

TencentDB for PostgreSQL

Purchase Guide

Product Documentation



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Purchase Guide

Pricing

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Billing Mode

TencentDB for PostgreSQL offers the following two billing modes:

Billing Mode	Payment Method	Use Case
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 pay-as-you-go tiered pricing model is based on usage duration.

Usage Duration	Tiered Price
0 hours < duration ≤ 96 hours	Tier 1 rate applies
96 hours < duration ≤ 360 hours	Tier rate applies
Duration > 360 hours	Tier 3 rate applies

Instance Price

Billing formula

Total fee = Memory fee + Disk fee

Pay-as-you-go price

Memory price

Tier	Guangzhou, Shanghai, Beijing Nanjing, Tianjin,	Hong Kong (China) (USD/GB/hr)	Silicon Valley, Virginia, Frankfurt (USD/GB/hr)	Moscow, Seoul, Bangkok (USD/GB/hr)	Singapore (USD/GB/hr)

	Shenzhen, Chengdu (USD/GB/hr)				
Tier 1	0.052	0.069	0.055	0.056	0.07
Tier 2	0.039	0.052	0.041	0.042	0.053
Tier 3	0.026	0.034	0.028	0.028	0.035

Note :

If a pay-as-you-go instance configuration is adjusted, it will be start charging from the tier-1 price again.

Disk price

Region	Price (USD/GB/hr)
Guangzhou, Shanghai, Beijing, Nanjing, Tianjin, Shenzhen, Chengdu	0.0005
Silicon Valley, Virginia	0.00019
Frankfurt	0.00028
Moscow	0.00031
Bangkok	0.00024
Seoul, Singapore, Hong Kong (China)	0.00024

Value-Added Services

- **Backup and log capacity:** you will receive 50% of the instance capacity for free to use as backup and log capacity. Any usage exceeding this complimentary capacity is currently free as well.
- **Public network traffic:** this is the traffic sent from the TencentDB instance to the client over a public network, which is currently free.

Billing Example

Pay-as-you-go billing example: suppose you purchase a pay-as-you-go TencentDB for PostgreSQL instance with 32 GB memory and 500 GB disk capacity in the Singapore region and you use this instance for 400 hours.

The fees are calculated as follows:

Tier 1 fee: $(32 \text{ GB} \times 0.07 \text{ USD/GB/hr} + 500 \text{ GB} \times 0.00024 \text{ USD/GB/hr}) \times 96 \text{ hours} = 226.56 \text{ USD}$

Tier 2 fee: $(32 \text{ GB} \times 0.053 \text{ USD/GB/hr} + 500 \text{ GB} \times 0.00024 \text{ USD/GB/hr}) \times 264 \text{ hours} = 479.556 \text{ USD}$

Tier 3 fee: $(32 \text{ GB} \times 0.035 \text{ USD/GB/hr} + 500 \text{ GB} \times 0.00024 \text{ USD/GB/hr}) \times 40 \text{ hours} = 49.6 \text{ USD}$

Your instance fees = Tier 1 fee + Tier 2 fee + Tier 3 fee = 755.716 USD

Purchasing Instances

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Operation Scenarios

This document describes how to create a database instance in the TencentDB for PostgreSQL Console.

Prerequisites

You have already [signed up for a Tencent Cloud account](#).

Directions

1. Log in to the [TencentDB for PostgreSQL Console](#) and click **Create** in the instance list.
2. Specify the information of the database instance as needed.
 - **Billing Mode**: pay-as-you-go billing based on actual usage is supported.
 - **Region**: this is the region where the instance is actually deployed. You are recommended to choose the same region as the CVM instance to connect to in order to minimize delay.
 - **AZ**: this is a physical IDC that has independent power supply and network. You are recommended to choose the same AZ as the CVM instance to connect to in order to minimize delay.
 - **Network Type**: this is the network in which the instance resides. This cannot be changed once specified. You are recommended to choose the same network as the CVM instance to connect to in order to minimize delay.
- **Database Kernel Version**: the features available vary by PostgreSQL database kernel version. For more information, please see official instructions on PostgreSQL [v9.3.5](#), [v9.5.4](#), [v10.4](#), and [v11.8](#).
 - **Instance Specification**: instance performance and base price depend on its specification.
 - **Disk**: an SSD disk (local disk) is used by default.
 - **Project**: if you want different databases to be managed by different teams, you can specify the projects under different teams for the databases.
 - **Maximum Purchase Quantity**: this is the number of instances that can be purchased at a time. To prevent faulty operations, an upper limit of 10 has been set. If you need more

instances, you can purchase multiple times.

3. After confirming that everything is correct, click **Buy Now**.
4. After purchase, you will be redirected to the payment page. After making the payment, you can view the instance just purchased in the instance list.

Upgrading Instances

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Upgrading an Instance

An 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-hours. Once an upgrade starts, it cannot be interrupted. Currently, the degrade operation is not supported in the console. If you need to degrade an instance, please [submit a ticket](#).

1. Log in to the [TencentDB for PostgreSQL Console](#), select the desired instance in the instance list, and click **Upgrade** in the "Operation" column.
2. In the pop-up window, select the desired specification and make the payment. Once the payment is completed, the system will automatically upgrade the instance specification.
3. After successful upgrade, the instance will be billed based on the new specification automatically.

Notes on Arrears

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Balance Reminder

We will estimate the number of days it takes your account balance to become negative based on the usage in the past 24 hours and current balance. If it is less than five days, we will send a reminder to your 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, we will notify the Tencent Cloud account creator and all the collaborators via email and SMS.

Arrears Processing

Starting from the moment your account becomes negative:

- You can continue to use your database 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, **your database instance will automatically shut down. We will also stop billing you for service.**

After automatic shutdown:

- Within 24 hours after automatic shutdown, if your account is not topped up to a positive balance, you will not be able to start your database; If your balance is positive, the billing continues, and you can start your database.
- If your account remains negative for 24 hours after shutdown, 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.

