Integration of CAM Authentication for Some APIs</a>	2025-07-02
<a href="#">Announcement on the Update of the TencentDB for MySQL Service Level Agreement (SLA)</a>	2025-06-26
<a href="#">Announcement on the Slow Log Architecture Upgrade</a>	2025-04-28
<a href="#">Announcement on the Public Network Service Upgrade</a>	2025-04-10

## 2024

Announcement Title	Release Date
<a href="#">Announcement on the Rule-based Audit Feature of Database Audit</a>	2024-08-08
<a href="#">Announcement on the Integration of CAM Authentication with</a>	2024-07-10

<a href="#">Partial APIs</a>	
<a href="#">Announcement on the Integration of CAM Authentication with Partial APIs</a>	2024-06-21
<a href="#">Announcement on the Removal of Partial Event Alarm Metrics</a>	2024-06-06
<a href="#">Announcement on the Commercial Billing of Database Proxy</a>	2024-02-18

## 2023

Announcement Title	Release Date
<a href="#">Announcement on the Database Audit Feature Update</a>	2023-09-25
<a href="#">Announcement on the Addition of API Authentication for Database Audit</a>	2023-09-14
<a href="#">Announcement on the Audit Service Update of TencentDB for MySQL</a>	2023-07-13
<a href="#">Announcement on the Service Level Agreement Update for TencentDB for MySQL</a>	2023-06-02
<a href="#">Announcement on the Addition of Authentication APIs</a>	2023-07-14
<a href="#">Announcement on the API Authentication Upgrade for Database Audit</a>	2023-04-25
<a href="#">Announcement on the API Authentication Upgrade</a>	2023-09-14
<a href="#">Unavailability of the TencentDB for MySQL API Service</a>	2023-02-21
<a href="#">Monitoring Module Upgrade in the Shanghai Region</a>	2023-02-21

## 2022

Announcement Title	Release Date
<a href="#">Announcement on Monitoring Metric Correction</a>	2022-12-09
<a href="#">Change of APIs for Querying Saleable Database Specifications</a>	2022-10-09
<a href="#">Replacement of Partial API Services for the Original Database Proxy in TencentDB for MySQL</a>	2022-11-17
<a href="#">Announcement on Network Architecture Upgrade</a>	2022-11-09

<a href="#">Addition of Advanced Monitoring Metrics</a>	2022-07-01
<a href="#">Database Audit Resource ID Changes</a>	2022-06-15
<a href="#">Change in the Calculation Formula for Monitoring Metric Memory Utilization</a>	2022-05-20
<a href="#">Monitoring Module Upgrade and Optimization in Guangzhou and Shanghai Regions</a>	2022-05-07
<a href="#">Monitoring Module Upgrade</a>	2022-03-18

## 2021

Announcement Title	Release Date
<a href="#">Parameter Template and Newly Purchased Instance Optimization</a>	2021-12-08
<a href="#">Description of Inclusion of Binlog Usage Space in Total Disk Usage Space</a>	2021-03-30