

# **TencentDB for SQL Server**

## **Release Notes and Announcements**

### **Product Documentation**



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# Release Notes and Announcements

## Release Notes

Last updated : 2022-08-10 16:00:04

### July 2022

Update	Description	Release Date	Documentation
Supported cross-region backup	TencentDB for SQL Server 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.	2022-07-20	-

### June 2022

Update	Description	Release Date	Documentation
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Update	Description	Release Date	Documentation
Optimized the console and features	<p>The TencentDB for SQL Server team makes the following optimizations in the product feature and console UI to further improve the user experience.</p> <ul style="list-style-type: none"> <li>Manual backups in the specified time range can be batch deleted.</li> <li>The backup name can contain up to 128 characters.</li> <li>The visual display of the backup space trend chart is optimized in the console.</li> <li>You can search for slow query files in the specified time range.</li> <li>On the purchase page, VPC, subnet, and project lists support exact and fuzzy searches.</li> <li>The display order of system monitoring metrics is adjusted in the console.</li> <li>The logic to set the instance maintenance cycle is optimized. You need to select at least one maintenance cycle to guarantee the database Ops security.</li> <li>A quick redirect link is added to the VPC console to quickly query the TencentDB for SQL Server instances bound to VPCs.</li> </ul>	2022-06-22	-
Released the SSIS feature	<p>TencentDB for SQL Server business intelligence server is released, which supports SQL Server Integration Services (SSIS). SSIS can be used to sustain complex business scenarios, such as merging data from heterogeneous data stores, cleansing and standardizing data, populating data warehouses and datasets, transforming data for complex business logic, supporting management features, and automating data loading. It helps meet your diversified needs in various use cases, including BI analysis, high-value data mining, and primary data management system setup.</p>	2022-06-10	<a href="#">Overview</a>

## May 2022

Update	Description	Release Date	Documentation
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Update	Description	Release Date	Documentation
Supported data migration over CCN	When you use DTS to migrate data to TencentDB for SQL Server, the source database can interconnect with the VPC over CCN.	2022-05-30	<a href="#">Migrating Data with DTS</a>
Supported Korean character sets	You can select a Korean character set during TencentDB for SQL Server instance creation.	2022-05-30	<a href="#">Creating Database</a>
Release new documents	Documents such as FAQs, Constraints and Limits, Usage Specifications and Suggestions are added to help you better use TencentDB for SQL Server.	2022-05-27	<ul style="list-style-type: none"> <li>• <a href="#">FAQs</a></li> <li>• <a href="#">Constraints and Limits</a></li> <li>• <a href="#">Usage Specifications and Suggestions</a></li> </ul>

## March 2022

Update	Description	Release Date	Documentation
Supported concurrently executing multiple tasks at the database level	TencentDB for SQL Server allows you to execute up to five concurrent tasks, including backup, restoration, account authorization, database deletion, and renaming, in different databases in the same instance under the same account.	2022-03-14	-

## February 2022

Update	Description	Release Date	Documentation
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Released the commercial edition of the backup feature	The commercial edition of the backup feature of TencentDB for SQL Server is released, which supports customizing the automatic backup policy. Data backup supports custom retention period and cycle, and log backup supports view and download. The backup statistics overview of all instances is added. You can quickly view the backup space statistics and trends of all instances in each region under your account, free tier usage, as well as the real-time backup space statistics of each instance.	2022-02-15	<ul style="list-style-type: none"> <li>• <a href="#">Viewing Backup List</a></li> <li>• <a href="#">Viewing Backup Space</a></li> <li>• <a href="#">Backup Space Billing</a></li> </ul>
Optimized the system monitoring feature	The system monitoring page in the TencentDB for SQL Server console is optimized to support full-screen data display, time comparison, monitoring granularity configuration, and data export.	2022-02-11	<a href="#">Viewing Monitoring Chart</a>

## January 2022

Update	Description	Release Date	Documentation
Supported SSD cloud disks on Basic Edition	You can use SSD cloud disks on TencentDB for SQL Server Basic Edition with a specification of up to 24-core 96 GB MEM.	2022-01-20	<a href="#">Performance Test Report</a>
Supported setting instance remarks	TencentDB for SQL Server allows you to edit instance remarks in the console for easier instance identification and management.	2022-01-17	<a href="#">Setting Instance Remarks</a>
Supported switching from classic network to VPC	TencentDB for SQL Server allows you to switch from the classic network to VPC in the console for easier network management based on your business requirements.	2022-01-14	<a href="#">Switching from Classic Network to VPC</a>
Supported specifying IP for VPC	TencentDB for SQL Server allows you to change the instance network in the console. You can change from VPC A to VPC B in another AZ in the same region and specify the subnet IP.	2022-01-14	<a href="#">Changing Network (from VPC to VPC)</a>

## December 2021

Update	Description	Release Date	Documentation
Supported self-service configuration adjustment	TencentDB for SQL Server supports self-service instance configuration adjustment in the console, including architecture/version upgrade and CPU/memory/disk scaling. It offers multiple adjustment modes, such as concurrent scaling and differentiated scaling, and displays reminders for the adjustment impact in different scenarios.	2021-12	<a href="#">Overview</a>

## November 2021

Update	Description	Release Date	Documentation
Launched the updated data migration feature (new)	The updated data migration feature (new) is launched, and the old data migration feature has been disused and will be deactivated on March 1, 2022. The new feature has more data migration capabilities.	2021-11	<a href="#">Migration from SQL Server to TencentDB for SQL Server</a>
Launched the service in Chongqing region	TencentDB for SQL Server is now available in Chongqing Zone 1.	2021-11	<a href="#">Regions and AZs</a>

## October 2021

Update	Description	Release Date	Documentation
Supported cross-AZ migration	You can now migrate an instance to another AZ in the same region. All attributes and configurations (including the private network address and the subnet) of the instance remain unchanged after migration.	2021-10	<a href="#">Migrating Across AZs</a>



## September 2021

Update	Description	Release Date	Documentation
Updated the performance test report	TencentDB for SQL Server has been comprehensively upgraded with the new ultra-high specification of 90 cores, 720 GB MEM, and 4.5 million TPM. Both performance and cost performance have been improved by more than 30% once again, breaking Tencent Cloud's own performance record in the industry. Besides, the performance test report now covers the high availability edition and basic edition instances.	2021-09	<a href="#">Performance Test Report</a>
Supported unarchived backup files upload to COS	By default, backup files (i.e., .bak files) will be archived into a .tar file and then uploaded to COS. If you select "Unarchived files" here, the .bak file of each database in the instance will be directly uploaded to COS without being archived, which means that you can now download the backup file of a single database.	2021-09	<a href="#">Creating and Viewing Backup Task</a>
Supported backup on the replica node	You can now back up data at the replica node of a cluster edition 2017/2019 instance.	2021-09	<a href="#">Creating and Viewing Backup Task</a>
Launched the service in Bangkok region	TencentDB for SQL Server is now available in Bangkok Zones 1 and 2.	2021-09	<a href="#">Regions and AZs</a>
Launched the service in Singapore region	TencentDB for SQL Server is now available in Singapore Zone 2.	2021-09	<a href="#">Regions and AZs</a>
Launched the service in Jakarta region	TencentDB for SQL Server is now available in Jakarta Zone 2.	2021-09	<a href="#">Regions and AZs</a>

## August 2021

Update	Description	Release Date	Documentation
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Update	Description	Release Date	Documentation
Launched the service in Beijing Zone 6	TencentDB for SQL Server is now available in Beijing Zone 6.	2021-08	<a href="#">Regions and AZs</a>
Launched the service in Guangzhou Zone 7	TencentDB for SQL Server is now available in Guangzhou Zone 7.	2021-08	<a href="#">Regions and AZs</a>

## July 2021

Update	Description	Release Date	Documentation
Supported configuring change data capture (CDC)	You can configure CDC in the console on your own. CDC records the information of all changes in a table and the median values of changed data entries, which help you better track table changes.	2021-07	<a href="#">Setting Change Data Capture (CDC)</a>
Supported configuring change tracking (CT)	You can configure CT in the console on your own. CT records modifications of table rows and allows you to directly get the latest data from the track table.	2021-07	<a href="#">Setting Change Tracking (CT)</a>
Supported configuring database shrinking	You can directly shrink database in the console to avoid space waste.	2021-07	<a href="#">Shrinking Database</a>
Supported configuring parameters in the console	You can view and directly modify parameters in the console and view parameter modification logs, which make parameter modification easier.	2021-07	<a href="#">Setting Instance Parameters</a>
Launched 11 new system and instance monitoring metrics	Four memory and lock performance counter monitoring metrics and seven physical machine system monitoring metrics are added for enterprise-grade users to comprehensively monitor database performance.	2021-07	<a href="#">Monitoring</a>

## June 2021

Update	Description	Release Date	Documentation
Launched high-specification instances	Dual-Server High Availability Edition, Cluster Edition, and read-only instances are now available in 64-core 512 GB MEM and 90-core 720 GB MEM specifications, meeting the needs of enterprise users.	2021-06	-
Launched the service in Tokyo Zone 2	TencentDB for SQL Server is now available in Tokyo Zone 2.	2021-06	<a href="#">Regions and AZs</a>

## May 2021

Update	Description	Release Date	Documentation
Launched TencentDB for SQL Server 2019	TencentDB for SQL Server 2019 is officially launched and supports Basic, High Availability, and Cluster Edition instances, which have great improvements in performance, ease of use, high availability, and security.	2021-05	-
Launched the service in Beijing Zone 7	TencentDB for SQL Server is now available in Beijing Zone 7.	2021-05	<a href="#">Regions and AZs</a>

## December 2020

Update	Description	Release Date	Documentation
Supported self-service version and architecture upgrade	You can upgrade the version and architecture and scale instances in the console in a self-service manner to easily adjust instances based on your business needs.	2020-12	<a href="#">Overview</a>

## November 2020

Update	Description	Release Date	Documentation
Supported the use of tags	TencentDB for SQL Server supports using tags. You can use tags to mark different resource usages, users, and business scenarios under your account.	2020-11	-
Launched the service in Chengdu region	TencentDB for SQL Server is now available in Chengdu region.	2020-11	<a href="#">Regions and AZs</a>

## October 2020

Update	Description	Release Date	Documentation
Supported migration with DTS and optimized cold backup migration	DTS supports data migration from self-built SQL Server databases in IDCs, clouds, and other cloud vendors to TencentDB for SQL Server as well as data migration between TencentDB for SQL Server instances. Cold backup migration restores data from .bak files, which is applicable to data migration from SQL Server databases in other cloud vendors and self-built SQL Server databases to TencentDB for SQL Server. Multiple migration methods deliver an easier and more user-friendly data migration experience.	2020-10	<ul style="list-style-type: none"> <li><a href="#">Cold Backup Migration</a></li> <li><a href="#">Migrating Data with DTS</a></li> </ul>

## July 2020

Update	Description	Release Date	Documentation
Launched TencentDB for SQL Server Basic (Standalone) Edition	TencentDB for SQL Server Basic Edition is launched, which supports cloud `sysadmin` permissions. It provides a complete set of genuinely licensed database solutions with high availability, security, and performance and light Ops.	2020-07	<a href="#">Architecture</a>

## March 2020

Update	Description	Release Date	Documentation
Supported admin accounts	TencentDB for SQL Server supports admin permissions. An admin has read/write permissions for all databases on the instance and thread management permissions and can automatically discover new databases and get their read/write permissions.	2020-03	-

## January 2020

Update	Description	Release Date	Documentation
Supported Always On clusters	TencentDB for SQL Server 2017 Enterprise Edition instances supports adding read-only instances. The underlying Always On architecture implements the control of cluster capabilities, such as automated data replication, traffic load balancing of read-only instances, and primary/replica switch of primary instances.	2020-01	<a href="#">Architecture</a>

## December 2019

Update	Description	Release Date	Documentation
Supported setting device maintenance time	TencentDB for SQL Server supports setting the maintenance time. To ensure the stability of your TencentDB instance, the backend system performs maintenance operations on the instance during the maintenance time at irregular intervals.	2019-12	<a href="#">Setting Instance Maintenance Information</a>

## October 2019

Update	Description	Release Date	Documentation
Supported configuring security groups	A <a href="#">security group</a> is a stateful virtual firewall capable of filtering. As an important means for network security isolation, it can be used to set network access controls for one or more TencentDB instances.	2019-10	<a href="#">Configuring Security Group</a>
Supported recycle bin	After a pay-as-you-go instance expires or is manually terminated, it can be automatically put in the recycle bin for retention.	2019-10	-

## September 2019

Update	Description	Release Date	Documentation
Supported creating databases with multiple character sets available in the console	TencentDB for SQL Server supports multiple SQL Server character sets provided by Microsoft in the console for your choice when creating databases.	2019-09	<a href="#">Creating Database</a>

## July 2019

Update	Description	Release Date	Documentation
Launched the service in Seoul region	TencentDB for SQL Server is now available in Seoul region.	2019-07	<a href="#">Regions and AZs</a>

## June 2019

Update	Description	Release Date	Documentation
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Update	Description	Release Date	Documentation
Supported pay-as-you-go billing mode	TencentDB for SQL Server supports the pay-as-you-go billing mode. You can select a billing mode based on your business needs.	2019-06	<a href="#">Billing Overview</a>

## May 2019

Update	Description	Release Date	Documentation
Supported instance configuration upgrade	The database instance specification can be upgraded, and the capacity can be expanded.	2019-05	<a href="#">Overview</a>

## September 2017

Update	Description	Release Date	Documentation
Launched SQL Server 2016	TencentDB for SQL Server is now available on SQL Server 2016.	2017-09	-

## December 2016

Update	Description	Release Date	Documentation
Supported read-only mode for replica servers	TencentDB for SQL Server supports read-only mode for replica servers. You can select memory and disks as needed to tailor the database specification for your actual business. The read-only mode is implemented through snapshots, facilitating online data analysis. It doesn't increase the costs, affect the primary database performance, or compromise high availability.	2016-12	-

## May 2016

Update	Description	Release Date	Documentation
Supported SQL Server 2012 Enterprise Edition	TencentDB for SQL Server is now available on SQL Server 2012 Enterprise Edition, which is compatible with all features of SQL Server 2008.	2016-05	-

## December 2015

Update	Description	Release Date	Documentation
Launched TencentDB for SQL Server officially	TencentDB for SQL Server is officially launched and provides various features such as instance management, instance details, system monitoring, database management, account management, and backup.	2015-12	<a href="#">Product Overview</a>



# Announcements

## Ending Sale for Basic Edition 1-Core Specification [2022.03.07]

Last updated : 2022-05-31 16:54:23

Dear user,

The sale of 1-core 2 GB MEM and 1-core 4 GB MEM TencentDB for SQL Server Basic Edition instances has ended on March 7, 2022. Purchased instances with such specifications are not affected. For available instance specifications, see [Specification List](#).

[Contact us](#) if you need any further help.

# Ending Support for Classic Network [2022.12.31]

Last updated : 2022-05-31 16:54:23

Dear user,

To provide you with better services, Tencent Cloud has stopped the creation of TencentDB for SQL Server instances in the classic network on April 30, 2022 and will officially deactivate the classic network product itself on December 31, 2022. The services will then be provided by corresponding VPC products. You can change the network of your existing instances [from the classic network to VPC](#).

As the current mainstream cloud network environment, VPC has all the features of the classic network and provides a more secure, flexible, and stable network environment and user experience. If your business is still using the classic network, we recommend you migrate it to VPC for a better service experience.

[Contact us](#) if you need any further help.

# Backup Billing Start [2022.07.10]

Last updated : 2022-06-28 11:51:05

The commercialized backup feature of TencentDB for SQL Server has been released. Billing will officially start at 00:00 on July 10, 2022, and backup spaces beyond the free tier will be charged. We recommend you read the billing rules in [Backup Space Billing](#) and adjust your backup policy based on your business conditions.

TencentDB for SQL Server will provide a free tier equivalent to the sum of storage spaces of all Basic Edition, High Availability Edition, and Cluster Edition primary instances in a region, and backup spaces beyond the free tier will be pay-as-you-go by hour.

## Upgraded services available after backup billing starts

- For more information on backup pricing, see [Backup Space Billing](#).
- For more information on how to adjust the backup policy, see [Configuring Automatic Backup](#).
- For more information on the backup statistics, see [Viewing Backup Space](#).