

Database Security Service (DBSS)

Billing

Issue 01
Date 2024-05-22



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1 Billing Overview

- **Billing Mode**

DBSS provides the yearly/monthly billing mode to meet your requirements. Yearly/Monthly: You pay upfront for the amount of time you expect to use the service for. You will need to make sure you have a top-up account with a sufficient balance or have a valid payment method configured first.
- **Billed Item**

DBSS is billed by the database audit instance specifications. For details about the billing factors and formulas for each billed item, see [Billing Items](#).
For more information about the billing samples and the billing for each item, see [Billing Example](#).
- **Renewing Subscriptions**

If you want to continue using a DBSS instance after it expires, you need to renew the DBSS subscription within the specified period. Otherwise, the DBSS instance will be automatically released, and data may be lost. You can renew your subscription manually or automatically. For details, see [Overview](#).
- **Viewing Bills**

You can choose **Billing Center** > **Billing** to check the DBSS transactions and bills. For details, see [Bills](#).
- **Arrears**

If there is not a sufficient account balance to pay for your bill and there is no other payment method configured, your account will go into arrears. If you want to continue using your cloud services, you will need to top up your account in a timely manner. For details, see [Arrears](#).
- **Stopping Billing**

If you no longer need to use your cloud service, you can unsubscribe from or delete it to stop the billing. For details, see [Billing Termination](#).
- **Managing Costs**

DBSS costs include resource costs and O&M costs. You can optimize costs through cost collection, resource optimization, upgrade, thrift, and automatic O&M. For details, see [Cost Management](#).

2 Billing Mode

2.1 Overview

Yearly/Monthly is a prepaid billing. You pay in advance for a subscription term, and in exchange, you get a discounted rate. The longer the subscription term, the bigger the discount. Yearly/Monthly billing is a good option for long-term, stable services.

[Table 2-1](#) lists the billing mode details.

Table 2-1 Billing mode

Billing Mode	Yearly/Monthly
Payment	Prepaid Billed by the subscription term you purchase
Billing Period	Billed by the subscription term you purchase
Billed Items	Database Audit
Billing for Stopped DBSS Instances	Billed by the subscription term you purchase
Changing the Billing Mode	Not available at present.
Changing the Specifications	Supported
Application Scenarios	A cost-effective option for scenarios where the resource usage duration is predictable. Recommended for resources expected to be in long-term use.

2.2 Yearly/Monthly Billing

Application Scenarios

If you want to ensure resource stability over a certain period of time, yearly/monthly billing is a good choice for the following types of workloads:

- Long-term workloads with stable resource requirements, such as official websites, online malls, and blogs.
- Long-term projects, such as scientific research projects and large-scale events.
- Workloads with predictable traffic bursts, for example, e-commerce promotions or festivals.
- Workloads with high data security requirements

Billed Items

You are billed for the following items on a yearly/monthly basis.

Table 2-2 Items billed on a yearly/monthly basis

Billed Item	Description
Database Audit	Edition of database audit. Currently, the basic, professional, and advanced editions are available.

If you want to purchase the database audit service of the basic edition for one month, the prices will be displayed as follows:

Billed Usage Period

A yearly/monthly DBSS is billed for the subscription duration. The billing starts when you activated or renewed the subscription (accurate to seconds), and ends at 23:59:59 of the expiry date.

For example, if you purchased a one-month DBSS subscription on March 08, 2023, 15:50:04, the billed usage period is from March 08, 2023, 15:50:04 to April 08, 2023, 23:59:59.

Billing Example

Suppose you purchased a one-month DBSS (basic edition) subscription on June 30, 2023, 15:50:04, and renewed the subscription for one more month before the initial subscription expired. That would include two usage periods:

- Billed usage period 1: June 30, 2023, 15:50:04 to July 30, 2023, 23:59:59.
- Billed usage period 2: July 30, 2023, 23:59:59 to August 30, 2023, 23:59:59.

You will be billed for both usage periods. DBSS resources are billed individually as follows:

Table 2-3 Formula

Resource	Formula	Unit Price
Edition	Unit price of edition specifications x Purchase duration	For details, see "Specification Price" in DBSS Pricing Details .

NOTICE

The actual calculation is subject to the price in the [DBSS Pricing Details](#).

Price Change After Specification Change

If the specifications of a yearly/monthly DBSS instance no longer meet your needs, you can change the specifications on the console. The system will recalculate the price and either bill or refund you the difference.

- If you upgrade your DBSS specifications, you need to pay the difference in price.
- Currently, you cannot reduce your resource configurations.

Here's an example of upgrading resources without any discounts: Suppose you purchased a one-month database audit instance of the basic edition on July 1, 2023, and upgraded the specifications to the professional edition on July 18, 2023. The price of the original specifications was ¥3,000/month, and that for the new specifications was ¥6,000/month. The price difference will be calculated as follows:

Price difference for the specification upgrade = Price for the new specifications × Remaining period - Price for the original specifications × Remaining period

In this example, Remaining period = 13 (Remaining days in July)/31 (Maximum number of days in July) = 0.419. **Cost of upgrade** = 6000 × 0.419 – 3000 × 0.419 = ¥1257

Impacts of Expiration

After a DBSS instance is purchased, it enters the valid period and runs normally during this period. If the DBSS instance is not renewed after it expires, before being deleted, it first enters a grace period and then a retention period.

Expiration Reminder

The system will send you a reminder (by email, SMS, or in-app message) 7 days before a yearly/monthly DBSS expires to remind you to renew the subscription.

Impacts of Expiration

If your yearly/monthly DBSS is not renewed after it expires, it changes to the **Expired** state and enters a grace period. You can use DBSS during the grace period.

If the yearly/monthly DBSS instance is not renewed after the grace period ends, its status turns to **Frozen** and it enters a retention period. You cannot perform any operations on the resource while it is in the retention period.

If the yearly/monthly DBSS is not renewed by the time the retention period ends, the database audit instance will be released and data cannot be restored.

 **NOTE**

- For details about renewal, see [Overview](#).

3 Billing Items

Billing

You will be billed for the database audit instance specifications. For details, see [Table 3-1](#).

 **NOTE**

The billed items marked with asterisks (*) are mandatory.

Table 3-1 DBSS billing items

Billing Item	Description	Billing Mode	Formula
* Specification	Billing factor: The number of managed databases, throughput rate, and input rate vary depending on the instance specifications.	Yearly/Monthly	Unit price of the instance specifications x Required duration For details, see "Specification Price" in DBSS Pricing Details .

Billing Example

Suppose you purchased a one-month DBSS (basic edition) subscription on June 30, 2023, 15:50:04, and renewed the subscription for one more month before the initial subscription expired. That would include two usage periods:

- Billed usage period 1: June 30, 2023, 15:50:04 to July 30, 2023, 23:59:59.
- Billed usage period 2: July 30, 2023, 23:59:59 to August 30, 2023, 23:59:59.

NOTICE

The prices in the figure are only for reference. For details, see [DBSS Pricing Details](#).

4 Billing Example

Billing Scenario

A user purchased a yearly/monthly database audit instance at 15:30:00 on July 1, 2023. The specifications are as follows:

- Specifications: basic edition

After a period of time, the user found that the current DBSS specifications no longer met service requirements and updated the specifications to the professional edition at 9:00:00 on July 20, 2023. Since the user wanted to use the DBSS long term, the user then renewed the DBSS for one more month at 9:00:00 on the same day. So how much will the user be billed for this DBSS in July to August?

Billing Analysis

Database audit of the basic edition: July 01, 2023, 15:30:00 to July 20, 2023, 08:59:59. Database audit of the professional edition: July 20, 2023, 09:00:00 to August 31, 2023, 23:59:59.

Yearly/Monthly

From July 01, 2023, 15:30:00 to July 20, 2023, 08:59:59, database audit of the basic edition was used for 20 days, so the price would be calculated as follows:

From July to August, the total price of this DBSS instance is ¥10,064.63 (¥1,935.6 + ¥8,129.03).

5 Renewing Subscriptions

5.1 Overview

When to Renew Subscriptions

If a yearly/monthly DBSS instance is about to expire but you want to continue using it, you need to renew the database audit instance subscription within a specified period, or the instance will be released and data will be lost and cannot be restored

Only yearly/monthly DBSS subscriptions can be renewed.

If you renew the DBSS before it expires, resources will be retained and you can continue using the DBSS. For details about ECS statuses after they have expired and the associated impacts, see [Impacts of Expiration](#).

How to Renew Subscriptions

You can renew a yearly/monthly DBSS instance manually or automatically

Table 5-1 Renewing a yearly/monthly DBSS instance

Method	Description
Manually Renewing DBSS	You can renew DBSS on the console any time before it is automatically deleted.
Auto-renewing DBSS	You can enable auto-renewal to automatically renew DBSS before it expires. This prevents resources from being deleted in case you forget to renew a subscription.

You can select a method to renew DBSS subscription based on the phase the DBSS instance is currently in.

- A DBSS instance is in the **Running** state after it is provisioned.
- When a DBSS subscription expires, the resource status will change from **Running to Expired**.
- If expired DBSS is not renewed, it enters a grace period. If it is not renewed by the time the grace period expires, DBSS will be frozen and enter a retention period.
- If you do not renew the subscription within the retention period, your resources will be automatically deleted.


You can enable auto-renewal any time before DBSS expires. By default, the system will make the first attempt to charge your account for the renewal at 03:00, seven days before the expiry date. If this attempt fails, it will make another attempt at 03:00 every day until the subscription is renewed or expires. You can change the auto-payment date for renewal as required.

5.2 Manually Renewing DBSS

You can renew DBSS on the console any time before it is automatically deleted.

Renewing a Subscription on the Console

Step 1 Log in to the management console.

Step 2 Click  in the navigation tree on the left and choose **Security & Compliance > Database Security Service**.

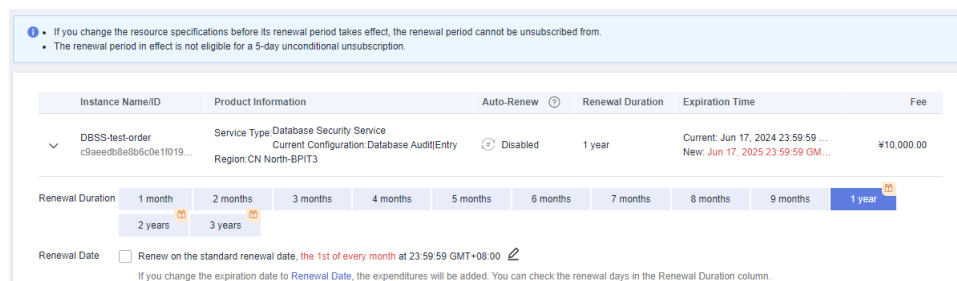
Step 3 In the navigation tree on the left, choose **Instances**.

Step 4 In the **Operation** column of the instance to be renewed, click **Renew**.

Step 5 On the **Renew** page, confirm the information and click **Yes**.

Step 6 Select a renewal duration and optionally select **Renew on the standard renewal date**. Confirm the price and click **Pay**.

Figure 5-1 Confirming renewal



Step 7 Select a payment method and make your payment. Once the order is paid for, the renewal is complete.

----End

Renewing a Subscription in Billing Center

Step 1 Log in to the management console.

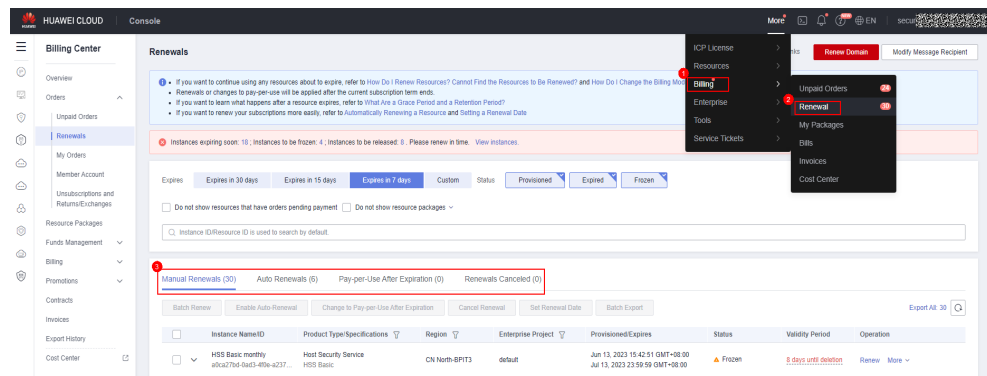
Step 2 Hover over **Billing & Costs** in the upper part of the console and choose **Renewal** from the drop-down list.

The **Renewals** page is displayed.

Step 3 Select the search criteria.

On the **Manual Renewals**, **Auto Renewals**, **Pay-per-Use After Expiration**, and **Renewals Canceled** tabs, you can check the resources to be renewed.

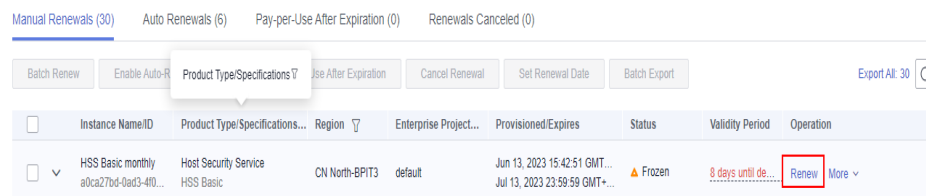
Figure 5-2 Renewal management



Step 4 Manually renew resources.

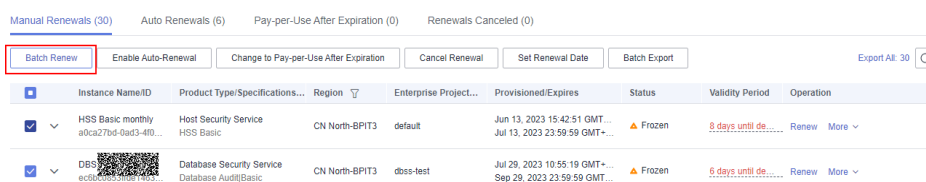
- Individual renewal: Click **Renew** in the **Operation** column for the desired resource.

Figure 5-3 Individual renewal



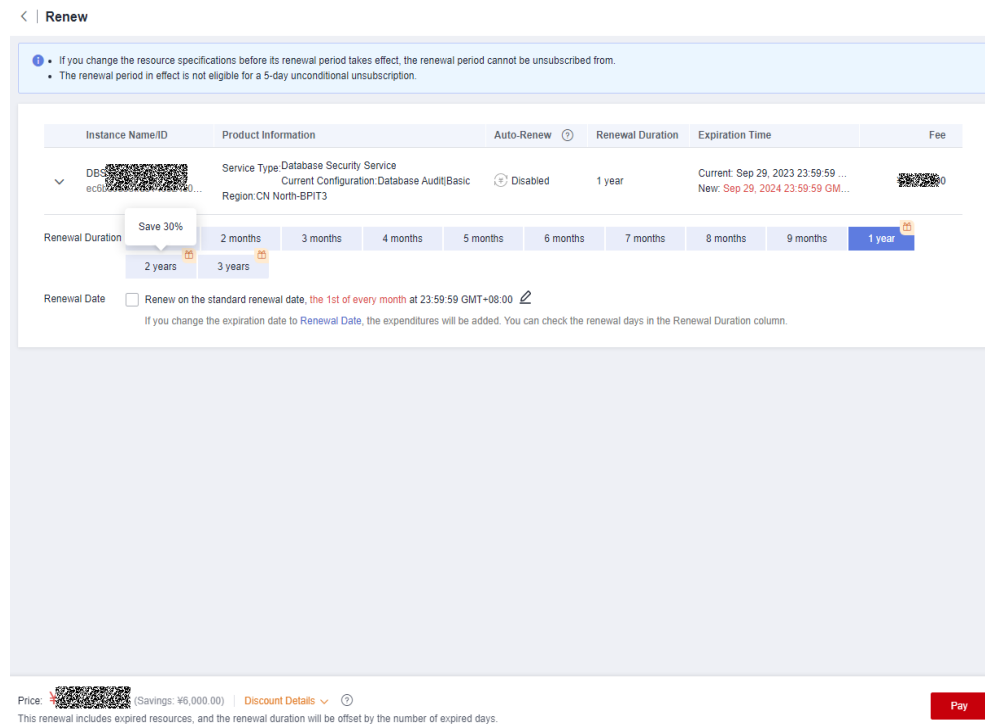
- Batch renewal: Check the boxes for the desired resources, and click **Batch Renew** in the upper left corner.

Figure 5-4 Batch renewal



Step 5 Select a renewal duration and optionally select **Renew on the standard renewal date**. Confirm the price and click **Pay**.

Figure 5-5 Confirming renewal



Step 6 Select a payment method and make your payment. Once the order is paid for, the renewal is complete.

----End

Setting the Same Renewal Day for Yearly/Monthly Resources

If the DBSS instances have different expiry dates or the DBSS instances and attached EVS disks have different expiry dates, you can set the same renewal day, for example, the first day of each month, to make it easier to manage renewals.

5.3 Auto-renewing DBSS

Prerequisites

The yearly/monthly DBSS instance is not expired.

Enabling Auto-Renewal During Purchase

You can enable auto-renewal on the DBSS purchase page.

Enabling Auto-Renewal on the Renewals Page

Step 1 Log in to the management console.

Step 2 Hover over **Billing & Costs** in the upper part of the console and choose **Renewal** from the drop-down list.

The **Renewals** page is displayed.

Step 3 Select the search criteria.

- On the **Auto Renewals** page, you can view the resources for which auto-renewal has been enabled.
- You can enable auto-renewal for resources on the **Manual Renewals, Pay-per-Use After Expiration**, and **Renewals Canceled** pages.

Step 4 Enable auto-renewal for yearly/monthly resources.

- Enabling auto-renewal for a single resource: Select the DBSS resource for which you want to enable auto-renewal and click **Enable Auto-Renew** in the **Operation** column.
- Enabling auto-renew for multiple resources at a time: Select the DBSS instances for which you want to enable auto-renew and click **Enable Auto-Renew** above the list.

Step 5 Select a renewal period, specify the auto-renewal times, and click **Pay**.

----End


6 Bills


Bill Generation

Transaction records for yearly/monthly subscriptions are generated immediately after being paid for.

Viewing Bills of a Specific Resource


Step 1 [Log in to the management console](#).

Step 2 Click  in the upper left corner of the management console and select a region or project.

Step 3 In the navigation tree on the left, click  in the upper left corner and choose **Security & Compliance > Database Security Service**.

Step 4 Obtain the instance ID from the DBSS instance list.

Step 5 On the top menu bar of the console, choose **Billing & Costs > Bills**. The **Bills** page is displayed.

Step 6 Choose **Transactions and Detailed Bills > Bill Details**. On the displayed page, select **Resource ID** as the filter condition, paste the resource ID copied before, and click  to search for the bill of the resource.

By default, the bill details are displayed by usage and billing cycle. You can choose other display options as needed.

----End

7 Arrears

Arrears Impact

Yearly/monthly is a pre-paid billing mode, so you can continue using yearly/monthly DBSS resources even if your account is in arrears. However, you cannot perform operations such as purchasing new DBSS instances, upgrading the DBSS specifications, or renewing DBSS instances, because they will generate new expenditures.

Avoiding and Handling Arrears

To help make sure your account never falls into arrears, you can configure the **Balance Alert** on the **Overview** page of the **Billing Center**. Then, any time an expenditure quota drops to below the threshold you specify, Huawei Cloud automatically notifies you by SMS or email.

If your account is in arrears, address the issue in a timely manner.

8 Billing Termination

Yearly/Monthly Resources

When you purchase a yearly/monthly resource, such as a yearly/monthly DBSS instance, you make a one-time up-front payment. By default, the billing automatically stops when the purchased subscription expires.

- If you no longer need a resource, but the subscription has not yet expired, you can unsubscribe from it. Depending on what coupons were used for the purchase and on if 5-day unconditional unsubscription rules apply, Huawei Cloud may issue you a refund. For details about unsubscription rules, see [Unsubscriptions](#).
- If you have enabled auto-renewal but no longer wish to automatically renew the subscription, disable it before the auto-renewal date (7 days before the expiration date by default) to avoid unexpected expenditures.

9 Cost Management

If you have already enabled the **Enterprise Project** function, you can view your costs by enterprise project. By default, costs are allocated based on the enterprise project selected when you place an order. Therefore, you are advised to plan your enterprise projects as early as possible.

Cost Management Through Enterprise Projects

Step 1 Enabling enterprise project

Complete real-name authentication, and then enable Enterprise Project. For details, see [Enabling the Enterprise Project Function](#).

Step 2 Creating an enterprise project

Create an enterprise project based on your department or business needs. For details, see [Creating an Enterprise Project](#).

Step 3 Select an enterprise project when purchasing DBSS.

On the database audit purchase page, you can select an enabled enterprise project. The cost of the newly purchased DBSS instance will be allocated based on the enterprise project.

Step 4 Viewing costs by enterprise project

When viewing cost data by enterprise project, you are advised to summarize data based on amortized costs. For details, see [Viewing Cost Allocation by Enterprise Project](#).

----End

10 Billing FAQs

10.1 Which Subnet Should I Choose When Purchasing an Instance?

Select a subnet that is in the same VPC as the database.

10.2 How Many Database Audit Instances Can I Purchase in the Same Region?

- **Basic:** supports up to three database instances.
- **Professional:** supports up to six database instances.
- **Advanced:** supports up to 30 database instances.

10.3 What Do I Do If a Message Indicating Insufficient Quota Is Displayed During Instance Purchase?

While you purchase database audit, if a message is displayed indicating that your quota is insufficient, submit a service ticket to apply for more quota.

For details about how to submit a service ticket, see [Submitting a Service Ticket](#).

10.4 How Do I Renew Database Audit?


You can renew database audit instances before they expire.

Prerequisites

- The account for logging in to the management console has been granted the DBSS System Administrator, ECS Administrator, VPC Administrator, and DBSS Administrator policies; or the Tenant Administrator permission policy.
- You have purchased a database audit instance.

Renewing Database Audit

Step 1 [Log in to the management console.](#)

Step 2 Click  in the upper left corner of the management console and select a region or project.

Step 3 Click  and choose **Security & Compliance > Database Security Service**. The **Dashboard** page is displayed.

Step 4 In the navigation tree on the left, choose **Instances**.

Step 5 Click **Renew** in the row containing the target instance.

For details about renewal, see [Manually Renewing a Resource](#).

----End

10.5 How Do I Unsubscribe from DBSS?

You can unsubscribe from a DBSS instance on the console. DBSS currently supports yearly and monthly subscription. Purchased DBSS instances cannot be deleted, and their specifications cannot be changed.

Impact on the System

After you unsubscribed from a DBSS instance, its audit records and logs will be deleted. Audit logs that have been backed up to the OBS bucket are not deleted.

Prerequisites

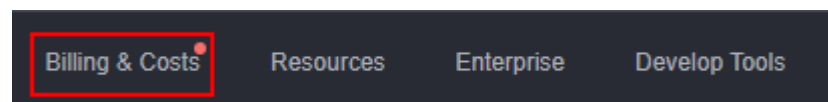
- The account for logging in to the management console has been granted the DBSS System Administrator, ECS Administrator, VPC Administrator, and BSS Administrator roles.
- You have purchased a database audit instance.

Procedure

Step 1 [Log in to the management console.](#)

Step 2 In the upper right part of the page, click **Billing & Costs**. The **Billing Center** page is displayed.

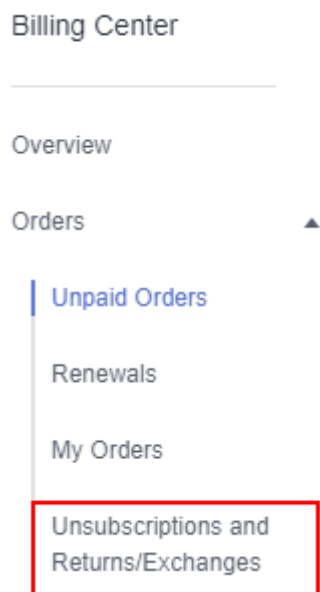
Figure 10-1 Billing & Costs



Step 3 In the navigation pane on the left, choose **Orders > Unsubscriptions and Returns/Exchanges**.

For details about unsubscription, see [Unsubscription Rules](#). To purchase the service again after unsubscription, follow the instructions provided in [Purchasing Database Audit](#).

Figure 10-2 Unsubscriptions and Returns/Exchanges



----End

A Change History

Released On	Description
2024-05-22	This issue is the first official release.