TencentDB for SQL Server

Release Notes and Announcements

Product Documentation
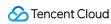
Contents

Release Notes and Announcements

Release Notes

Last updated：2024-07-30 14:27:59

May 2024

Update	Description	Release Date	Documentation
Supports manual creation of the latest blocking and deadlock events	TencentDB for SQL Server supports the manual creation of the latest blocking and deadlock events when the collection of blocking and deadlock events is enabled. You can create and download blocking and deadlock event files immediately as needed.	2024-05-09	Manual Creation of the Latest Blocking and Deadlock Events

April 2024

Update	Description	Release Date	Documentation
The international site supports monthly subscription.	TencentDB for SQL Server international site supports the monthly subscription billing mode. It is suitable for long-term needs with stable business volume. The longer the purchase duration, the greater the discount.	2024-04-22	Primary Instance Pricing Read-Only Instance Pricing
Supports changing only the private network address and releasing reserved addresses	TencentDB for SQL Server supports changing only the instance's private network address without changing the VPC and subnet. In cases where the old IP address is still reserved after the private network IP address is changed, it supports manually releasing the reserved address to quickly release the old IP address.	2024-04-11	Changing Network

March 2024

Update	Description	Release	Documentation

		Date	
Supports Replica Node Read-Only	TencentDB for SQL Server supports the replica node read-only feature, allowing access to the replica node via a replica node read-only address, which can effectively save the cost of a read-only instance.	2024-03-08	Replica node read-only
Read-only Instances Support Enabled Public Network Access	TencentDB for SQL Server read-only instances support enabling public network addresses within the read-only group, and the application system can access via the read-only group's public network address.	2024-03-08	Enabling/Disabling Public Network Address
New Monitoring Metrics	TencentDB for SQL Server has introduced new monitoring metrics related to the machine where the two-node cloud disk edition instance is deployed, including: disk throughput, disk read traffic, disk write traffic, average read IO response time, and average write IO response time.	2024-03-07	Supported monitoring metrics

December 2023

Update	Description	Release Date	Documentation
Supports SSL Encryption	TencentDB for SQL Server supports SSL encryption, which creates a secure encrypted transmission channel between the client and the cloud database server to ensure data information encrypted transmission. This not only prevents data from being intercepted or tampered with, but also ensures the security of information exchanged between both parties.	2023-12-07	Setting SSL encryption

November 2023

Update	Description	Release Date	Documentation
Optimized Configuration	TencentDB for SQL Server two-node cloud disk edition instance specifications change and disk	2023-11-30	Adjusting the instance

			specifications
Mode for Dual-Node Cloud Disk Edition	expansion methods have been optimized from migration upgrades to in-place upgrades.		
Added regions and AZs of Single-Node Cloud Disk Edition Architecture	TencentDB for SQL Server single-node cloud disk edition architecture now supports the region: Tokyo (Zone 1, Zone 2).	2023-11-02	Regions and AZs

October 2023

Update	Description	Release Date	Documentation
Single-node New Instance Specifications	TencentDB for SQL Server single node General SSD, Enhanced SSD, and High Performance Cloud Block Storage instances now offer a new 1:8 ratio specification and high-specification options.	2023-10-09	Master instance specification list

September 2023

Update	Description	Release Date	Documentation
Console and Feature Optimization	The TencentDB for SQL Server technical team has optimized the console and product features as follows, further improving and enhancing the user experience. TCOP instance monitoring page integration with TencentDB for SQL Server. Modifying the instance project will not unbind the security group. Retention duration policy is added to manual backup, supporting the choice of following the automatic backup retention time or the instance lifetime.	2023-09-14	Setting the Instance Project Creating Manual Backup
Supports Manual Primary-Replica Switch	TencentDB for SQL Server supports manual switching between the primary and replica databases to ensure system availability and data	2023-09-05	Manual Primary-Replica Switch

integrity. The instance connection address remains unchanged, allowing applications to automatically connect to the new primary instance.

August 2023

Update	Description	Release Date	Documentation
Added regions and AZs for the two-node cloud disk edition architecture	TencentDB for SQL Server two-node cloud disk architecture supports the following regions: Tokyo (Zones 1 and 2), Bangkok (Zones 1 and 2), Jakarta (Zones 1 and 2).	2023-08-04	-
Supported mobile instance management	TencentDB for SQL Server may be accessible from mobile devices via Tencent Cloud Assistant, which offers real-time monitoring, remote management, restart, renewal, and other features. This enables you to use it in mobile work scenarios, allowing you to stay up to date with the database's operating status and solve important issues anytime and anywhere, even outside working hours. This increases your productivity and convenience at work.	2023-08-03	Viewing Instance List

June 2023

Update	Description	Release Date	Documentation
Supported transparent data encryption (TDE)	TencentDB for SQL Server supports TDE feature. TDE 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.	2023-06-26	Transparent Data Encryption

May 2023

Update	Description	Release Date	Documentation
Added regions and AZs for the two-node cloud disk edition architecture	TencentDB for SQL Server supports new regions and AZs: Frankfurt (Zones 1 and 2), Seoul (Zones 1 and 2), Silicon Valley (Zones 1 and 2), Mumbai (Zones 1 and 2), Virginia (Zones 1 and 2), and São Paulo (Zone 1).	2023-05-25	Regions and AZs
Optimized the console and features	The TencentDB for SQL Server team has made the following optimizations on the product features and console display to further improve the user experience. For the task check before DTS data migration, the check error details and solutions are provided. For failures during the DTS data migration process, the failure details and solutions are provided.	2023-05-05	Details and solutions for task check errors before migration Details and solutions for failures occurred during migration

April 2023

Update	Description	Release Date	Documentation
Optimized rollback feature	TencentDB for SQL Server supports rolling back the database to the current instance, existing intra-region instances, and existing cross-region instances by time point or backup set. This guarantees remote disaster recovery, allowing you to restore data in an easier and more secure manner.	2023-04-21	Rollback Overview

March 2023

Update	Description	Release Date	Documentation

Supported querying and downloading blocking and deadlock events	TencentDB for SQL Server allows you to enable the collection of blocking and deadlock events and download corresponding log files. This helps you locate and optimize SQL statements that cause problems.	2023-03-23	Querying and Downloading Blocking and Deadlock Events
Added cloud disk types for single-node instances	A TencentDB for SQL Server single-node (formerly Basic Edition) instance of cloud disk edition supports mounting Balanced and Enhanced SSD cloud disks of up to 32 TB in all regions, making it easier to flexibly sustain more business load scenarios.	2023-03-02	Storage Types
Fully released the two-node architecture of cloud disk edition	TencentDB for SQL Server has fully released the new two-node architecture of cloud disk edition in Beijing, Shanghai, Guangzhou, Chengdu, Chongqing, Nanjing, Hong Kong (China), and Singapore regions. It has all the features of the two-node architecture of local disk edition, offers more flexible CPU/memory specifications, and supports mounting Balanced and Enhanced SSD cloud disks of up to 32 TB in all regions.	2023-03-02	Instance Architecture

February 2023

Update	Description	Release Date	Documentation
Optimized backup restoration	TencentDB for SQL Server optimizes the backup restoration and supports task editing, database renaming, and multiple COS file formats	2023-02-14	Cold Backup Migration
Account type and permission modification	TencentDB for SQL Server launched a new database account type and permission logic to better help you manage your accounts.	2023-02-09	Account Types and Permissions
Added new monitoring metrics.	The RO sync delay time is added for TencentDB for SQL Server to monitor the data sync delay time between the primary and the replica instance.	2023-02-09	Monitoring Metrics
Added the tryout of two-node cloud disk architecture	TencentDB for SQL Server launched a two-node cloud disk edition instance, which is fully compatible with all features of the two-node local disk instance. Its performance is comparable to that of a local	2023-02-09	Instance Architecture

SSD, allowing you to easily handle various business scenarios that require high performance, concurrency, and availability. It has more flexible CPU/memory specification ratios, supports general and enhanced SSD cloud disks, and can store up to 32 TB of data. In addition, the former high-availability/cluster editions are renamed as two-node, and the former basic edition as single-node for tryout. To use it in advance, submit a ticket for application.

January 2023

Update	Description	Release Date	Documentation
Supported cross-account data migration	TencentDB for SQL Server supports cross-account data migration between instances with DTS.	2023-01-13	Cross-Account Migration with DTS

December 2022

Update	Description	Release Date	Documentation
Supported version upgrade for Basic Edition	Self-service version upgrade is supported for TencentDB for SQL Server Basic Edition instances.	December 12, 2022	Adjusting Instance Version
Supported cross-AZ migration for Basic Edition	Cross-AZ migration is supported for TencentDB for SQL Server Basic Edition instances. All attributes and configurations (including the private network address and the subnet) of the instances remain unchanged after migration.	2022-12-12	Migrating Across AZs
Optimized the console and features	The TencentDB for SQL Server team has made the following optimizations on the product features and console display to further improve the user experience. The replica AZ field is added in the instance list in the console, which can display the primary and	2022-12-12	-

| | replica AZs and multi-AZ status of the instance. The database list and account list support fuzzy search by database or account name. | | |

November 2022

Update	Description	Release Date	Documentation
Supported archive backup	TencentDB for SQL Server automatic backup supports setting archive backup retention and non-archive backup retention. You can use this feature to back up data by scheduling two cycles, which reduces the costs compared with a single-cycle backup policy.	2022-11-22	Setting Archive Backup Retention

October 2022

Update	Description	Release Date	Documentation
Added new monitoring metrics.	New metrics are available for TencentDB for SQL Server 2014 and later, including internally locked/used memory.	2022-10-09	Monitoring Metrics

September 2022

Update	Description	Release Date	Documentation
Optimized operations for security group binding	TencentDB for SQL Server security groups can be unbound from projects and support multi-selection and fuzzy search capabilities.	2022-09-16	Configuring Security Group

August 2022

Update	Description	Release Date	Documentation
Supported modifying the system character set collation and time zone of instances	TencentDB for SQL Server allows you to set the system character set collation and time zone when purchasing an instance.	2022-08-25	Modifying Instance-Level Character Set Collation Modifying System Time Zone
Launched the service in Hong Kong Zone 3	TencentDB for SQL Server is now available in Hong Kong Zone 3 in Dual-Server High Availability Edition and Cluster Edition.	2022-08-10	Regions and AZs

July 2022

Update	Description	Release Date	Documentation
Supported public network access	TencentDB for SQL Server supports public network access. After this feature is enabled, an instance can be accessed at its public network address.	2022-07-25	Enabling/Disabling Public Network Address

June 2022

Update	Description	Release Date	Documentation
Optimized the console and features	The TencentDB for SQL Server team has made the following optimizations on the product features and console display to further improve the user experience. Manual backups in the specified time range can be batch deleted. The backup name can contain up to 128 characters. The log backup frequency has been adjusted to every 10 minutes.	2022-06-22	-

The visual display of the backup space trend chart is optimized in the console.
Slow query files can be se in the specified time range.
Exact and fuzzy searches are supported for VPC, subnet, and project lists on the purchase page.
The display order of system monitoring metrics is adjusted in the console.
The logic to set the instance maintenance window is optimized. You need to select at least one maintenance window to guarantee the database Ops security.
A quick redirect link is added to the VPC console to quickly query the TencentDB for SQL Server instances bound to VPCs.

May 2022

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	Migration with DTS
Supported Korean character sets	You can select a Korean character set during TencentDB for SQL Server instance creation.	2022-05-30	Creating Database
Released 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	FAQs Constraints and Limits Usage Specifications and Suggestions

March 2022

Update	Description	Release	Documentation

		Date	
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
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 can be viewed and downloaded. 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	Viewing Backup List Viewing Backup Space Backup Space Billing
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	Viewing Monitoring Charts

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	Performance Test Report
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	Setting Instance Remarks

| 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 | Switching from Classic Network to VPC |
| 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 | Changing Network (from VPC to VPC) |

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	Adjusting Instance Configuration

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	Migration from SQL Server to TencentDB for SQL Server
Launched the service in Chongqing region	TencentDB for SQL Server is now available in Chongqing Zone 1.	2021-11	Regions and AZs

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	Migrating Across AZs

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	Performance Test Report
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	Setting Backup Task
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	Setting Backup Task
Launched the service in Bangkok region	TencentDB for SQL Server is now available in Bangkok Zone 1 and Bangkok Zone 2.	2021-09	Regions and AZs
Launched the service in Singapore region	TencentDB for SQL Server is now available in Singapore Zone 2.	2021-09	Regions and AZs
Launched the	TencentDB for SQL Server is now available in	2021-09	Regions and

| service in Jakarta region | Jakarta Zone 2. | | AZs |

August 2021

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	Regions and AZs
Launched the service in Guangzhou Zone 7	TencentDB for SQL Server is now available in Guangzhou Zone 7.	2021-08	Regions and AZs

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	Setting Change Data Capture (CDC)
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	Setting Change Tracking (CT)
Supported configuring database shrinking	You can directly shrink database in the console to avoid space waste.	2021-07	Shrinking Database
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	Setting Instance Parameters
Launched 11 new	4 memory and lock performance counter monitoring	2021-07	Viewing

system and instance monitoring metrics	metrics and 7 physical machine system monitoring metrics are added for enterprise-grade users to comprehensively monitor database performance.		Monitoring Charts

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 and 90-core 720 GB specifications, meeting the needs of enterprise-grade users.	2021-06	-
Launched the service in Tokyo Zone 2	TencentDB for SQL Server is now available in Tokyo Zone 2.	2021-06	Regions and AZs

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	Supported Versions
Launched the service in Beijing Zone 7	TencentDB for SQL Server is now available in Beijing Zone 7.	2021-05	Regions and AZs

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 | This example shows you how to adjust instance specification. |

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 the Chengdu region	TencentDB for SQL Server is now available in the Chengdu region.	2020-11	Regions and AZs

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	Cold Backup Migration

July 2020

Update	Description	Release	Documentation

		Date	
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	Product Architecture

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	Product Architecture

December 2019

Update	Description	Release Date	Documentation
Supported multi-	Multi-AZ deployment can meet the needs for	2019-12	Multi-AZ

| AZ deployment | disaster recovery in multiple locations and better guarantee the availability. | | Disaster Recovery |
| 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 | Setting Instance Maintenance Information |

October 2019

Update	Description	Release Date	Documentation
Supported configuring security groups	Security group serves as a stateful virtual firewall with filtering feature for configuring network access control for one or more TencentDB instances. It is an important network security isolation tool provided by Tencent Cloud.	2019-10	Configuring Security Group
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	Creating Database

July 2019

Update	Description	Release	Documentation

		Date	
Launched the service in the Seoul region	TencentDB for SQL Server is now available in the Seoul region.	2019-07	Regions and AZs

June 2019

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	Billing Overview

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	This example shows you how to adjust instance specification.

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	Documentation

		Date	
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	Overview

Announcements

Announcement on Changing External Network Links

Last updated：2024-01-03 11:05:50

Dear Tencent Cloud users,

To ensure stable and superior-quality SQL Server services, we intend to modify the external link of SQL Server. The information on the time change and potential influence is as follows:.

Time Change

01:00–02:00 AM Beijing time (GMT+8) on Tuesday, September 12, 2023.

Influence

During the transition to the new external link, database access via public network address may experience momentary disconnections. Ensure your business systems have a reconnection mechanism. While the domain name and the port for public network access will remain unchanged, the public IP address will be change. Please switch the configurations from the public IP address access to domain name access to prevent additional disruptions. This update will not affect the internal network access.

Interface Authentication Upgrade Announcement

Last updated：2024-01-03 11:07:14

Dear Tencent Cloud users, according to Tencent Cloud's security prevention requirements, Tencent Cloud will add CAM authentication access to the SQL Server Direct API on June 27, 2023. To ensure that you can normally use the corresponding interfaces after the upgrade, please log in to the Tencent Cloud CAM console before June 27, 2023, to add access permissions for the corresponding interfaces.

Points of Attention

For users already authorized before this date, the authorization will take effect without any impact. Those not authorized after this date will first need to be authorized if they want to use an API, which is a prerequisite for accessing the corresponding interfaces.

Time to Take Effect

June 27, 2023 (Tuesday), Beijing time.

List of APIs with CAM Authentication (11 in Total)

API Name	API Description	Authorization Level
BalanceReadOnlyGroup	This API (BalanceReadOnlyGroup) is utilized to balance the routing weight of each read-only instance in accordance with predefined weights. Predefined weights can be queried through the DescribeReadOnlyGroupAutoWeight API.	Resource-Level
DeleteDBInstanceSet	This API (DeleteDBInstanceSet) allows bulk release of SQL Server instances that are currently in the recycle bin (immediate deactivation). These instances after release will undergo physical termination after a predefined period. Their **Publish-Subscribe** link will be	Resource-Level

	automatically nullified and their read-only (RO) replicas will be automatically released.	
DescribeBackupMonitor	This API (DescribeBackupMonitor) is employed to query the detailed usage of backup space.	Operation-Level
DescribeBackupSummary	This interface (DescribeBackupSummary) is used to query an overview of database backup information.	Operation-Level
DescribeDBInstancesAttribute	This API (DescribeDBInstancesAttribute) is used to query the attachment attribute of instances.	Resource-Level
DescribeRegularBackupPlan	This API (DescribeRegularBackupPlan) is used to query the retention plans of regular backups for instances.	Operation-Level
DescribeUpgradeInstanceCheck	This API (DescribeUpgradeInstanceCheck) is used to perform a preliminary examination of the impact for the adjustment of instance configurations.	Operation-Level
DescribeWhiteListForMonitor	This API (DescribeWhiteListForMonitor) is used to manage the display of particular performance monitoring metrics of the system.	Operation-Level
ModifyDBInstanceNote	This API (ModifyDBInstanceNote) is utilized for the modification of instance remark data.	Resource-Level
ModifyPublishSubscribe	This API (ModifyPublishSubscribe) is used for the modification of the **Publish-Subscribe** relationship of an instance.	Operation-Level
RenewPostpaidDBInstanceSet	This API (RenewPostpaidDBInstanceSet) is used for the batch restoration of pay-as-you-go instances from the recycle bin.	Resource-Level

Authorization Operation Guidance

1. Log in to the CAM console.
2. Click on **Policies** in the left navigation bar.
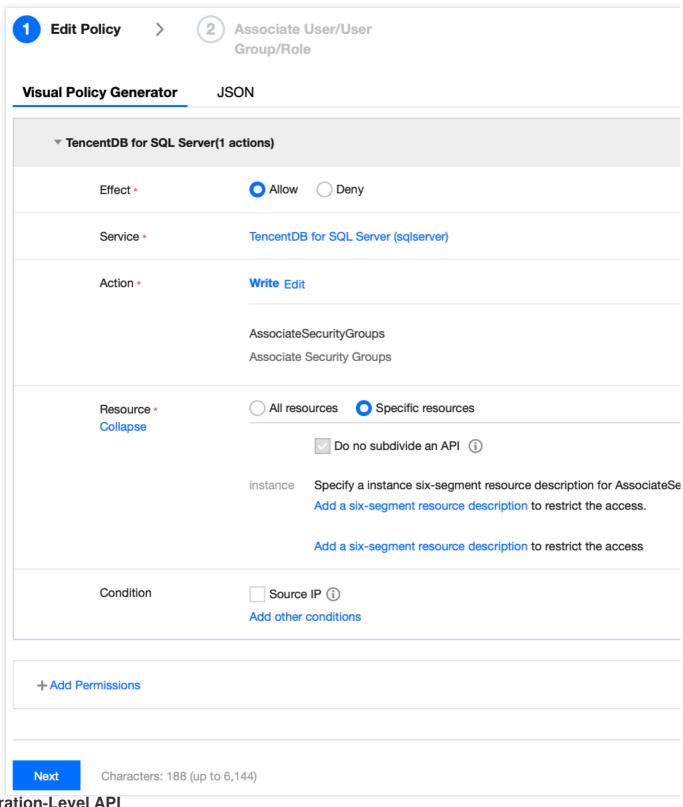
Resource-Level API

Choose **Create Custom Policy** > **Create by Policy Generator** to configure the corresponding policy parameters.

Service: SQL Server (sqlserver).

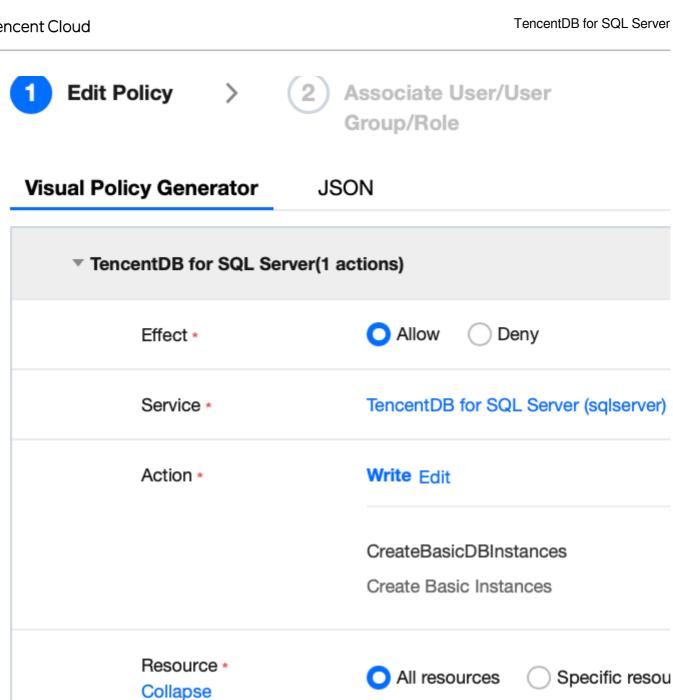Resources: Select either **Specific resources** or **All resources**.

1 Edit Policy > ② Associate User/User Group/Role

Visual Policy Generator   JSON

▼ **TencentDB for SQL Server(1 actions)**

Effect *	● Allow ○ Deny
Service *	TencentDB for SQL Server (sqlserver)
Action *	**Write** Edit
	AssociateSecurityGroups
	Associate Security Groups
Resource * Collapse	○ All resources ● Specific resources
	☑ Do no subdivide an API ⓘ
	instance Specify a instance six-segment resource description for AssociateSe Add a six-segment resource description to restrict the access. Add a six-segment resource description to restrict the access
Condition	☐ Source IP ⓘ Add other conditions

＋ Add Permissions

Next   Characters: 188 (up to 6,144)

Operation-Level API

Choose **Create Custom Policy** > **Create by Policy Generator** to configure the corresponding policy parameters.

Service: SQL Server (sqlserver).

Resources: Select **All resources**. **Specific resources** is not available.

① Edit Policy ＞ ② Associate User/User Group/Role

Visual Policy Generator   JSON

▼ **TencentDB for SQL Server(1 actions)**

Effect *	● Allow ○ Deny
Service *	TencentDB for SQL Server (sqlserver)
Action *	**Write** Edit
	CreateBasicDBInstances
	Create Basic Instances
Resource * Collapse	● All resources ○ Specific resou
Condition	☐ Source IP ⓘ Add other conditions

+ Add Permissions

Next   Characters: 187 (up to 6,144)

1. Click **Next**, configure **Associate User/User Group/Role**.

Edit Policy > 2 Associate User/User Group/Role

Basic Info

Policy Name *

policy

After the policy is created, its name cannot be modifi

Description

Please enter the policy description

Associate User/User Group/Role

Authorized Users

Select Users

Authorized User Groups

Select User Groups

Grant Permission to Role

Select Role

Previous   Complete

2. Click **Complete**.

Maintenance Time Change from Local Time to Beijing Time

Last updated：2023-03-30 10:52:05

TencentDB for SQL Server will change the time zone in the maintenance information on February 24, 2023. Specifically, the maintenance time will be changed from the local time to Beijing time.

Change time

Friday, February 24, 2023, Beijing time.

Change description

The maintenance time of an instance will be changed from the **local time** to **Beijing time**.

Impact description

After the change, the effective time of configuration adjustment and the switch time during cross-AZ migration will be in Beijing time.

Account Type and Permission Changes

Last updated：2023-04-06 16:51:55

To provide more comprehensive and convenient instance account management services, TencentDB for SQL Server will change the instance account types and permissions on February 9, 2023 as detailed below:

Account mappings

Instance Architecture	Old Account Type	New Account Type	Description
Two-node (formerly High Availability/Cluster Edition)	Admin	Privileged account	The old admin account corresponds to the new privileged account, which has the owner permissions of all databases by default.
	Non-admin	Standard account	The old non-admin account corresponds to the new standard account.
	-	Designated account	A new designated account is added, which can only view and own the specified database. A designated account can be authorized to multiple databases, but a database can be authorized to only one designated account.
Single-node (formerly Basic Edition)	Admin	Admin account	The old admin account corresponds to the new admin account, which has the highest-level sysadmin permission and the owner permissions of all databases. After the admin account is enabled, the product SLA will no longer be guaranteed.
	Non-admin	Standard account	The old non-admin account corresponds to the new

			standard account.
-		Privileged account	A privileged account is added, which has the owner permissions of all databases by default.
-		Designated account	A new designated account is added, which can only view and own the specified database. A designated account can be authorized to multiple databases, but a database can be authorized to only one designated account.

Permission mappings

Old Account Type	New Account Type	Old Account Permission	New Account Permission	Database-Level Permission
Non-admin	Standard account	Read-only	Read-only	db_reader
		Read/Write	Owner	db_owner
		-	Read/Write	db_reader db_writer

Note:

The old and new account types and permissions have already been made compatible, so existing instances won't be affected.

Contact us if you have any questions about instance account type and permission changes.

Product Architecture Name Change

Last updated：2023-04-06 16:51:55

TencentDB for SQL Server will rename product architectures on February 9, 2023. Your business won't be affected by the name change.

Change time

February 9, 2023.

Change description

The original **Basic Edition** will be renamed **single-node**, which will support SQL Server 2008 R2, 2012, 2014, 2016, 2017, 2019 Enterprise.
The original **High Availability**/**Cluster Edition** will be renamed **two-node**:
SQL Server 2008 R2, 2012, 2014, 2016 Enterprise/Standard: The primary/replica architecture of a two-node instance consists of one primary database and one mirror database.
SQL Server 2017, 2019 Enterprise/Standard: The primary/replica architecture of a two-node instance adopts the Always On technology.
The architectures of existing instances won't be affected.

Disk Storage Space Composition Change

Last updated：2023-04-06 16:51:55

TencentDB for SQL Server will adjust the composition rules of the disk storage space on February 7, 2023, and the system databases of new instances will be counted in the disk storage space.

Before the adjustment, the disk storage space consists of **data file space, transaction log file space, and temp table files**.

After the adjustment, the disk storage space will consist of **data file space, transaction log file space, temp table files, and system databases**.

Here:

Data file space: The space used by your data. The data file space of SQL Server is preallocated, so every database will take up nearly 500 MB space to store your data.

Transaction log file space: Each database in a TencentDB for SQL Server instance has a log file. In full recovery model, database transaction logs will be written to the log file.

Temp table files: Files used by `TEMPDB` of the TencentDB for SQL Server instance and generated by complex queries.

System databases: Files generated by the system databases of the TencentDB for SQL Server instance.

Contact us if you have any questions about instance disk storage space.

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.

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.