TencentDB for MariaDB

Purchase Guide

Product Documentation

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Purchase Guide
Billing Overview

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Billing Modes

TencentDB for MariaDB provides two billing options.

Billing Mode	Payment Mode	Application Scenario
Monthly subscription	Prepaid. Fees are paid when an instance is created.	Suitable for businesses with long term stable needs as the rates are lower than the pay-as-you-go option. Longer-term purchases results in increased savings.
Pay-as-you-go	Postpaid. You can request for resources on-demand and will be charged based on the actual usage upon settlement.	Suitable for businesses with fluctuating demands. Instances can be released immediately after use to reduce costs.

The memory prices for pay-as-you-go adopts a tiered model based on the usage duration.

Usage Duration	Tiered Price
0 hours < duration ≤ 96 hours	Tier 1 pay-as-you-go price applies
96 hours < duration ≤ 360 hours	Tier 2 pay-as-you-go price applies
Duration > 360 hours	Tier 3 pay-as-you-go price applies

Node Specifications

For nodes fees, see Pricing. The available specifications are as follows.

Configuration Type	Node CPU	Node Memory (GB)
High IO	1	2
High IO	2	4
High IO	4	8

High IO	6	16
High IO	8	32
High IO	16	64
High IO	24	96
High IO	32	128

Pricing

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Billing Formula

Total fees = Instance fees + Backup capacity fees + Traffic fees.

Instance fees = Node price x Number of nodes = (Node memory x Memory price + Node disk capacity x Disk price) x Number of nodes

Note:

The number of nodes is the sum of primary and replica instances. For example, 1 primary and 1 replica are 2 nodes, and 1 primary and 2 replicas are 3 nodes.

Billable Items

Billable Items		Description
Instance fees	Memory fees	Fees for the instance specification selected on the purchase page. Billing options include monthly subscription and pay-as-you-go.
	Storage usage fees	Fees for the disk capacity selected on the purchase page. Billing options include monthly subscription and pay-as-you-go.
Backup capacity fees		Backup and log capacity fees. Backup capacity mainly stores key logs and backup files. Log capacity stores transaction logs (binlogs), error logs, and slow logs. Users will receive 50% of the instance capacity for free to use as backup capacity. Any usage exceeding this complimentary capacity will not be charged for now.
Traffic fees		Public network traffic fees (currently free of charge).

Pricing for Monthly Subscription Single Node

Region	Disk Price (USD/GB/Month)	Memory Price (USD/GB/Month)
Guangzhou, Beijing, Shanghai, Shenzhen, Nanjing, Chengdu, Chongqing, Qingyuan	0.18	9.43
Hong Kong (China)	0.085	12.39

Japan	0.11	10.00
Virginia, Frankfurt	0.07	8.00
Toronto	0.1	13.26
Singapore	0.085	12.68

Pricing for Pay-As-You-Go Single Node

Region	Memory Price (USD/GB/Hr)			Disk Price (USD/GB/Hr)
	Tier 1	Tier 2	Tier 3	
Guangzhou, Beijing, Shanghai, Shenzhen, Nanjing, Chengdu, Chongqing,Qingyuan	0.0262	0.0196	0.0131	0.00025
Hong Kong (China)	0.0344	0.0258	0.0172	0.00011806
Virginia,Frankfurt	0.0222	0.0167	0.0111	0.00009722
Toronto	0.0368	0.0276	0.0184	0.00013889
Japan	0.0278	0.0208	0.0139	0.00015278
Singapore	0.0352	0.0264	0.0176	0.00011806

Billing Examples

Monthly subscription: suppose a user purchases 1 monthly subscription TencentDB for MariaDB with 2 nodes (1 primary and 1 replica) in the Guangzhou region for 1 month, and each node has 2 GB memory and 500 GB disk capacity.

The fees to be paid are calculated as follows:

Instance fees = (Node memory x Memory price + Node disk capacity x Disk price) x Number of nodes=(2 GB × 9.43 USD/GB/month + 500 GB x 0.18 USD/GB/month) x 2 nodes x 1 month = 217.72 USD

Pay-as-you-go: suppose a user purchases 1 pay-as-you-go TencentDB for MariaDB with 2 nodes (1 primary and 1 replica) in the Beijing region for 400 hours, and each node has 2 GB memory and 500 GB disk capacity.

The fees to be paid are calculated as follows:

Tier 1 fee: (2 GB x 0.0262 USD/GB/hr + 500 GB x 0.00025 USD/GB/hr) x 2 nodes x 96 hours = 34.061 USD

Tier 2 fee: (2 GB x 0.0196 USD/GB/hr + 500 GB x 0.00025 USD/GB/hr) x 2 nodes x 264 hours = 86.698 USD

Tier 3 fee: (2 GB x 0.0131 USD/GB/hr + 500 GB x 0.00025 USD/GB/hr) x 2 nodes x 40 hours = 12.096 USD

Instance fees = Tier 1 fee + Tier 2 fee + Tier 3 fee = 132.855 USD

Refund

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Pay-as-you-go instances can be returned, but there will be no refunds.

You can return pay-as-you-go instances on the instance list page in the TencentDB for MariaDB Console.

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.

Pay-as-You-Go TencentDB Instance

Note:

After you stop using pay-as-you-go resources, **terminate them as soon as possible** to avoid further fee incursion. 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 on the 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 which are configured in message subscription in the Message Center.

Arrears policy

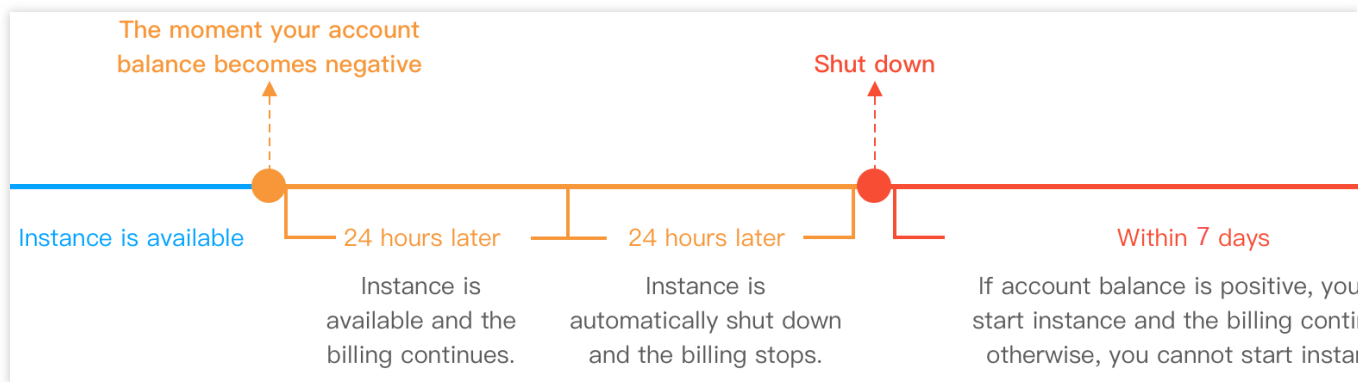1. **From the moment your account balance becomes negative:**
You can continue to use your TencentDB instance for 24 hours from the moment your account balance becomes negative. We will continue to bill you for this period.
When your account has been in arrears for 24 hours, **your TencentDB instance will automatically shut down**, and billing will stop.
2. **After automatic shutdown:**
Within 7 days after automatic shutdown, if your account is not topped up to a positive balance, you will not be able to start your TencentDB instance; if your balance is positive, the billing continues, and you can start your instance.
If the balance remains negative for 7 days after shutdown, the TencentDB instance will be repossessed. All data will be erased and cannot be recovered. Tencent Cloud account creator, global resource collaborators, and financial collaborators will be notified via email, SMS, etc.

The moment your account
balance becomes negative

Shut down

Instance is available

24 hours later

24 hours later

Within 7 days

Instance is
available and the
billing continues.

Instance is
automatically shut down
and the billing stops.

If account balance is positive, you
start instance and the billing conti
otherwise, you cannot start insta

Upgrade Pricing

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Instance upgrade refers to the process in which an existing TencentDB instance is upgraded to higher specifications. During upgrade, the service will be interrupted for just a few seconds, so you are recommended to upgrade your instance during off-peak hours.

The upgrade process cannot be interrupted.

Currently, you cannot downgrade an instance in the console. If needed, please submit a ticket.

Upgrade fee = (price of target specification - price of original specification) x remaining validity period

1. Log in to the TencentDB for MariaDB Console. In the instance list, select an instance and click **More** > **Adjust Configurations** in the "Operation" column.

2. In the dialog box that pops up, select the desired specification based on your needs and make the payment. Once payment is successful, the system will automatically upgrade the instance specification.

Backup Space Billing

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The backup space is used to store the backup files of all TencentDB for MariaDB instances in a region, including data backups (cold backups) and log backups (binlog backups).

Note:

Backup space billing will start on March 1, 2023.

Free Backup Space

TencentDB for MariaDB offers a free backup space the same size as the storage capacity of the purchased instance by region.

The free backup space in a region equals to the sum of single-node storage spaces of all purchased instances in the region.

Note:

The free backup space is offered for both primary and disaster recovery instances.

You can view the size of an instance's backup space on the backup page in the TencentDB for MariaDB console.

Backup Billing

A certain free tier is available for the backup space, and only the excessive backup space is billed.

Note:

Billable space of less than 1 GB is not billed, and a billable time period of less than one hour is counted as one hour.

You can view the size of the excessive backup space on the backup page in the TencentDB for MariaDB console.

Region	Price (USD/GB/Hour)
Chinese mainland	0.000113
Other regions	0.000127

Backup Lifecycle

The lifecycle of a backup is the same as that of an instance as described in Payment Overdue.

Monthly subscribed instance

The backup feature can be used normally **within seven days** after an instance expires, during which backups beyond the free tier will still be billed.

From the eighth day after expiration, the instance is isolated and moved into the recycle bin. At this time, automatic backup stops, and rollback and manual backup are prohibited, but backups can still be downloaded. Excessive backup space will still be billed until the instance is eliminated. You can renew the instance in the recycle bin in the console to recover it.

After seven days since the instance has been isolated in the recycle bin, the instance is eliminated (i.e., deleted completely) along with all data backups. Save the needed backups in a timely manner.

Note:

If the monthly subscribed instance has not expired but your account has overdue payments, the backup feature can still be used normally, and automatic backup continues, where excessive backup space is still billed.

If you need to perform rollback, manual backup, or backup download, top up your account to a positive balance.

Pay-as-you-go instance

Backups are subject to change over the instance lifecycle.

Backups can work normally **within 24 hours** after the instance payment becomes overdue.

After 24 hours since the instance payment has been overdue, the instance is isolated and moved into the recycle bin. At this time, automatic backup stops, and rollback and manual backup are prohibited, but backups can still be downloaded. Excessive backup space will still be billed until the instance is eliminated. You can renew the instance in the recycle bin in the console to recover it.

After seven days since the instance has been isolated in the recycle bin, the instance is eliminated (i.e., deleted completely) along with all data backups. Save the needed backups in a timely manner.

Backup Optimization

Reduce the backup retention period: The instance retains backups of the last seven days by default, and you can manually reduce the number of backup retention days to save the backup space.

Log in to the TencentDB for MariaDB console, select **Instance Details** > **Backup and Restoration**, and adjust the backup retention period, which can be 1–365 days.

Adjust the backup execution time: Specify a time (usually during off-peak hours) for backup execution, which will improve the backup efficiency. Log in to the TencentDB for MariaDB console, select **Instance Details** > **Backup and Restoration**, and adjust the backup execution time.

Note:

Currently, TencentDB for MariaDB backups are automatic backups and cannot be manually deleted.

The backup retention period is seven days by default, which can basically meet the needs in most business scenarios.