

# **TDSQL-C for MySQL**

## **Purchase Guide**

### **Product Documentation**



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# Contents

## Purchase Guide

Billing Overview

Product Pricing

Creating Cluster

Specification Adjustment Description

Renewal

Payment Overdue

Refund

Change from Pay-as-You-Go to Monthly Subscription

Change from Pay-as-You-Go to Serverless Billing

Value-Added Services Billing Overview

    Database Audit Billing Overview

Viewing Billing Statements

# Purchase Guide

## Billing Overview

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This document describes all the billable items of TDSQL-C for MySQL.

### Billable items

Billable Item	Description	Charge Applicable	Supported Billing Mode
Compute node	<p>Compute nodes include read-write nodes and read-only nodes.</p> <p>Such fees are subject to the node region, specification, and usage duration.</p>	Charged upon purchase/use	Monthly subscription Pay-as-you-go Serverless
Storage space	<p>Storage space refers to the space used by data files, index files, log files (redo logs, undo logs, slow logs, and error logs), and temporary files. Fees are charged for the used storage space.</p> <p>Such fees are subject to the data volume and storage duration.</p> <p><b>Note:</b></p> <p>Data files are stored in three replicas for strong data consistency and reliability, and fees are charged based on the data volume in only one replica.</p>	Charged upon purchase/use	Monthly subscription Pay-as-you-go
Backup storage space	<p>Backup files take up the storage space. Backup modes include automatic and manual, and backup objects include log and data. Storage space used by all backup files incurs fees under this billable item.</p> <p>Such fees are subject to the capacity and retention duration.</p>	Free of charge for now	Pay-as-you-go
Database audit	<p>TDSQL-C for MySQL provides database audit capabilities, which can record accesses to databases and executions of SQL statements to help you manage risks and improve the database security.</p> <p>You need to pay for database audit only after it is enabled.</p>	Charged upon purchase/use	Pay-as-you-go

## Supported billing modes

Instance Mode	Billing Mode	Supported Engine	Billing Mode	Use Cases
Provisioned Resource (Provisioned Specified Specs)	Monthly subscription	MySQL	<a href="#">Prepaid Billing</a> . You need to pay the fees when creating an instance.	It is more cost-effective in the long term for businesses with stable needs than pay-as-you-go billing. Moreover, the longer a service is purchased, the less it costs.
	Pay-as-you-go	MySQL	<a href="#">Postpaid</a> . You can apply for resources for on-demand use and will be charged based on the actual usage of resources upon settlement.	It is suitable for instantaneously fluctuating businesses. In this mode, instances can be released immediately after the use to save costs.
Serverless	Compute: Number of CCUs Storage: usage in GB	MySQL	Compute and storage resources are billed separately: compute resources are billed by the number of CCUs, while storage resources are billed by the usage in GB. The billing system calculates the usage by second and settles fees by hour.	It is suitable for business scenarios with low frequency and uncertain load such as development and testing. <b>Note:</b> A serverless instance will start with the minimum CPU specification during initialization and will be downgraded if there are no requests in ten minutes after startup. Therefore, even if you don't use the instance after purchasing it, compute node fees will be charged for ten minutes. TDSQL-C Compute Unit (CCU) is the computing and billing unit for the Serverless Edition. A CCU is approximately equal to 1 CPU core and 2 GB memory. The number of CCUs used in each billing cycle is the greater of the number of CPU cores used by the database and 1/2 of the memory size.
	Resource pack	MySQL	Prepaid resource packs include <a href="#">compute resource</a>	It is suitable for the scenarios that require flexible management of compute and storage resources and

			<p><a href="#">pack</a> and <a href="#">storage resource pack</a>, which can be used to deduct the storage and compute resources used by the serverless cluster.</p>	<p>upfront payments based on actual usage, such as short-term projects, applications with fluctuating traffic, large-scale data processing.</p>
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# Product Pricing

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Note :

From November 1, 2023 to February 29, 2024, pay-as-you-go clusters in the Virginia region of the international site can enjoy a 20% discount. The final price will be determined based on the console.

The billable items of TDSQL-C for MySQL include compute node, storage space, and value-added services such as backup space and database audit. This document describes the pricing of TDSQL-C for MySQL.

## Billing Overview

Note :

Value-added services are billed separately and independently of compute nodes and storage space. For more information, see [Value-Added Service Pricing](#).

**Total monthly subscription fees = compute node fees + storage space fees = compute node price \* number of compute nodes + storage space price \* storage space**

**Total pay-as-you-go fees = compute node fees + storage space fees = compute node price \* number of compute nodes + storage space price \* storage space**

**Total serverless fees = compute node fees + storage space fees = serverless computing power price \* number of CCUs + storage space price \* storage space**

TDSQL-C for MySQL adopts a computing-storage separation architecture. You can purchase multiple compute nodes for a single cluster. Each compute node is billed separately, and all compute nodes in the same cluster share the same storage space, so you only need to pay for one storage space.

- Compute node fees are charged in the corresponding billing mode (monthly subscription, pay-as-you-go, or serverless) based on the specification you purchase.
- Storage space fees are charged in your selected billing mode: monthly subscription (prepaid storage space) or pay-as-you-go (postpaid by hourly storage space usage).

Note :

**Monthly-subscribed storage space** can be purchased only after you select the monthly subscription billing mode for TDSQL-C for MySQL.

## Compute Node Pricing

Compute Node Specification	Guangzhou, Shanghai, Beijing, and Nanjing		Hong Kong (China) and Taipei (China)		Beijing Finance	
	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)
1-core 1 GB MEM	0.038952	8.82352942	0.065268	31.32352941	0.0585	28.0585
1-core 2 GB MEM	0.049968	13.23529412	0.083664	40.14705882	0.07506	36
2-core 4 GB MEM	0.099936	48.00000002	0.167328	80.29411764	0.15012	72
2-core 8 GB MEM	0.144	69.17647062	0.240912	115.58823528	0.21636	103.764
2-core 16 GB MEM	0.232128	111.52941182	0.38808	186.17647056	0.34884	167.294
4-core 8 GB MEM	0.199872	96.00000004	0.334656	160.58823528	0.30024	144
4-core 16 GB MEM	0.288	138.35294124	0.481824	231.17647056	0.43272	207.528
4-core 24 GB MEM	0.376128	180.70588244	0.628992	301.76470584	0.5652	271.058
4-core 32 GB MEM	0.464256	223.05882364	0.77616	372.35294112	0.69768	334.588
8-core 16 GB MEM	0.399744	192.00000008	0.669312	321.17647056	0.60048	288

Compute Node Specification	Guangzhou, Shanghai, Beijing, and Nanjing		Hong Kong (China) and Taipei (China)		Beijing Finance	
	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)
8-core 32 GB MEM	0.576	276.70588248	0.963648	462.35294112	0.86544	415.05882336
8-core 48 GB MEM	0.752256	361.41176488	1.257984	603.52941168	1.1304	542.11764732
8-core 64 GB MEM	0.928512	446.11764728	1.55232	744.70588224	1.39536	669.17647092
12-core 48 GB MEM	0.864	415.05882372	1.445472	693.52941168	1.29816	622.5882336
12-core 72 GB MEM	1.128384	542.11764732	1.886976	905.29411752	1.6956	813.17647092
12-core 96 GB MEM	1.392768	669.17647092	2.32848	1117.05882336	2.09304	1003.70588224
16-core 64 GB MEM	1.152	553.41176496	1.927296	924.70588224	1.73088	830.11764732
16-core 96 GB MEM	1.504512	722.82352976	2.515968	1207.05882336	2.2608	1084.23529456
16-core 128 GB MEM	1.857024	892.23529456	3.10464	1489.41176448	2.79072	1338.35294184
24-core 96 GB MEM	1.728	830.11764744	3.10464	1387.05882336	2.59632	1245.17647092
24-core 144 GB MEM	2.256768	1084.23529464	3.773952	1810.58823504	3.3912	1626.35294184
24-core 192 GB MEM	2.785536	1338.35294184	4.65696	2234.11764672	4.18608	2007.52941184
32-core 128 GB MEM	2.304	1106.82352992	3.854592	1849.41176448	3.46176	1660.23529456

Compute Node Specification	Guangzhou, Shanghai, Beijing, and Nanjing		Hong Kong (China) and Taipei (China)		Beijing Finance	
	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)	Pay-as-You-Go Price (USD/Hour)	Monthly Subscription Price (USD/Month)
32-core 192 GB MEM	3.009024	1445.64705952	5.031936	2414.11764672	4.5216	2168.47
32-core 256 GB MEM	3.714048	1784.47058912	6.20928	2978.82352896	5.58144	2676.70
48-core 192 GB MEM	3.456	1660.23529488	5.781888	2774.11764672	5.19264	2490.35
48-core 288 GB MEM	4.513536	2168.47058928	7.547904	3621.17647008	6.7824	3252.70
48-core 384 GB MEM	5.571072	2676.70588368	9.31392	4468.23529344	8.37216	4015.05
48-core 488 GB MEM	6.716736	3227.29411928	11.227104	5385.88235208	10.0944	4840.94
64-core 256 GB MEM	4.608	2213.64705984	7.709184	3698.82352896	6.92352	3320.47
64-core 384 GB MEM	6.018048	2891.29411904	10.063872	4828.23529344	9.0432	4336.94
64-core 512 GB MEM	7.428096	3568.94117824	12.41856	5957.64705792	11.16288	5353.41
88-core 710 GB MEM	10.279728	4939.05882598	17.185896	8244.7058811	15.44832	7408.58

## Serverless Computing Power Pricing

Billable Unit	Guangzhou, Shanghai, Beijing, and Nanjing
	CCU Price (USD/Unit/Second)
Serverless instance	0.00001397

Note :

TDSQL-C Compute Unit (CCU) is the computing and billing unit for the serverless mode. A CCU is approximately equal to 1 CPU core and 2 GB memory. The number of CCUs used in each billing cycle is the greater of the number of CPU cores used by the database and 1/2 of the memory size.

- You can refer to compute unit to select the corresponding maximum and minimum CCU values. The storage space upper limit is the same as the maximum storage space corresponding to the common compute node specifications as described in [Product Specifications](#).

## Storage Space Pricing

Guangzhou, Shanghai, Beijing, Nanjing, Beijing Finance, Chengdu, and Chongqing		Hong Kong (China), Taipei (China), Singapore, Silicon Valley, Frankfurt, Tokyo, Virginia, and Seoul	
Pay-as-You-Go Price (USD/GB/Hour)	Monthly Subscription Price (USD/GB/Month)	Pay-as-You-Go Price (USD/GB/Hour)	Monthly Subscription Price (USD/GB/Month)
0.00072	<ul style="list-style-type: none"> <li>Below 3,000 GB: 0.20541177</li> <li>3,000 GB or above: 0.18829412</li> </ul>	0.000792	<ul style="list-style-type: none"> <li>Below 3,000 GB: 0.22447059</li> <li>3,000 GB or above: 0.20576471</li> </ul>

## Value-Added Service Pricing

### Backup space price

The backup space is free of charge for now.

### Database audit price

Database audit is billed by the amount of audit log storage on a pay-as-you-go basis. Fees are billed for every clock-hour, and usage duration shorter than one hour will be calculated as one hour.

Region	Price (USD/GB/Hour)	
	Frequent Access Storage	Infrequent Access Storage

Region	Price (USD/GB/Hour)	
	Frequent Access Storage	Infrequent Access Storage
China (including finance regions)	0.00147059	0.00018382
Other countries and regions	0.00220588	0.00027573

For more information, see [Database Audit Billing Overview](#).

## Fees Calculation Example

Note :

The following prices are for demonstration only. The actual prices at the official website shall prevail, which may vary by region, campaign, or policy.

### Example 1. Both compute nodes and the storage space are monthly subscribed

You purchased a 1-core 2 GB MEM TDSQL-C for MySQL cluster that contained one instance in Beijing Zone 5 for one month, and used 10 GB of storage space every day.

Monthly compute node fees = 13.23529412 USD/month \* 1 month \* 1 = 13.23529412 USD

Monthly storage space fees = 0.20541177 USD/GB/month \* 10 GB = 2.0541177 USD

Total monthly fees = compute node fees + storage space fees = 13.23529412 USD + 2.0541177 USD = 15.28941182 USD

### Example 2. Both compute nodes and the storage space are pay-as-you-go

You purchased a 1-core 2 GB MEM TDSQL-C for MySQL cluster that contained one instance in Beijing Zone 5, and used 10 GB of storage space every day.

Daily compute node fees = 0.049968 USD/hour \* 24 hours \* 1 = 1.199232 USD

Daily storage space fees = 0.00072 USD/GB/hour \* 10 GB \* 24 hours = 0.1728 USD

Total daily fees = compute node fees + storage space fees = 1.199232 USD + 0.1728 USD = 1.372032 USD

### Example 3. Compute nodes are monthly subscribed while the storage space is pay-as-you-go

You purchased a 1-core 2 GB MEM TDSQL-C for MySQL cluster that contained one instance in Beijing Zone 5, and used 30 GB of storage space in total for 10 days.

Monthly compute node fees = 13.23529412 USD/month \* 1 month \* 1 = 13.23529412 USD

Storage space fees for 10 days = 0.00072 USD/GB/hour \* 30 GB \* 24 hours \* 10 = 5.184 USD

Total fees after 10 days = compute node fees + storage space fees = 13.23529412 USD + 5.184 USD = 18.4192941 USD

#### **Example 4. Compute nodes are serverless while the storage space is pay-as-you-go**

You purchased a serverless database with a minimum computing specification of 0.25 CCU/s and a maximum computing specification of 2 CCU/s in Beijing Zone 5, and used 10 GB of storage space all day and an average of 1.5 CCU/s in one hour every day.

Daily compute node fees = 1.5 \* 3600 seconds \* 0.00001397 USD/unit/second = 0.075438 USD

Daily storage space fees = 0.00072 USD/GB/hour \* 10 GB \* 24 hours = 0.1728 USD

Total daily fees = compute node fees + storage space fees = 0.075438 USD + 0.1728 USD = 0.248238 USD

# Creating Cluster

Last updated : 2024-03-26 16:52:13

This document describes how to create a Provisioned Resource cluster in the TDSQL-C for MySQL console. For the creation of a serverless cluster, see [Creating Serverless Cluster](#).

## Prerequisite

To make a purchase, you need to complete identity verification first. For more information, see [Identity Verification Guide](#).

## Directions

1. Log in to the [purchase page](#) and complete the settings of **Database Configuration** and **Billing Mode**.

Parameter	Description
Instance Mode	Select <b>Provisioned Resource</b> .
Database Engine	Select <b>MySQL</b> .
Region	Select a region for database deployment.
Source AZ	Select an AZ for deployment. Specific AZs in the selected region are shown on the actual purchase page.
Multi-AZ Deployment	Select whether to enable multi-AZ deployment. If you enable it, the replica AZ option will appear.
Replica AZ	It is disabled by default and can be selected after multi-AZ deployment is enabled.
Transfer Linkage	It is "High IO" by default.
Network	For performance and security considerations, only VPC network is supported currently. CVM instances can communicate with TDSQL-C instances only in the same VPC. A subnet is a logical network space in a VPC. You can create subnets in different AZs in the same VPC, which communicate with each other over the private network by default. Even if you select a subnet in another AZ in the same region, the network latency will not be increased because the actual business connection adopts nearby access.

Database Version	MySQL 5.7 and 8.0 are supported.
Compute Instance (read/write)	Select the compute specifications of the read-write instance. Only one read-write instance can be configured.
Compute Instance (read-only)	Select the compute specifications of the read-only instance. You need to select at least two read-only instances to ensure that the cluster is highly available. After the cluster is created, you can expand the read capability of the cluster by adding up to 15 read-only instances.
Auto-Renewal	Auto-renew the device monthly upon expiration if your account has sufficient balance
Compute Billing Mode	Monthly subscription and pay-as-you-go billing are supported.
Storage Billing Mode	Pay-as-you-go billing is supported, which means you don't need to specify a storage option when you make a purchase. TDSQL-C for MySQL is billed by the actual storage used per hour. Monthly subscription billing is supported, which means you need to purchase monthly-subscribed storage space now (billed in the entirety regardless of whether it is used up).

**Note:**

If your desired instance specification is sold out, you can click **Do you need it?** and the pop-up window will display instances of the same specification in other AZs. If none of them meet your requirements, [submit a ticket](#) for assistance.

<input type="radio"/>	Dedicated	64-core	384GB	720000	90Gbps	4
<input type="radio"/>	Dedicated <span>Sold out</span>	64-core	512GB	720000	90Gbps	4

Monthly subscribed storage space can be purchased only after you select the monthly subscription billing mode.

For more information on how to select an appropriate billing mode for storage space, see [Selecting Billing Mode for Storage Space](#).

2. Complete the **Basic Info** and **Advanced Configuration** settings, select the **Validity Period** and **Quantity**, confirm the fees, and click **Buy Now**.

**Basic Info**

Parameter	Description
Cluster Name	Set a name for the cluster now or later. It must contain up to 60 letters, digits, hyphens, underscores, and dots.

Admin Username	It is <code>root</code> by default.
Password	The password can contain 8–64 characters in at least three of the following character types: uppercase letters, lowercase letters, digits, and symbols <code>~!@#\$\$%^&amp;* _-+= \\(){}[];':,./</code> .
Default Character Set	UTF8, GBK, LATIN1, and UTF8MB4 are supported.
Custom Port	It is 3306 by default and can be customized.

#### Advanced Configuration

Parameter	Description
Security Group	Select or create a security group.
Parameter Template	Select or create a parameter template.
Table Name Case Sensitivity	Select <b>Case-Insensitive</b> or <b>Case-Sensitive</b> .
Project	Specify a project for the cluster to be created.
Alarm Policy	Select or create an alarm policy.
Tag	Add a tag to facilitate resource categorization and management.
Terms and Conditions	Read and indicate your consent to the terms and conditions.

#### Note:

When you hover over **Configuration Fees**, the details such as computing fees and storage fees will be displayed.

### Billing Details

Billable Item	Original Price	Discount	Discounted Price
Computing Fees	USD		
Storage Fees	USD		
Backup Fees	TDSQL-C backup feature is free of charge.		
Total			
	<u>Configuration Fees</u>		USD

Quantity

Pay-as-you-go: You can purchase up to ten TDSQL-C for MySQL clusters in each AZ. If you need more, [submit a ticket](#) for assistance.

Monthly subscription: You can purchase an unlimited number of clusters.

When the amount of data stored in a cluster exceeds its maximum storage space, the cluster can only read but not write data. In this case, you can choose to delete redundant data or upgrade the specification.

3. After the purchase is completed, you will be redirected to the cluster list. After the status of the cluster becomes **Running**, it can be used normally.

## Related Operations

After creating the TDSQL-C for MySQL cluster, you can connect to it through its private or public network address or DMC. For more information, see [Connecting to Cluster](#).

# Specification Adjustment Description

Last updated : 2024-03-21 15:32:00

This document describes the costs of specification adjustment for both pay-as-you-go and monthly subscribed clusters, focusing on compute nodes and storage space.

## Note:

TDSQL-C for MySQL adopts a storage-computing separation architecture that allows independent specification adjustment instead of specification adjustment for both, improving the flexibility of specification adjustment.

When upgrading instances in a cluster, there is an upper limit to the storage space. The storage space cannot exceed the upper limit corresponding to the compute node. If a larger storage space is required, you can upgrade your current compute node specifications first. For detailed compute node specifications and upper storage limit, see [Product Specifications](#).

## Compute Node Specification Adjustment

### Note:

Discounts and vouchers are not returned.

The refund will be returned to your Tencent Cloud account by the proportion of the cash and free credits paid for the purchase.

If the refund amount is  $\leq 0$ , it will be calculated as 0, that is, the refund amount will be 0.

### Cost of Specification Adjustment for Pay-as-You-Go Clusters

For pay-as-you-go clusters, charges are billed on an hourly basis. After specification adjustments, the next billing cycle will be charged at the new hourly rate.

For example, a user in Beijing Zone 3 adjusts the specification of the TDSQL-C for MySQL cluster from a 1-core, 2-GB instance to a 2-core, 4-GB instance, resulting in a billing rate shift from 0.018396 USD per hour to 0.099936 USD.

### Cost of Specification Adjustments for Monthly Subscribed Clusters

Specification Adjustment	Billing Description
Upgrading specifications	<p>When users upgrade their compute node specifications, the system determines the cost difference between the current and upgraded node specifications. A bill is then generated, with the calculated difference deducted from the user's account. If the account balance is insufficient, a top-up is necessary. Following the upgrade, billing is based on the updated instance specifications.</p> <p>Cost difference = Unit price of new specifications × Validity period - Unit price of original specifications × Validity period</p>

Downgrading specifications	<p>When users downgrade their compute node specifications, the system determines the cost difference between the current and downgraded node specifications. A bill is then generated, with the calculated difference refunded to the user's account.</p> <p>Refund amount = Remaining amount of the original specification - Purchase price of the new specification - Remaining amount for the original specification = Effective order amount of original specification - Used value of original specification.</p> <p>Effective order amount of original specification: The amount paid for the currently effective order, excluding discounts and vouchers.</p> <p>Used value of original specification: For the used part, if the usage has lasted at least one month as of the date of downgrade, fees will be deducted by month; otherwise, fees will be deducted in a pay-as-you-go manner.</p> <p>Purchase value of the new specification: The current official price of the new specification multiplied by the remaining validity period.</p>
Adding Read-only instances	<p>The cost is charged according to the unit price of the newly purchased compute node.</p> <p>Cost of new read-only instances = Compute node unit price (USD/day) × Validity period</p>
Deleting instances	<p>Both read-only instances and read-write instances can be deleted. For more information related to the cost of deleting instances, see <a href="#">Refund</a>.</p> <p><b>Note:</b></p> <p>In a cluster with both read-write and read-only instances, delete the read-only instances first. Deleting the read-write instance is the same as returning the entire cluster. Alternatively, you can delete the entire cluster, removing both read-write and read-only instances.</p>

## Storage Space Specification Adjustment

### Note:

When reducing storage space, the new storage space should not be lower than the used storage space. If a lower storage space is required, please clear the corresponding data first.

### Cost of Specification Adjustment for Pay-as-You-Go Clusters

In the pay-as-you-go billing mode, the cost of the cluster storage space is still charged based on the hourly usage, and there is no need to purchase unused storage space in advance. However, each compute node specification has a storage space upper limit. If you require maximum storage space, you can upgrade the compute node specifications.

### Cost of Specification Adjustment for Monthly Subscribed Clusters

In the monthly subscription mode, the cost of storage space is charged based on the pre-purchased amount with a tiered pricing model. For detailed pricing information, please refer to [Product Pricing](#).

## Related Documents

[Adjust Instance Specification](#)

# Renewal

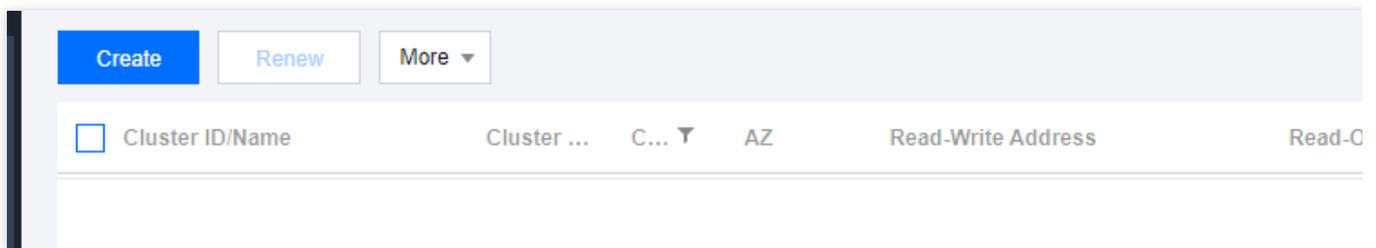
Last updated : 2023-08-24 09:32:56

TDSQL-C for MySQL can be renewed in the console or renewal management center.

## Renewal in the Console

### Manual renewal

1. Log in to the [TDSQL-C for MySQL console](#).
2. Select one or more clusters to be renewed in the cluster list, and click **Renew** at the top.



3. In the pop-up window, select the renewal length and click **OK**.
4. On the pop-up order confirmation page, confirm that everything is correct and make the payment.

### Auto-renewal

1. Log in to the [TDSQL-C console](#), select one or more clusters to be renewed in the cluster list, and click **More > Enable Auto-Renewal** at the top.
2. In the pop-up window, confirm that everything is correct and click **OK**.

## Renewal in the Renewal Management Center

The [Renewal Management](#) page provides features such as **Batch Renewal**, **Set to Auto-Renewal**, and **Collective Expiration Date** for clusters. For more information, see [Renewal Management](#).

# Payment Overdue

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## Note :

If you are a customer of a Tencent Cloud partner, the rules regarding resources when there are overdue payments are subject to the agreement between you and the partner.

## Monthly Subscription

### Alerts

From seven days before your resource expires until the resource is released, the system will send alerts to your Tencent Cloud account creator, global resource collaborators, and financial collaborators via email, SMS, and other methods as configured in the message subscription in the [Message Center](#).

For more information on the message notification mechanism, see [Prepaid Billing > Billing Process](#).

### Repossession

The system will send you a renewal notification 7 days before the expiration of database resources.

After the expiration, your TDSQL-C for MySQL cluster cannot be used and will be put into the recycle bin. You can view and renew the corresponding instances and the cluster on the recycle bin page in the console.

Resources in the recycle bin will be retained for seven days. If the instance in the recycle bin is not renewed within seven days, it will be repossessed, and all data will be deleted and cannot be recovered.

## Pay-as-You-Go

### Note :

After you stop using pay-as-you-go resources, **terminate them as soon as possible** as instructed in [Deleting Instance](#) to avoid fee deduction.

Since your actual resource consumption is constantly changing, some slight discrepancies may exist for your stated balance.

### Alerts

Pay-as-you-go resources are billed for every clock-hour. When your account balance becomes negative, the system will send an alert to your Tencent Cloud account creator, global resource collaborators, and financial collaborators via email, SMS, and other methods as configured in the message subscription in the [Message Center](#).

For more information on the message notification mechanism, see [Postpaid Billing](#).

## Overdue payment policy

### 1. When your account balance becomes negative:

You can continue to use your TDSQL-C for MySQL cluster in 24 hours. We will continue to bill you for this period. Your TDSQL-C for MySQL cluster will be automatically isolated into the recycle bin after 24 hours, and billing will stop.

### 2. After the isolation:

If you top up your account within three days after the isolation to a positive balance, the billing will continue, and the cluster will be automatically recovered for normal use.

If your account balance remains negative after three days, the isolated cluster will be deactivated and put into the repossession queue, and all data in it will be cleared and cannot be recovered.

When the cluster is repossessed, the system will send an alert to your Tencent Cloud account creator, global resource collaborators, and financial collaborators via email, SMS, and other methods as configured in the message subscription in the [Message Center](#).

# Refund

Last updated : 2023-11-17 10:14:37

TDSQL-C for MySQL supports **termination/refund** operations on clusters or instances under clusters in the console.

This document describe the refund instructions.

Monthly subscription (prepaid): For TDSQL-C for MySQL, each account is entitled to unconditional full refund only once within five days after purchase by default. Non-full refunds will be provided for other refund requests.

Pay-as-you-go (postpaid): All TDSQL-C for MySQL resources can be returned directly, but there will be no refunds.

The above operations can be performed in the [console](#): either on the **Cluster Management** page >

Terminate/Refund\*\* (tab view)\*\* or **Cluster List** > **Operation** column > **More** > **Terminate/Refund** (list view)\*\*.

For the pay-as-you-go (postpaid) option, you will be charged based on your actual resource usage, and no refunds are involved. The following instructions are mainly for monthly subscribed clusters.

## Self-Service Returns

After a monthly subscribed cluster is returned, it won't be charged any more once its status changes to "Isolating" or "Isolated".

When a monthly subscribed cluster is returned, it is retained in the recycle bin for 7 days, where it cannot be accessed. To restore the cluster, go to the recycle bin and renew it.

When a monthly subscribed cluster is terminated, its IP address will be released, and it becomes inaccessible.

Tencent Cloud has the right to reject the application for any suspected exceptional or malicious returns.

Certain resources purchased during promotions may not be eligible for return. You can check the latest information on the official website.

## Five-Day Free Returns

Tencent Cloud refund policy is applicable to the TDSQL-C for MySQL product. You can return your purchased TDSQL-C for MySQL clusters within 5 (inclusive) days with no questions asked.

Each account can return **one** monthly subscribed TDSQL-C for MySQL instance unconditionally **within five (inclusive) days after purchase** by default.

For clusters with billing mode switched from **Pay-as-You-Go** to **Monthly Subscription**, the five-day free returns are not supported.

Tencent Cloud has the right to reject the application for any suspected exceptional or malicious returns.

### Rules for five-day free returns

For an order eligible for 5-day free returns, the refund is **the total amount paid upon purchase**, including the amount of cash account, revenue account, and complimentary account.

**Note:**

**Discounts and vouchers are not refundable.**

All the **refund amount** will be credited into your **Tencent Cloud account**.

## Standard Returns

If you have already returned an instance unconditionally within five days after purchase, you can also return **199 monthly subscribed instances** in a self-service manner at any time in the console.

Fees for consumed resources will be deducted from the refund. The remaining amount will be returned to your Tencent Cloud account by the proportion of the cash and voucher amount paid for the purchase.

### Rules for standard returns

**Refund = currently effective order amount + ineffective order amount - used resource value**

Current orders: The amount paid for current orders, excluding discounts and vouchers.

Future orders: The amount paid for future orders, excluding vouchers.

Fees for consumed resources are calculated based on the following policies:

For the used part, if the usage has lasted at least one month as of the date of downgrade, fees will be deducted by month; otherwise, fees will be deducted in a pay-as-you-go manner.

The usage is accurate down to the second.

If the refunded amount  $\leq 0$ , it is considered 0, and resources are deleted.

**Note:**

Discounts and vouchers will not be returned.

The refund will be returned to your Tencent account by the proportion of the cash and free credit paid for the purchase.

## Relevant Documents

[Deleting Instance](#)

[Deleting Cluster](#)

# Change from Pay-as-You-Go to Monthly Subscription

Last updated : 2023-08-24 09:27:07

The billing mode of TDSQL-C for MySQL can be changed from pay-as-you-go to monthly subscription. TDSQL-C for MySQL implements this change by generating renewal orders, so please make the corresponding payment promptly to ensure the billing mode change is successful.

## Note:

Rest assured that access to your business will not be affected during the billing switch from pay-as-you-go to monthly subscription.

The change from pay-as-you-go billing to monthly subscription billing is irreversible.

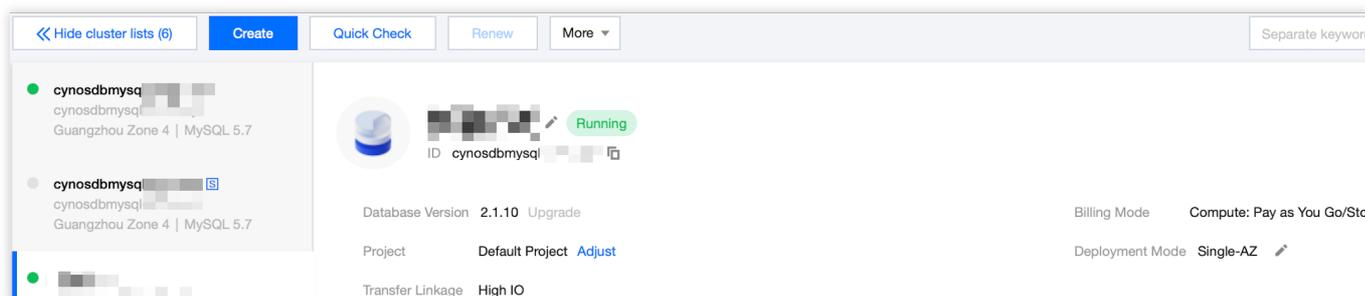
## Directions

1. Log in to the [TDSQL-C for MySQL console](#).
2. Select a region at the top and proceed according to the actually used view mode.

Tab view

List view

Click **Target Cluster** in the cluster list on the left to enter the cluster management page, and click **More > Pay-as-You-Go to Monthly Subscription**



Select the target instance in the instance list, and click **More > Pay-as-You-Go to Monthly Subscription** in the **Operation** column.

<input type="checkbox"/>	Cluster ID/Name	Cluster ...	Compatible Data... ▼	AZ	Read/Write Address	Read-Only Address	Database Proxy Address
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql-	Running	MySQL 5.7	Guangzh...	(Private) (Public) Disabled	--	--
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql-	Paused	MySQL 5.7	Guangzh...	(Private) (Public) Disabled	--	--
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql-	Running	MySQL 5.7	Guangzh...	(Private) (Public) Disabled	--	--
<input type="checkbox"/>	<b>Renew</b> cynosdbmysq	Running	MySQL 5.7	Guangzh...	(Private) (Public) Disabled	(Private) (Public) Disabled	--

3. In the pop-up window, select the renewal length, check the box to agree to the rules of the pay-as-you-go to monthly subscription billing mode change, and click **OK**.

**Note:**

You can also select **Auto-Renewal** to automate your subsequent renewals.

# Change from Pay-as-You-Go to Serverless Billing

Last updated : 2023-11-17 15:44:00

The billing mode of TDSQL-C for MySQL can be changed from pay-as-you-go to serverless. TDSQL-C for MySQL implements this change by converting the cluster type on the backend. After this change, the [bills and details](#) will also change, while the payment mode will remain as postpaid.

## Note:

During the change from pay-as-you-go billing to serverless billing, the database can be accessed normally but will experience a momentary interruption when the billing mode is changed. Therefore, we recommend you configure an automatic reconnection feature for your application.

The change from pay-as-you-go billing to serverless billing is irreversible.

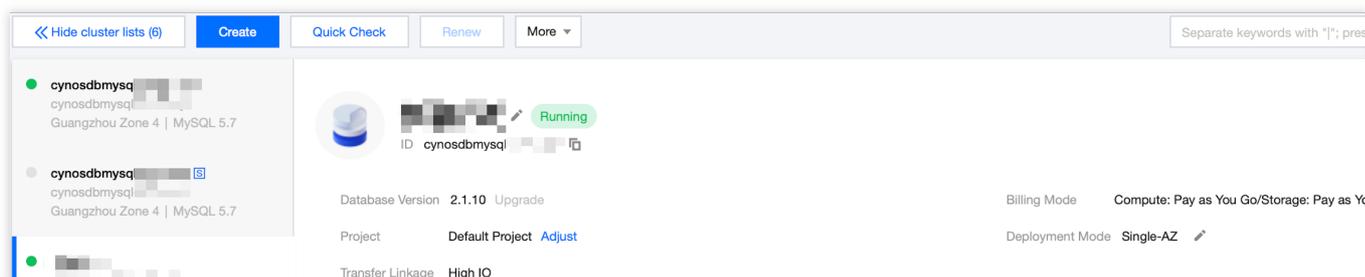
## Directions

1. Log in to the [TDSQL-C for MySQL console](#).
2. Select a region at the top and proceed according to the actually used view mode:

Tab view

List view

Click **Target Cluster** in the cluster list on the left to enter the cluster management page, and click **More > Pay-as-You-Go to Serverless**



Select the target instance in the instance list, and click **More > Pay-as-You-Go to Serverless** in the **Operation** column.

<input type="checkbox"/>	Cluster ID/Name	Cluster ...	Compatible Data...	AZ	Read/Write Address	Read-Only Address	Database Proxy Address	Billing Mo
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql	Running	MySQL 5.7	Guangzh...	(Private) :4:3306 (Public) Disabled	--	--	Compute:f Storage:Pe
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql	Paused	MySQL 5.7	Guangzh...	(Private) 17: :6:3306 (Public) Disabled	--	--	Compute:f Storage:Pe
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql	Running	MySQL 5.7	Guangzh...	(Private) 17: :1:3306 (Public) Disabled	--	--	Compute:f Storage:Pe
<input type="checkbox"/>	cynosdbmysql- cynosdbmysql	Running	MySQL 5.7	Guangzh...	(Private) 17: :1:3306 (Public) Disabled	(Private) 1: :i:3306 (Public) Disabled	--	Compute:f Subscripti Storage:M Subscripti

3. In the pop-up window, set the minimum CCU, the maximum CCU, and the auto-pause time for the target **serverless** database, check the box to agree to the rules of the pay-as-you-go to serverless billing mode change, and click **OK**.

### Pay-as-You-Go to Serverless

**i** After pay-as-you-go instances are switched to Serverless ones, they cannot be switched back.

You've selected **1** instance. [Show more](#) ▾

Compute Unit    Min  ▾    Max  ▾

Select the maximum and minimum compute unit as needed. [Learn More](#)

Auto-Pause     The database automatically pauses if it is inactive for the time period specified here, and automatically when database activity recurs. After the database is paused, the compute resources are not billed. If it is disabled, the database keeps running.

▾     ▾     ▾

Costs    **Compute Resource Costs**

I have read and agreed to [Change from Pay-as-You-Go to Serverless Billing](#)

# Value-Added Services Billing Overview

## Database Audit Billing Overview

Last updated : 2023-07-27 15:20:52

This document describes the billing of TDSQL-C for MySQL audit.

You need to pay for database audit only after it is enabled. For details, see [Enabling Audit Service](#).

Database audit is billed by the stored log size for every clock-hour, and usage duration shorter than one hour will be calculated as one hour.

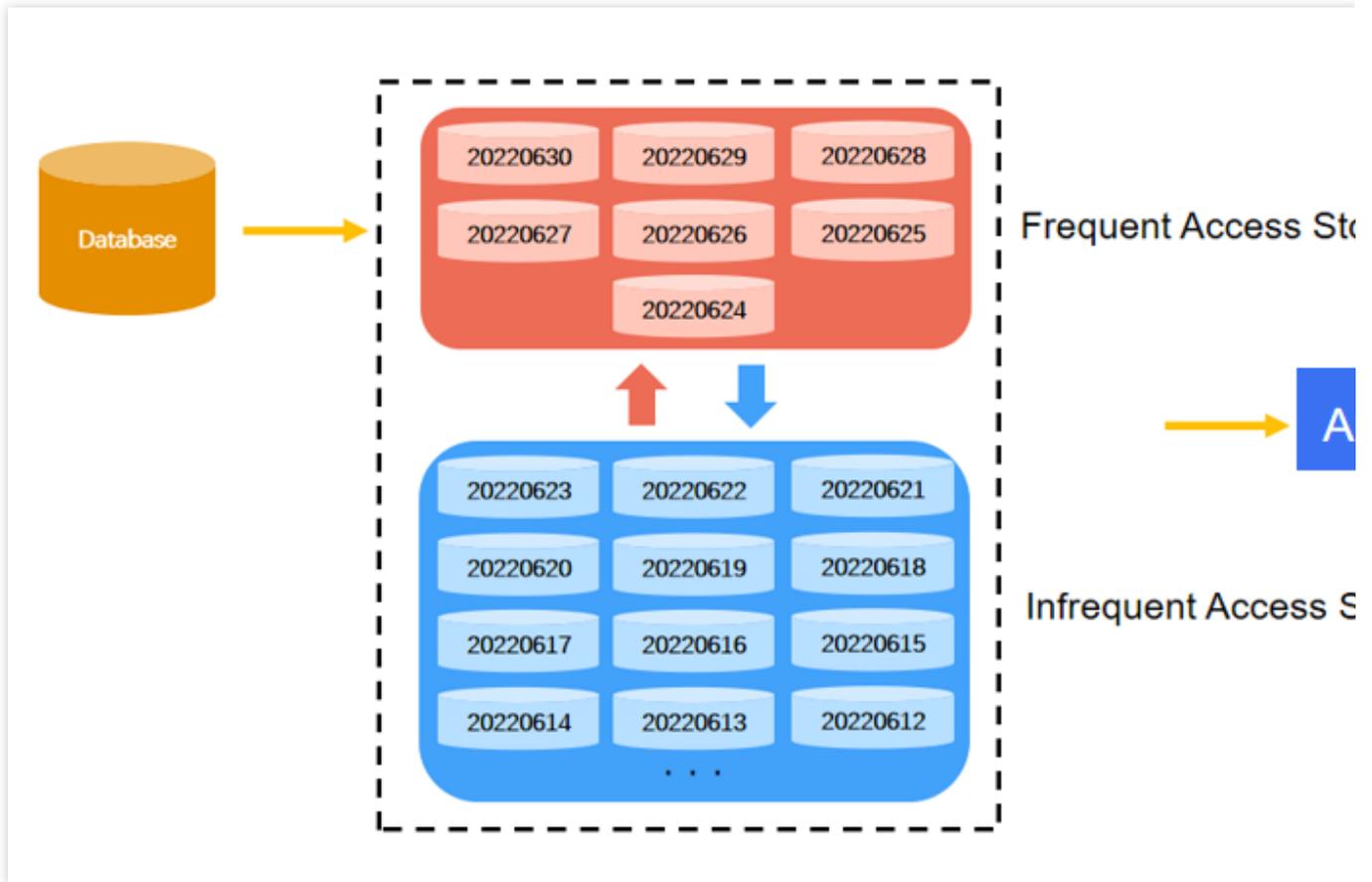
Region	Price (USD/GB/Hour)	
	Frequent Access Storage	Infrequent Access Storage
China (including finance regions, Hong Kong, Macao, and Taiwan)	0.00147059	0.00018382
Other countries and regions	0.00220588	0.00027573

## Frequent/Infrequent Access Storage

Frequent access storage represents an ultra-high-performance storage media with the best query performance. You can set the storage period, during which the audit data will be stored in the frequent access storage, but the data exceeding the period will be automatically transitioned to infrequent access storage. Different storages support the same audit capabilities with different performances.

You can set and modify the time period for frequent/infrequent access storage as needed, and the system will automatically move data between the frequent and infrequent access storage tiers based on the period, thus reducing your storage costs.

### Frequent/Infrequent storage architecture



As shown in the picture, If the data of the last 7 days is set to be stored in frequent access storage, older data will be automatically transitioned to infrequent access storage. After the frequent access storage period is extended, the audit data that falls in the period will be automatically migrated from infrequent access storage to frequent access storage.

**Performance differences between frequent and infrequent access storage**

Frequent Access Storage Throughput	Infrequent Access Storage Throughput
110,000 SQLs/second	25,000 SQLs/second

**Release**

After database audit is enabled for a pay-as-you-go/monthly subscribed TDSQL-C for MySQL cluster, when you release a cluster or a cluster is released upon expiration, its corresponding audit service will also be stopped, and the logs will be automatically deleted and cannot be recovered.

**Overdue Payments**

1. When your account balance becomes negative:

You can continue to use your database audit for 2 hours from the moment your account becomes negative. We will also continue to bill you for this period.

When your account has overdue payments for two hours, the database audit service will be automatically stopped, and the billing will stop.

2. After the service is automatically stopped:

If you top up your account to a positive balance within 24 hours after the database audit is automatically stopped, it will be resumed, and the billing will continue; otherwise, it cannot be resumed.

If your account balance remains negative after 24 hours, the logs will be deleted and cannot be recovered.

# Viewing Billing Statements

Last updated : 2023-12-12 15:21:28

You can use the Tencent Cloud console's **Billing Center** section to check your account's available balance, transaction history, expenses incurred by the use of TDSQL-C for MySQL, and replenish your account funds as needed.

The document describes how to query expense details associated with the use of the TDSQL-C for MySQL via the console.

## Directions

1. Log in to the [TDSQL-C for MySQL console](#).
2. Click on **Billing Center** under the **Billing** tab in the top-right navigation bar to open the billing center overview page.

The screenshot shows the 'Account Info' section of the Tencent Cloud console. At the top, there is a blue information banner with an 'i' icon and text: 'In order to provide you with a better experience, we will give you a certain credit limit, allowing you to spend within the credit limit for any Tencent Cloud services. We v... billing cycle. You can also make an early payment. Once the bill is paid successfully, your available credit will be restored.' Below this, the 'Outstanding Amount' is displayed with a green bar chart and the text 'USD'. To the right of the amount is an orange 'Pay Now' button. Further right are two toggle switches: 'Auto Payment' (which is turned on) and 'Monthly Expense Alert' (which is turned off). At the bottom, there is a summary row with three items: 'Due Amount' with a grey bar chart and 'USD' icon, a plus sign '+', and 'Amount Overdue' with a grey bar chart and 'USD' icon.

### Note:

On the billing center overview page, you can check the available balance, outstanding balance, and frozen amount within your account, and replenish your account funds.

3. On the left navigation bar, choose **Bills > Bill Details**.
4. At the top of the bill details page, select the inquiry time (month), select **Bill by Instance**, and choose TDSQL-C for MySQL as the product. The total fees incurred by TDSQL-C for MySQL usage will be displayed below. You may also incorporate filters, such as those corresponding to projects, regions, available zones, billing modes, transaction types, and bills.

**Bill Details** 2023-11

**Bill by Instance** Bill Details

The bill for a month is generated on the third day of the next month. The bill for the current month is not ready yet and the costs below are for reference only. Expense figures in Bill Details are accurate up to 8 decimal places. Expense figures in Bill by Instance are rounded off to 2 decimal places. Actual deduction amount will be in 2 decimal places. For more details, see User Guide of Current Bills.

TDSQL-C for MySQL TDSQL-C for MySQL All Projects All Regions All AZs All Billing Modes All transaction types

Total Cost (Including Tax) USD = Total Amount After Discount (Excluding Tax) USD - Voucher Deduction USD + Tax Amount USD

Instance ID	Instance Name	Product Name	Subproduct Name	Billing Mode	Instance Type	Transaction Type	Region	Availability
cynosdbmysq-...	cynosdbmysq-...	TDSQL-C for MySQL	TDSQL-C for MySQL	Pay-As-You-Go resources	-	Hourly settlement	Europe (Frankfurt)	Frankfurt Z

**Note:**  
To check specific details pertaining to an individual resource's bill, click on **Bill Details** under the corresponding **Operation** column.

Instance ID	Instance Name	Product Name	Total Amount After Discount (Excluding Tax)	Voucher Deduction	Amount Before Tax	Tax Rate	Tax Amount	Total Cost (Includi...	Operat
cynosdbmysq-...	cynosdbmysq-...	TDSQL-C for MySQL							<b>Bill Det</b>

To procure a local copy of your bill details, simply click the



icon on the right to initiate the download.