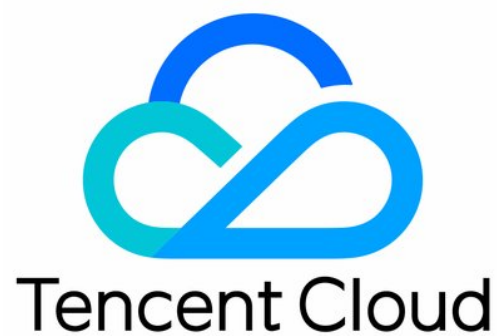


# **TencentDB for MongoDB**

## **Purchase Guide**

### **Product Documentation**



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# Purchase Guide

## Billing Overview

Last updated : 2019-08-12 11:10:02

### Billing Details

TencentDB for MongoDB is pay-as-you-go.

- Pay-as-you-go is a postpaid billing method suitable for businesses with fluctuating demands. You only pay for what you use with no upfront payment required. For more information, see [Pay As You Go Billing](#).

### Computing

The computing resources include CPU and memory resources, which determine the parameters such as the maximum QPS and access connections of an instance. For specifications supported by TencentDB for MongoDB, see [Purchasing and Initializing an Instance](#) in Getting Started. For more information on prices, see [TencentDB for MongoDB Pricing](#).

### Storage

Tencent Cloud provides flexible, affordable and easy-to-use data storage devices for TencentDB for MongoDB instances. See [TencentDB for MongoDB Pricing](#) for pricing information.

# Shard Pricing

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The following is TencentDB for MongoDB sharded instances billing formula. **Total price of an instance=Number of shards x Number of nodes in each shard x Price of one node.**

Billing is pay-as-you-go, which is a postpay billing method. When you create a document database, we will freeze the hardware cost of one hour in your Tencent Cloud account and charge the usage fee on the dot of each hour (Beijing time). The billing time is accurate down to the second. With the pay-as-you-go billing method, you only need to pay for what you use, and no upfront payment is required.

Pay-as-you-go pricing includes 3 pricing tiers. The first tier is the initial purchase price. After a certain period of consistent usage, the price will drop to the third tier, which is almost half the price of the first tier.

Prices for varying regions in USD are as follows.

Price for per GB Memory per Node (USD/month)	Region	Note
0.02005	Frankfurt	Third tier price
0.01875	Sillicon Valley	Third tier price
0.01875	Singapore	Third tier price
0.02084	Virginia	Third tier price
0.0275	Tokyo	Third tier price

Price for per GB Disk per Node (USD/month)	Region
0.00041667	Frankfurt
0.00045834	Sillicon Valley
0.00055556	Singapore
0.00041667	Virginia
0.00041667	Tokyo

# Purchase Method

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Log in to the [Tencent Cloud official website](#), select MongoDB from the product menu as shown below and access [MongoDB Overview](#) page.

Click **Get Started** and enter [product purchase page](#).

Below are detailed descriptions of main settings on the purchase page.

## Billing Method and Region

### Billing Method

TencentDB for MongoDB is pay-as-you-go, making it very suitable for businesses with needs that can fluctuate instantaneously or unpredictable sales volume. This billing method is also recommended for users with temporary and sudden resource requirements. Pay-as-you-go is a postpay billing method. When you create a document database, we will freeze the hardware cost of one hour in your Tencent Cloud account and charge the usage fee on the dot of each hour (Beijing time). The billing time is accurate down to the second. With the pay-as-you-go billing method, you only need to pay for what you use, and no upfront payment is required.

### Region

Tencent Cloud managed data centers are distributed globally, spanning 4 regions in China (South China, East China, North China, and Southwest China), and more than 6 regions across the globe (Southeast Asia, Asia Pacific, Western U.S., Eastern U.S., North America, Europe, etc.). We are deploying more nodes to achieve higher global coverage. Available Regions include Guangzhou, Shanghai, Beijing, Chengdu, Chongqing, Hong Kong, Singapore, Seoul, Mumbai, Bangkok, Silicon Valley, Toronto, Virginia, Frankfurt, and Moscow. Available finance zones include Shenzhen Finance and Shanghai Finance.

Notes:

- While cloud products deployed within the same region can communicate with each other over the private network, the private networks for the resources in different accounts are completely isolated from each other.
- Cloud products in different regions cannot communicate with each other over a private network.
- Because each region is independent, cross-region access to Tencent Cloud resources is not supported through private networks.
- When you purchase Tencent Cloud resources, we recommend you select a region closest to your customers to minimize connection latency.

### Availability Zones

Availability Zones refer to Tencent Cloud physical IDCs with independent power facilities and networks within a same region. Availability Zones are designed to prevent single point failures (except for large-scale natural disasters or major power failures) from affecting other Availability Zones in the same region to ensure your business availability. Availability Zones in the same Region are connected via low-latency private networks.

## Basic Configurations

The basic configuration includes the configuration of server type, database version, storage engine, instance type, number of shard nodes, computing resource specification, and storage capacity. See below for details.

### Configuration Types

Two types of models are available: High IO and High IO (10 GB).

### Version

The versions 3.2 and 3.6 are currently available.

### Engine

TencentDB for MongoDB supports two storage engines: WiredTiger and Rocks.

### Instance type and number of nodes

Instance types include replica set and sharded instances. For replica set instances, the "1 Master and 2 Slaves" architecture is configured by default. For sharded clusters, you can select the number of shards and the number of nodes in each shard as needed. Each shard has "1 Master and 2 Slaves" by default. To improve data availability, you can increase the number of nodes in each shard. To increase the storage capacity of the cluster, you can increase the number of shards.

### Specification

The table below shows the available computation specifications for each node:

CPU	MEM
1 core	2 GB
2 cores	4 GB
4 cores	8GB
6 cores	16GB
12 cores	32GB

CPU	MEM
24 cores	64GB
24 cores	128GB
32 cores	240GB

### Capacity

You can select storage specifications according to computation specifications. The storage space of Oplog is 10% of the configured storage capacity by default, you can adjust the percentage in Tencent Cloud Console.

### Network and Project

#### Network type

VPC networks and basic networks are supported. If you select a basic network, only devices in the basic network can access the database instances you created. If you select a VPC network, only devices in the current subnet can access the database instances you created.

#### Project

You can select a project based on your business needs.

#### Purchase Quantity

Each user can purchase up to 30 pay-as-you-go instances in all regions.



# Purchase Instance

Last updated : 2019-08-12 11:13:54

1. Log in to the [Tencent Cloud Console](#). Select **Products** -> **TencentDB for MongoDB** to go to the TencentDB for MongoDB console. Or you can directly log in to the [TencentDB for MongoDB console](#).
2. On the **Replica Set Instance** page, click **Create** and you will see the TencentDB for MongoDB purchase page.

The screenshot shows the Tencent Cloud Console interface for managing MongoDB instances. The left sidebar shows the navigation menu with 'Replica Set Instance' selected. The main content area is titled 'TencentDB for MongoDB - Replica Set Instance' and features a grid of region selection buttons (Guangzhou(2), Shenzhen Finance(0), Shanghai(1), Shanghai Finance(0), Beijing(0), Chengdu(0), Toronto(0), Silicon Valley(0), Frankfurt(0), Seoul(0), Mumbai(0), Virginia(0), Bangkok(0)). Below the regions are action buttons: 'Create Instance' (highlighted with a red box), 'Renew', 'Restart', and 'More'. A table lists existing instances:

Instance ID	Status	Configuration	Version	Private IP	Billing Mode	Used/Total
cmgo-ph16l5k1	Password to be initialized	High IO 2GB/80GB Basic Network	3.2 WiredT...	10.66.200.132:27017	Pay as you go	325MB/80GB
cmgo-2yk15wq1	Running	High IO (10 GB) 4GB/250GB Basic Network	3.2 WiredT...	10.66.202.141:27017	Pay as you go	323MB/250GB

Total 2 items

3. Configure the following information, and click **Buy Now** after you confirm all the information is correct.

- Billing Mode: Pay-as-you-go. [Identity Verification](#) is required for the purchase of pay-as-you-go instances.
- Region and Availability Zone: For more information, see [Regions and Availability Zones](#).
- Network Type: Basic network and VPC.
- Select an instance specification and hardware capacity.
- Select a project to which the database instance belongs. Default is **Default Project**.

- Select Purchase Quantity and Usage Period.

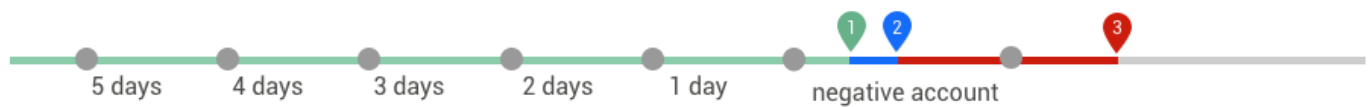
# Arrears

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## Arrears Reminder

### Arrears Reminder

Estimated days before account turns negative



### Balance Reminder

#### Balance Reminder

We will estimate the number of days it takes your account balance to become negative based on the past 24 hours usage and current balance. If it's less than 5 days, we will send you a reminder message. The reminder message will be sent to the Tencent Cloud account creator and all the collaborators via email and SMS.

#### Arrears Reminder

For pay-as-you-go resources, fees are deducted on the hour. When your account balance is in negative (Point 1 in the figure above), we will notify the Tencent Cloud account creator and all the collaborators via email and SMS.

#### Arrears Processing

- The database will remain available for **2** hours from the moment your account becomes negative. We will also continue to bill you for this period.
- When your account is in arrears for 2 hours (Point 2 in the figure above), the database instance will automatically shut down. We will also stop billing you for service.
- Within 24 hours after the shutdown, if your account is not topped up to a positive balance, your database instance remain unavailable. If your balance is positive, the billing continues, and the instance will be restarted.

- If your account remains negative for 24 hours after shutdown, (Point 3 in the figure above), the database will be repossessed, and all data will be deleted and cannot be recovered. We will notify the Tencent Cloud account creator and all the collaborators via email and SMS when the database is repossessed.

- When you do not use pay-as-you-go resources any longer, **terminate them as soon as possible** to avoid further fee deduction.
- After the database is terminated or repossessed, the data will be deleted and cannot be recovered.
- Since your actual resource consumption changes from time to time, some deviation may exist for the stated balance.