

**Billing Center**

# **User Guide**

**Issue**            01  
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# Security Declaration

## Vulnerability

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<https://www.huawei.com/en/psirt/vul-response-process>

For vulnerability information, enterprise customers can visit the following web page:

<https://securitybulletin.huawei.com/enterprise/en/security-advisory>

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# 1 Overview

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## 1.1 Overview

The **Overview** page helps you quickly access the common billing functions.

Huawei Cloud provides prepayment and postpayment options.

- **Prepayment:** You pay for a product or service before using it.  
You top up your Huawei Cloud account, and then pay from the account balance. Huawei Cloud will deduct payment from your account immediately after you subscribe to a yearly/monthly product. Likewise, you will be billed for pay-per-use expenditures in a nearly real-time manner.
- **Postpayment:** You can use the product or service first and pay later.  
Top-up is not required. For a yearly/monthly product, you can choose to either pay immediately or pay later. For details, see [Bill Run for Pay-per-Use Resources](#).

The fields on the **Overview** page for prepayment and postpayment options are slightly different, as shown in [Figure 1](#) and [Figure 2](#). For detailed field descriptions, see [Table 1](#).



Figure 1-1 Overview page example for prepayment

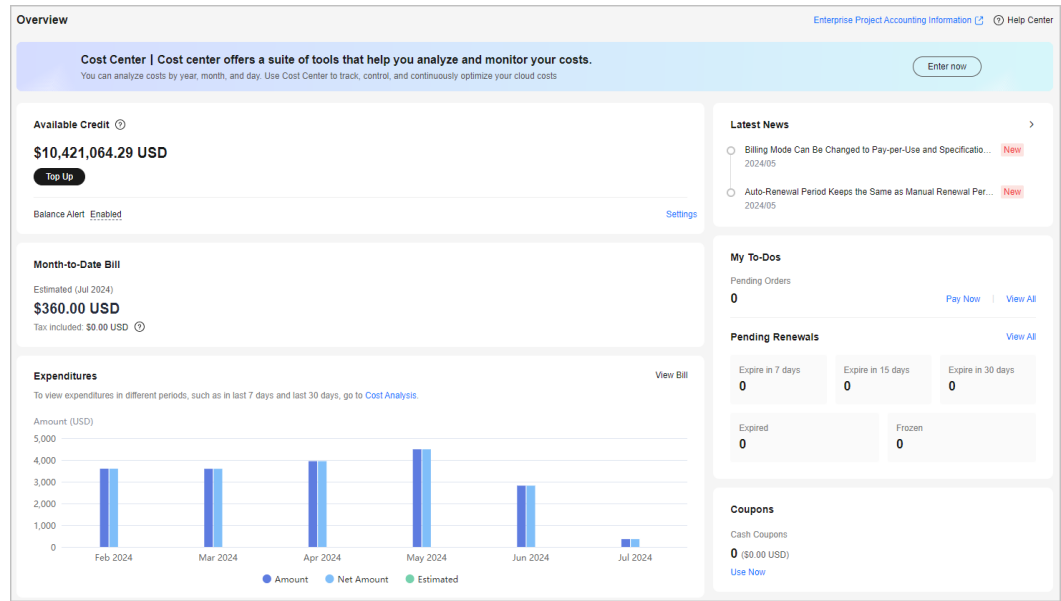


Figure 1-2 Overview page example for postpayment

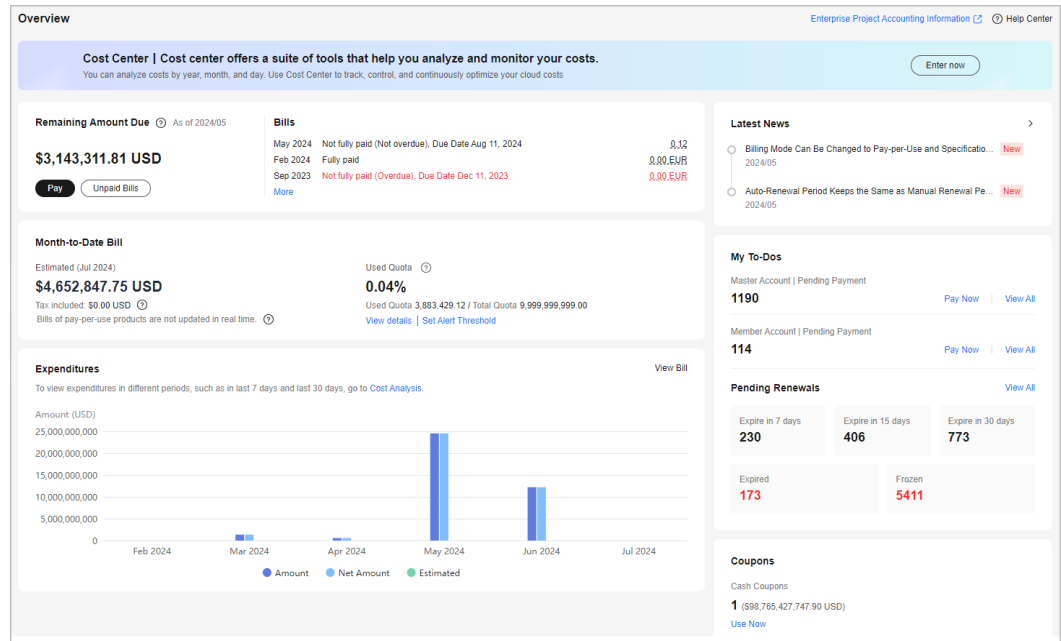


Table 1-1 Operations on the Overview page

Card	Operation	Description	Related Document
Remaining Amount Due/ Available Credit	Viewing the remaining amount due (only for postpayment)	You can view the total remaining amount due by the current billing cycle.	N/A

Card	Operation	Description	Related Document
	Viewing the generated bills (only for postpayment)	You can view the final bills generated in the last three months, including: <ul style="list-style-type: none"> <li>• Bills that have been paid off</li> <li>• Unpaid bills (overdue)</li> <li>• Unpaid bills (not overdue)</li> </ul> Click <b>More</b> to view all generated bills on the <b>Bills</b> page.	N/A
	Topping up Huawei Cloud account (only for postpayment)	You can top up your Huawei Cloud account balance. The top-up balance will be used to pay for your unpaid bills first.	<a href="#">Making Payments (Postpaid Direct Customers)</a>
	Viewing unpaid bills (only for postpayment)	You can click <b>Unpaid Bills</b> to view the details. If you are using a master account, the unpaid bills include the expenditures of your associated member accounts. If you have past due bills, some services will be affected.	N/A
	Viewing the remaining expenditure quota (only for postpayment with non-monthly settlement)	The remaining expenditure quota is the remaining amount you can spend on Huawei Cloud. Remaining expenditure quota = Total expenditure quota – Used expenditure quota	-
	Viewing available credit (only for prepayment)	The available credit is the amount you can use for paying Huawei Cloud services. Available credit = Account balance – Outstanding amount	-
	Topping up Huawei Cloud account (only for prepayment)	After you are registered as a prepaid customer, you can top up your account and use the balance to pay for Huawei Cloud services.	<a href="#">Topping Up an Account (Prepaid Direct Customers)</a>

Card	Operation	Description	Related Document
	Enabling balance alerting (for postpayment with non-monthly settlement/prepayment)	If your available credit (the sum of your account balance and any coupons) goes below a specified threshold, Huawei Cloud will inform you via SMS or email. You can click <b>Settings</b> to enable or disable balance alerting.	N/A
Month-to-Date Bill	Viewing the expenditures of the current month	You can view the estimated month-to-date expenditures. The amount includes the tax only for real-time payments. The tax of monthly payments is included in the bill that will be generated on the 3rd of the following month.	-
	Viewing the expenditure quota (only for postpayment with monthly settlement)	The expenditure quota is the maximum amount that you can spend on Huawei Cloud. If the quota is exceeded, your consumptions will be restricted. <ul style="list-style-type: none"><li>You can view the total quota and the used quota. Click <b>View details</b> to go to the <a href="#">Expenditure Quota</a> page.</li><li>You can click <b>Edit Alert Threshold</b> to change the threshold of triggering the expenditure usage alert.</li></ul>	<a href="#">Expenditure Quota</a>

Card	Operation	Description	Related Document
Expenditures	Viewing the expenditure growth	<p>By default, Huawei Cloud displays the expenditures of the last six months. To view expenditures of other periods, such as expenditures in the last 7 days or 30 days, go to <a href="#">Cost Analysis</a>.</p> <p>Click <b>View Bill</b> to go to the <a href="#">Bills</a> page.</p> <ul style="list-style-type: none"><li>● <b>Amount:</b> The amount that you need to pay after discounts are applied to the list price.</li><li>● <b>Net Amount:</b> The total after the value of any cash coupons is deducted from the payable amount.</li><li>● <b>Estimated:</b> Estimated month-to-date amount. For pay-per-use expenditures, the amount of applicable cash coupons will be automatically deducted at the end of the month when the bill is generated.</li></ul>	<a href="#">Bills</a>
Latest News	Viewing the latest announcements	The latest two announcements are displayed. To view all announcements, click <a href="#">What's New</a> .	<a href="#">What's New</a>
My To-Dos	Viewing orders	<p>You can view the number of orders pending payment.</p> <p>Click <b>Pay Now</b> to navigate to the <a href="#">Unpaid Orders</a> page to complete your payment.</p> <p>Click <b>View All</b> to navigate the <a href="#">My Orders</a> page to view all of your orders.</p>	<a href="#">Paying for Orders</a> <a href="#">My Orders</a>
	Viewing the resources to be renewed	By default, Huawei Cloud displays the number of frozen resources, expired resources, and resources that will expire within 7, 15, or 30 days. Click the number of resources or <b>View All</b> to navigate to the <a href="#">Renewals</a> page to view details and renew the resources.	<a href="#">Renewal Management</a>
Coupons	Viewing coupons	<p>You can view your coupon details.</p> <p>Click <b>Use Now</b> to go to the <a href="#">Coupons</a> page for details.</p>	<a href="#">How Do I Get and Use Cash Coupons?</a>

Card	Operation	Description	Related Document
Cost Center	Entering Cost Center	In the Cost Center, you can analyze costs by year, month, and day. Use Cost Center to track, control, and continuously optimize your cloud costs.  Click <b>Enter now</b> to go to the <a href="#">Cost Center</a> .	<a href="#">Overview</a>

## 1.2 Message Receiving and Management

### Messages for Yearly/Monthly Resources

Table 1-2 Messages for yearly/monthly resources

When to Notify	Type	Description
Resources are about to expire.	Product resource to expire	<ul style="list-style-type: none"><li>• For resources in Manual Renewals, you will be notified 15, 7, 3, and 1 days before the expiration date.</li><li>• For resources in Renewals Canceled, you will be notified 3 days before the expiration date.</li><li>• For resources in Auto-Renewals and Pay-per-Use After Expiration, you will not be notified.</li><li>• For resource packages, reserved instances (RIs), and savings plans, you will be notified 15, 7, 3, and 1 days before the expiration date.</li></ul>
Resources are about to be frozen.	To be frozen	You will be notified on the first day your resources expire and 3 days, and 1 day before your resources are frozen.
Resources are about to be released.	To be released	You will be notified on the first day your resources are frozen, and 14, 7, 3, and 1 days before your resources are deleted.
Auto-renewal is enabled.	Product auto-renewed	You will be notified of a successful auto-renewal.

When to Notify	Type	Description
	Auto-renewal failure	Auto-renewal is initiated 7 days before the expiration date. If auto-renewal fails, you will be notified 5, and then 2 days before the expiration or freezing date, on the expiration or freezing date, 6, and then 2 days before the release date, and you will receive a final notification on the day the resources are released.
Resources have been released or unsubscribed from.	Product resource released	You will be notified when the resources are unsubscribed from or released.
Resources are provisioned.	Created or enabled	You will be notified of resources provisioned within one hour.

If your resources are about to expire, to be frozen, or to be released on the same day, you will be notified of renewals only once.

## Messages for Pay-per-Use Resources

If your expenditure quota is reached and you do not submit payment in a timely manner, or contact your account manager to increase the quota, the resources under your account enter a grace period and then, after that, a retention period. During the period, you will receive notifications requesting payment. After the retention period ends, the resources will be released.

**Table 1-3** Messages for pay-per-use resources

When to Notify	Type	Description
The expenditure quota is insufficient.	Account balance	After your quota usage reaches 80%, you will be notified once every hour and three consecutive times at most.
Resources are about to be frozen.	To be frozen	After your quota is used up, the resources under your account enter the grace period. After the grace period ends, they will be frozen. You will be notified 15, 7, 3, and 1 days before your resources are frozen.

When to Notify	Type	Description
Resources are about to be released.	To be released	If you do not pay before the grace period ends, the resources under your account enter the retention period. After the retention period ends, they will be released. You will be notified 15, 7, 3, and 1 days before your resources are released.

## Message Management Settings

1. You can receive messages via SMS, email, in-app message, WeCom robot, DingTalk, and Feishu robot. If necessary, you can log in to the [Message Center](#) to change how you receive messages. For details, see [How Do I Manage Message Receiving?](#)
2. If you want to receive fewer messages or do not want to receive any messages at all, you can also configure it in the Message Center by referring to [How Can I Stop Receiving Messages?](#)

## 1.3 Resource Suspension and Release

If your yearly/monthly subscriptions have expired but not been renewed, or you are in arrears due to insufficient balance, your resources enter a grace period. If the renewal is still not completed or the outstanding amount is not paid off when the grace period ends, the resources enter a retention period, during which the resources will be suspended. If the renewal is still not completed or the outstanding amount is still not paid off when the retention period ends, the stored data will be deleted and the cloud service resources will be released.

- A grace period is the time for you to renew the resources if your yearly/monthly subscriptions have expired or for you to pay off the outstanding amount if you are in arrears due to insufficient balance. During this period, you cannot use some pay-per-use resources, and new services are blocked. The grace period for Huawei Cloud (International) is 15 days long.
- A retention period is the time your resources will enter if your yearly/monthly subscriptions are still not renewed or the outstanding amount for pay-per-use resources is still not paid off when the grace period ends. During this period, the resources cannot be used, but the resource data stored will be retained. The retention period for Huawei Cloud (International) is 15 days long.

For details about the grace period and retention period of Message & SMS products, please see the relative product documentation.

## 1.4 How Can I Qualify for Post Payment?

Huawei Cloud provides a postpayment option for all customers. Once you are approved for postpayment, you can use Huawei Cloud services first and pay later.

You can set it up online or off:

- Online: Create an account, add a mobile number, complete your account information, and add a payment method (adding a credit card) as prompted on the official website. The credit card added will be used for payment. For details, see [Adding a Payment Method](#).
- Offline: Contact your account manager to apply for postpayment authorization. On the **Payment Methods** page in the Billing Center, add a credit card for automatic payment. Otherwise, you will have to pay your bills manually. For details about the payments, see [How Does a Common Huawei Cloud Customer Pay \(in Post Payment Mode\)?](#).

## 1.5 Payment

Huawei Cloud collects payment from postpaid customers in two ways:

- Yearly/monthly subscriptions: When placing an order, you can select a credit card you added or choose **Online Payment** to pay for the order. If you have enabled monthly settlement, the **Monthly Settlement** option is also available, and if you choose this option, bills will be automatically paid from your added credit card after the bill is generated on the third day of the following month.
- Pay-per-use products: Bills are generated by month and expenditures are billed to the credit card you added. If we have reasonable grounds to suspect that your account is at risk of falling into arrears, we have the right to bill you based on expenses incurred, and to bill your added credit card as needed.

When paying your bills, you can select the following ways:

- Allow Huawei Cloud to automatically collect payments from the credit card you added.
- Choose a payment method on the **Overview > Pay** page.

### NOTE

You can pay online only if you signed a contract with any of the following contracting parties:

- Huawei Services (Hong Kong) Co., Limited.
- Sparkoo Technologies Singapore Pte. Ltd.
- Sparkoo Technologies Hong Kong Co., Limited
- Sparkoo Technologies South Africa (Pty). Ltd.
- Huawei (Chile) S.A.
- Huawei Technologies De Mexico, S.A. De C.V.
- Sparkoo Technologies Arabia Co., Ltd.
- Sparkoo Technologies (Thailand) Co., Ltd.

## 1.6 Supported Postpayment Methods

You can pay online only if you signed a contract with any of the following contracting parties:

- Huawei Services (Hong Kong) Co., Limited.
- Sparkoo Technologies Singapore Pte. Ltd.



- Sparkoo Technologies Hong Kong Co., Limited.
- Sparkoo Technologies South Africa (Pty) . Ltd.
- Huawei (Chile) S.A.
- Huawei Technologies De Mexico, S.A. De C.V.
- Sparkoo Technologies Arabia Co., Ltd.
- Sparkoo Technologies (Thailand) Co., Ltd.

Online payment can be by bound credit card or by other cards.

Customer Type	Payment Option	Post payment Authorization	Monthly Settlement	Bill Payment		Order Placement				Auto-Renewal			
				Online payment	Bank transfer	Account balance	Added credit card	Online payment	Monthly settlement	Account balance	Added credit card	Online payment	Monthly settlement
-	-	-	-	Online payment	Bank transfer	Account balance	Added credit card	Online payment	Monthly settlement	Account balance	Added credit card	Online payment	Monthly settlement
Direct customer/ referral customer	Post payment	Online	Yes	√	√	-	√	√	-	-	√	-	√
	Post payment	Offline	Yes	√	√	-	√	√	√	-	√	-	√
	Pre payment	-	No	√	√	√	√	√	-	√	-	-	-
Reseller customer	Post payment	Offline	Yes	-	-	-	-	-	√	-	-	-	√

Customer Type	Payment Option	Post payment Authorization	Monthly Settlement	Bill Payment		Order Placement				Auto-Renewal			
				✓	✓	-	✓	✓	-	-	✓	-	✓
Enterprise master account	Postpayment	Online	Yes	✓	✓	-	✓	✓	-	-	✓	-	✓
	Postpayment	Offline	Yes	✓	✓	-	✓	✓	✓	-	✓	-	✓
	Prepayment	-	No	✓	✓	✓	✓	✓	-	✓	-	-	-
Enterprise member account (non-unified account management)	Postpayment	Offline	Yes	-	-	-	-	-	✓	-	-	-	✓
	Prepayment	-	No	-	-	✓	-	-	-	✓	-	-	-

Customer Type	Payment Option	Post payment Authorization	Monthly Settlement	Bill Payment		Order Placement				Auto-Renewal			
Enterprise member account (unified accounting management; the master account pays the member account's expenditures)	Postpayment	-	-	-	-	-	-	-	-	-	-	-	-

## 1.7 Post Payment Terminology

**Billing cycle:** A number of calendar months (one month by default). The bill for a month is generated on the third day of the next month.

**Payment period:** The period of time that Huawei Cloud gives customers to pay for their expenditures, starting from the bill date to the due date. Customers are required to pay off their bills before the repayment period ends. By default, the bill date is the due date.

**Overdue:** If a customer has not paid off a bill before 24:00 on the due date, such payment is overdue.

**Grace period:** When a customer's yearly/monthly subscription has expired or the customer account is in arrears due to an insufficient account balance, Huawei Cloud provides a period for the customer to renew the resources or pay off the outstanding amount. During this period, the customer can use some resources. The grace period for Huawei Cloud (International) is 15 days.

- If the customer account is in arrears due to an insufficient balance, the customer cannot subscribe to new services.

- If the customer's yearly/monthly subscriptions are not renewed and enter a grace period, the customer can continue to subscribe to new services.

If Huawei Cloud direct sales customers, referral customers, or enterprise customers with master accounts for unified accounting do not have credit cards added or expenditure quota given, they can use test coupons to experience cloud services for the first time. When the coupons are used up, expire, or cannot cover the expenditures, all pay-per-use resources of the accounts enter the retention period. Any yearly/monthly resources that have taken effect are not affected.

**Retention period:** After the grace period ends, if a customer's yearly/monthly subscriptions are not renewed or the outstanding amount for pay-per-use resources is still not paid off, the retention period starts. During this period, the resources cannot be used, but the resource data stored will be retained. The retention period for Huawei Cloud (International) is 15 days long.

**Due date:** The last day a customer can pay a bill and it not be considered a late payment. If there is no payment period, the due date is the bill date.

# 2 Orders

- [2.1 Unpaid Orders](#)
- [2.2 Renewal Management](#)
- [2.3 My Orders](#)
- [2.4 Unsubscriptions](#)

## 2.1 Unpaid Orders

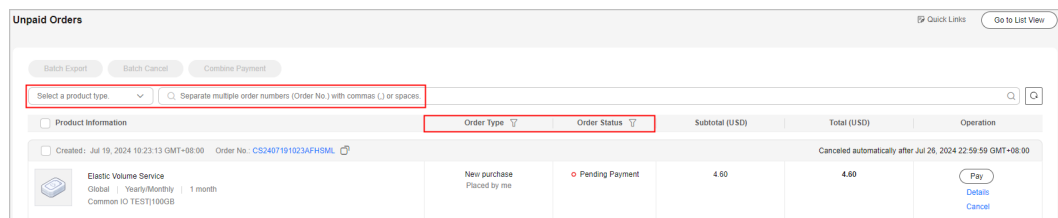
### 2.1.1 Paying for Orders

You need to complete the payment before using the products in the order. Unpaid orders are listed on the [Unpaid Orders](#) page.

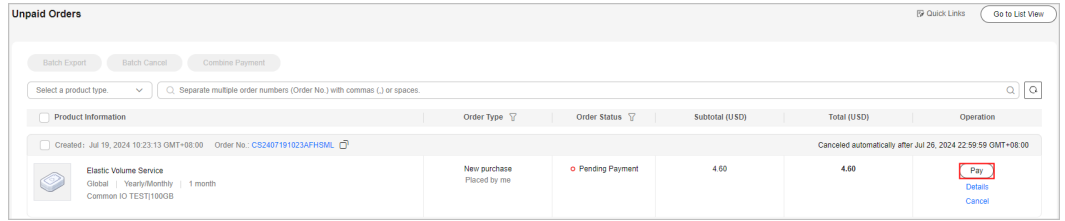
Complete the payment for the order before its expiration time displayed on the page.

#### Procedure

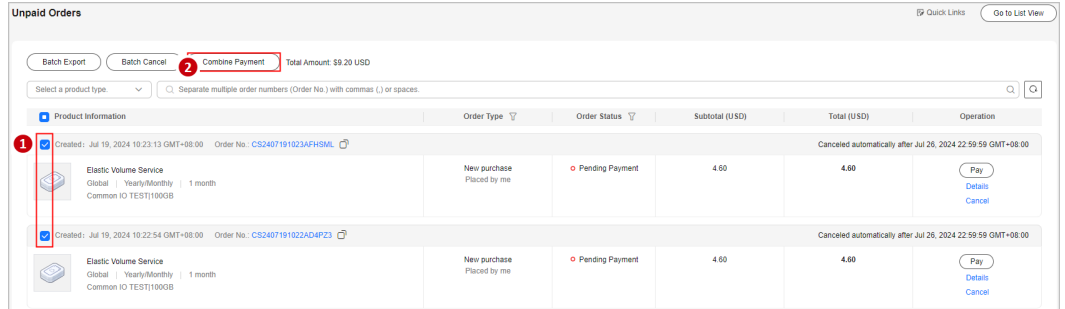
- Step 1** Go to the [Unpaid Orders](#) page.
- Step 2** You can enter an order No. to search for orders to be paid, or filter these orders by service type, order type, or order status.



- Step 3** Select to pay for a single order or multiple orders.
  - **Single payment:** Click **Pay** for a desired order.



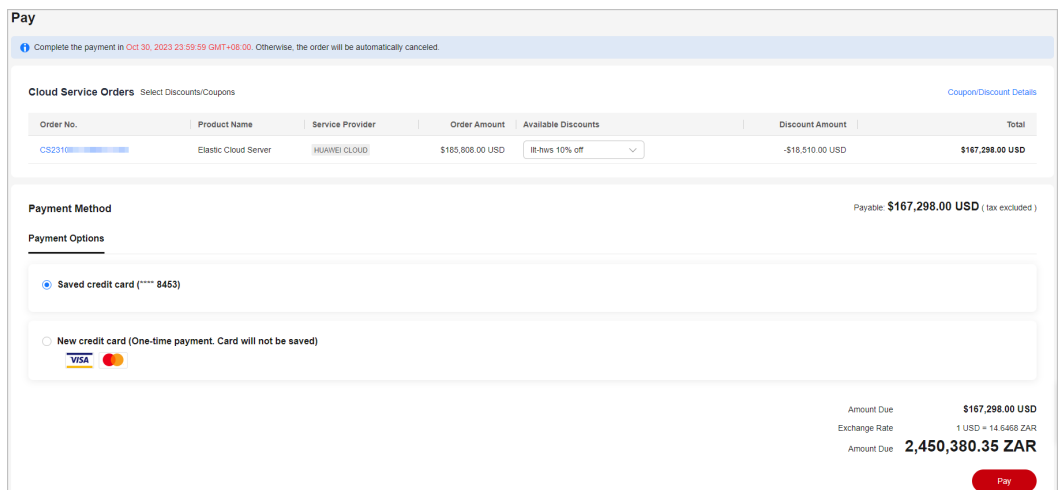
- **Combined payment:** Select desired orders and click **Combine Payments**.



**NOTE**

- A maximum of 30 orders can be selected for a combined payment.
- When making a combined payment, the system checks the order status and will not pay the orders whose status has changed.
- An order in the Pending approval state can be paid only after being approved. After the order is approved, the system will send a notification to the mobile number and email address bound to the account. After receiving the notification, the customer can continue to pay the order.
- The orders generated for combined purchase must be paid together. If the orders for the combined purchase need to be reviewed, the payments can be made only after all orders are approved.

**Step 4** Select discounts and a payment method, and click **Pay**.



 NOTE

If you place an order in which the product overlaps with that in the standard sales contract, the following message will be displayed before you pay for the order: "Please verify that this order is independent of the contract. Otherwise, you cannot make the payment."

When you purchase a composite product (for example, ECS + image + EVS), Huawei Cloud charges only the products provided by itself. You need to contact the third-party service provider for the payment details of its products.

Pay

Pay the orders in time. Otherwise, the earliest order will be automatically canceled in Oct 27, 2023 23:59:59 GMT+08:00.

Cloud Service Orders Select Discounts/Coupons



Order No.	Order Type	Service Type	Service Provider	Order Amount	Available Discounts	Discount Amount	Amount Charged by...	Amount Charged by...
INTBOROOT2310200010	New purchase	marketplace, Elastic Cloud Se...	HUAWEI CLOUD Marketplace HUAWEI CLO...	\$2,014.62 USD	lit-mkt 15% off	-\$133.50 USD	\$2.00 USD	\$1,879.12 USD
INTBOROOT23102...	New purchase	marketplace	HUAWEI CLOUD Marketplace	\$888.00 USD	lit-mkt 15% off	-\$133.20 USD	--	\$754.80 USD
INTBOROOT23102...	New purchase	Elastic Cloud Server (third party)	HUAWEI CLOUD HUAWEI CLOUD Marketp...	\$1,101.42 USD	lit-mkt 15% off	-\$0.30 USD	\$2.00 USD	\$1,099.12 USD
INTBOROOT23102...	New purchase	Elastic Volume Service	HUAWEI CLOUD	\$25.20 USD	No applicable discount	--	--	\$25.20 USD

Payment Method

Payable: **\$1,879.42 USD** (tax excluded)  
The remaining amount to be charged by the third party is \$1.70 USD. Contact the service provider for the payment details.

- Savings include discounts and coupons. For details about how to use the discounts and coupons, see [How Do I Use Discounts and Coupons When Paying for an Order?](#).
- Payment methods include **Pay online** and **Monthly Settlement**.
  - a. **Pay online:** Select **Pay online** and click **Go to Online Payment** to go to the checkout page. Enter the credit card information, and click **PAY NOW**.


### Online Payment

Credit Card  



Card No.

Card Holder's Name

Expiry Date  /

Security Code   A 3-digit number on the rear side of the card or a 4-digit number on the front side

 NOTE

Only credit cards of the  and  types can be used for payment. Debit cards, prepaid cards, virtual cards, and gift cards cannot be used.

- b. **Monthly Settlement:** If you select this method, the expenditures will be accumulated in the monthly bill. You need to pay for them after the bill is generated.

**Pay**

⚠️ Confirm the orders in time. Otherwise, the earliest order will be automatically canceled in Oct 26, 2023 23:59:59 GMT+08:00.

**Cloud Service Orders** Select Discounts/Coupons

Order No.	Order Type	Service Type	Service Provider	Order Amount	Total
CS2310	Renewal	Elastic Cloud Server	HUAWEI CLOUD	\$469.42 USD	\$469.42 USD

**Payment Method** Payable: **\$469.42 USD** (tax excluded)

**Monthly Settlement**

**Monthly Settlement: Your expenditure will be included in your monthly bills. You need to pay for your bills.**

If you select this purchase option, you authorize us to charge your default payment method upon service consumption reaching certain threshold and at the end of the calendar month, but we also have the right to raise invoices at higher frequencies upon prior written notice to you, or if we suspect that your account may be subject to fraud or non-payment risk.

This amount does not include tax. The tax will be included in the final bill generated in the following month.

Monthly Settlement **\$469.42 USD**

[Confirm](#)

**NOTE**

- If you are a postpaid customer with monthly settlement enabled, you can select **Monthly Settlement** when placing an order. After the bill is generated on the third day of the following month, the payment will be automatically made from your credit card balance. For details about monthly settlement, see [Monthly Settlement](#).
- With the post payment, you can use Huawei Cloud services first and pay for them later. For details about postpayment, see [How Do I Obtain the Qualification for Post Payment?](#) and [Payment and Repayment](#).

----End

## 2.1.2 Canceling Orders

If you do not want to pay for an order after placing it, you can manually cancel it. If you do not manually cancel the order, it will be automatically canceled when expired.

### Procedure

**Step 1** Go to the [Unpaid Orders](#) page.

**Step 2** You can enter an order No. to search for orders to be canceled, or filter these orders by service type, order type, or order status.

**Unpaid Orders** Quick Links [Go to List View](#)

[Batch Export](#) [Batch Cancel](#) [Combine Payment](#)

Select a product type  Separate multiple order numbers (Order No.) with commas (,) or spaces

Product Information	Order Type	Order Status	Subtotal (USD)	Total (USD)	Operation
Created: Jul 19, 2024 19:23:13 GMT+08:00   Order No.: CS2407191023AFHSMI Elastic Volume Service Global   Yearly/Monthly   1 month Common IO TEST100GB	New purchase Placed by me	Pending Payment	4.60	4.60	<a href="#">Pay</a> <a href="#">Details</a> <a href="#">Cancel</a>

Canceled automatically after Jul 26, 2024 22:59:59 GMT+08:00

**Step 3** Cancel a single order or multiple orders.

- **Single order cancellation:** Click **Cancel** for a desired order.

**Unpaid Orders** Quick Links [Go to List View](#)

[Batch Export](#) [Batch Cancel](#) [Combine Payment](#)

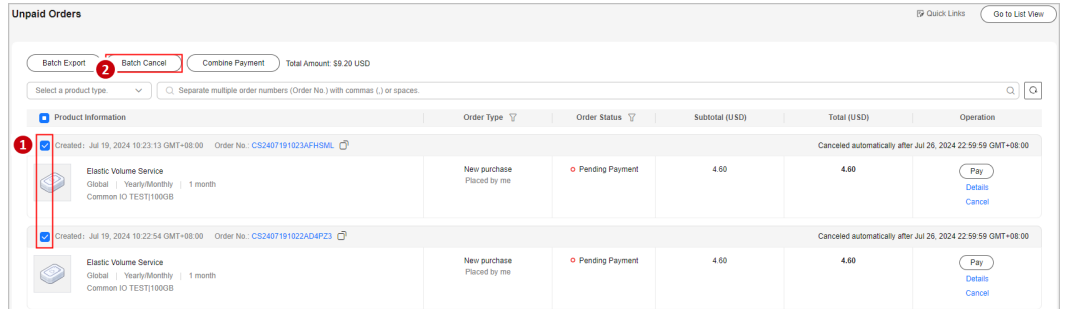
Select a product type  Separate multiple order numbers (Order No.) with commas (,) or spaces

Product Information	Order Type	Order Status	Subtotal (USD)	Total (USD)	Operation
Created: Jul 19, 2024 19:23:13 GMT+08:00   Order No.: CS2407191023AFHSMI Elastic Volume Service Global   Yearly/Monthly   1 month Common IO TEST100GB	New purchase Placed by me	Pending Payment	4.60	4.60	<a href="#">Pay</a> <a href="#">Details</a> <a href="#">Cancel</a>

Canceled automatically after Jul 26, 2024 22:59:59 GMT+08:00



- **Batch order cancellation:** Select the desired orders, and click **Batch Cancel** above the order list.



**NOTE**

- The orders generated for combined purchase must be canceled together. If you cancel one of orders in a combined purchase, other orders for the combined purchase will be canceled together.
- When a combined order is canceled, all orders stated in the combined order are canceled together.

**Step 4** Click **OK**.

----End

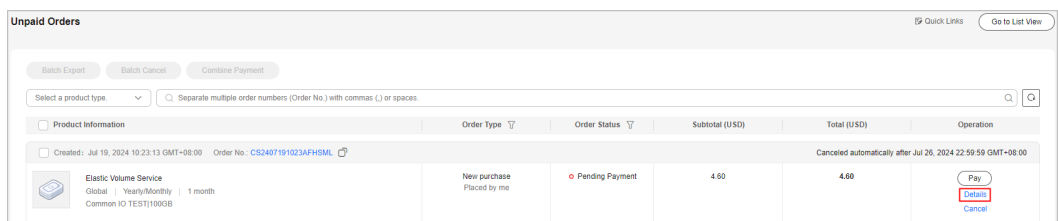
## 2.1.3 Viewing Order Details

Order details include information about the order itself, ordered resources, and order amount.

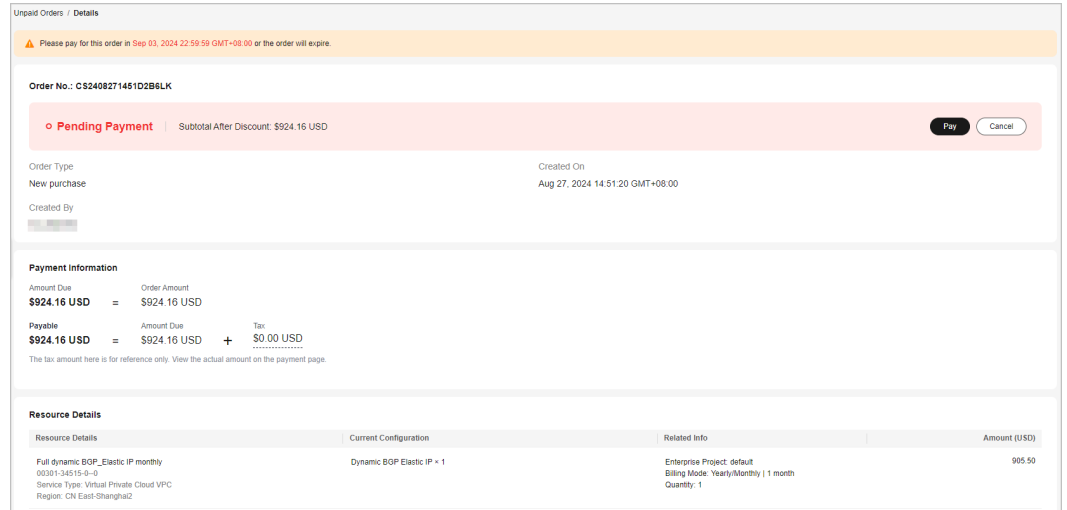
### Procedure

**Step 1** Go to the **Unpaid Orders** page.

**Step 2** Click **Details** in the **Operation** column of the target order, or click the order No. to go to the order details page.



- If an order is **Pending payment**, you can pay for or cancel the order on the order details page.



----End

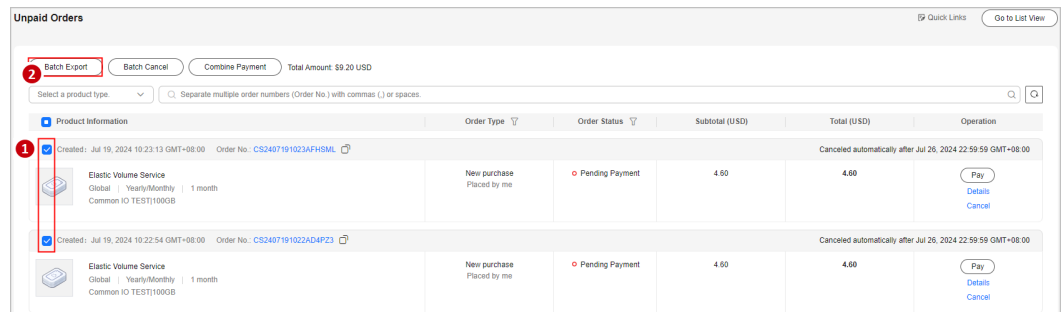
## 2.1.4 Batch Export

You can export unpaid orders in a batch and use the exported content to request funds from your finance department.

### Procedure

**Step 1** Go to the [Unpaid Orders](#) page.

**Step 2** Select the desired orders, and click **Batch Export** above the order list.



**Step 3** After the export is complete, the [Export History](#) page is automatically displayed. After the file to be exported is ready, click **Download** in the **Operation** column to download the file.



### NOTE

**IAM users** can only view and download its own exported files, but not the exported files of Huawei Cloud account or exported files of other IAM users under this account.

----End

## 2.2 Renewal Management

### 2.2.1 Resource Expiration Rules

#### Rules

- **Before a yearly/monthly resource expires**, you can choose to manually renew it, have it automatically renewed, not renew it, or change its billing mode to pay-per-use.

Functions	Scenarios
<a href="#">Manual Renewal</a>	Extend the validity period of resources.
<a href="#">Enabling Auto-Renewal</a>	Avoid resources from being deleted after expiration.
<a href="#">From Yearly/Monthly to Pay-per-Use</a>	Change the billing mode to Pay-per-Use based on service requirements.
<a href="#">Non-Renewal upon Expiration</a>	Stop using resources after they expire.

- **After a yearly/monthly resource expires**, renew it in a timely manner if you want to continue using the resource.
  - a. When the resource enters the grace period, you can still use the resource.
  - b. When the grace period ends, the retention period starts. The resource is frozen and cannot be used, but your data stored in the resource is retained.
  - c. After the retention period ends, your resources are automatically deleted. In this case, the resources cannot be retrieved or renewed.

#### NOTE

If a yearly/monthly resource in the grace period or retention period is renewed, the duration spent in the grace and retention periods will be deducted from the renewal period. For details, see [Resource Suspension and Release](#).

Example:

You purchased a monthly EVS disk on March 31, 2024, and the resource would expire on April 30, 2024. The grace period and retention period of yearly/monthly resources on Huawei Cloud (International) are both 15 days.

On May 18, 2024, the resource was in the grace period and renewed for one month. There are only 13 days remaining because the resource would expire on May 31, 2024.

### Viewing Instance Expiration Time

On the [Renewals](#) page, you can filter the instances which will expire soon and view the expiration time of these instances.

**Expires** All: 3179 Frozen (in retention period): 3076 Expired (in grace period): 0 Expires in 7 days: 3 Expires in 15 days: 5 Expires in 30 days: 6 Custom

Do not show resources that have orders pending payment  Do not show resource packages

**Manual Renewals (3172)** Auto Renewals (4) Pay-per-Use After Expiration (1) Renewals Canceled (2)

Batch Renew Enable Auto-Renewal Change to Pay-per-Use After Expiration Cancel Renewal Set Renewal Date Export

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
hvs_resource_type_volumename 230913_35485c1bd0d6490632e...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Sep 13, 2023 19:22:48 GMT+08:00 Oct 13, 2023 23:59:59 GMT+08:00	Frozen	7 days until deletion	Renew Cancel Renewal More

## NOTE

- By **Expires**, you can quickly search for resources that are in the specified status or will expire in the specified period.
  - Expires in 7 days, 15 days, 30 days, or customized days: Resources that are about to expire in the specified time range can be renewed in advance.
  - Expired (in grace period): A resource will enter the grace period upon expiration. In the period, the resource can be used normally.
  - Frozen (in retention period): A resource will enter the retention period after the grace period ends. In the period, the resource cannot be used.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. If you select them, all resources that meet the filter criteria are displayed.

## 2.2.2 Manual Renewal

### 2.2.2.1 Renewal Rules

You can renew your yearly/monthly subscribed resources to prolong their validity periods. If a resource is renewed when it is in a **grace period or retention period**, **the renewal for this resource starts from when the resource expired instead of the time when the renewal is operated.**

## Rules

### Renewal restrictions

- Reserved instances are not renewable.
- Pay-per-use resources and spot instances are not renewable.
- If an order is not completed, the resources cannot be renewed.
- If an order for changing the specifications of a yearly/monthly resource has been submitted but has not been completed, such a resource is not renewable.
- Yearly/monthly resources that have been changed or are being changed to pay-per-use billing mode are not renewable.
- If a yearly/monthly resource has supplemented resources, the yearly/monthly resource is not renewable until the supplemented resources have been provisioned successfully, ensuring that the yearly/monthly resource and the supplemented resources expire at the same time.

7. If a partner's customer accounts in the reseller model is frozen by the partner, the renewals are not allowed for these accounts. Contact the partner to handle it.
8. Unsubscribed or released resources are not renewable.
9. Resources no longer available are not renewable.

#### **Rules for a consolidated renewal**

1. Associated resources must be renewed as a whole. Attached resources can be renewed as a whole or separately.  
Example: You subscribed to an ECS by month with a system disk bound and a VPC configured. When you renew the ECS, the bound system disk must be renewed together. The VPC can be renewed separately.
2. Solution product portfolios and DevCloud packages must be renewed as a whole and it is not allowed to renew only some resources in the portfolios or packages.
3. If there are applicable discounts for a combined purchase package renewal, you can only renew all resources in the package. If no discounts can be applied for the package renewal, you can renew specific resources in the package separately.  
Example: You have purchased a promotional package of a monthly ECS (specifications: s6.small.1 ECS + VPC network). You must renew the whole package to use an applicable discount. Only when no discount can be applied for renewing the package, you can renew the monthly ECS and VPC separately.
4. For any other package, you can renew it as a whole or specific resources in the package. However, after you renew specific resources in a package, the package cannot be renewed as a whole any longer and discounts for a whole package renewal cannot be used.
5. The resources in a combined service need to be renewed as a whole, for example, the ECS.

#### **Rules for a batch renewal**

1. Resources in commercial use cannot be renewed together with those pending commercial use.
2. Offline Dedicated Cloud cannot be renewed in batches.
3. If an order is not completed, the resources cannot be renewed in batches.
4. Trial products cannot be renewed in batches.
5. Portfolio products cannot be renewed in batches.
6. Resources no longer available cannot be renewed in batches.

### **2.2.2.2 Manual Renewal**

After purchasing yearly/monthly resources, you can manually renew the resources to prolong the resource usage period.

#### **Procedure**

- Step 1** Go to the [Renewals](#) page.

## Step 2 Set the search criteria.

The screenshot shows the 'Renewals' page in the AWS Billing Center. At the top, there are quick links for 'Quick Links' and 'Modify Message Recipient'. Below this is a blue information banner with links to help articles. The main section contains search filters for 'Expires' (All: 3179, Frozen: 3076, Expired: 0, Expires in 7 days: 3, Expires in 15 days: 5, Expires in 30 days: 6, Custom) and checkboxes for 'Do not show resources that have orders pending payment' and 'Do not show resource packages'. A search bar is also present. Below the filters, there are tabs for 'Manual Renewals (3172)', 'Auto Renewals (4)', 'Pay-per-Use After Expiration (1)', and 'Renewals Canceled (2)'. A toolbar includes 'Batch Renew', 'Enable Auto-Renewal', 'Change to Pay-per-Use After Expiration', 'Cancel Renewal', 'Set Renewal Date', and 'Export'. The table below has columns for Instance Name/ID, Product Type/Specifications, Region, Provisioned/Expires, Status, Validity Period, and Operation. One instance is listed with a status of 'Frozen' and a validity period of '7 days until deletion'. The 'Renew' button in the Operation column is highlighted with a red box.

### NOTE

- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.
- On the **Manual Renewals**, **Auto Renewals**, **Pay-per-Use After Expiration**, and **Renewals Canceled** pages, you can view all instances to be renewed and manually renew these instances.
- All instances that need to be renewed manually are displayed on the **Manual Renewals** tab. For details, see [Enabling Manual Renewal](#).

## Step 3 You can renew the resources one by one or in batches:

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

This screenshot is identical to the one above, but the 'Renew' button in the 'Operation' column of the table is highlighted with a red box, indicating the action to be taken for an individual renewal.

- **Batch renewal:** Select the desired instances, and click **Renew** on top of the list.

**Renewals** IP Quick Links [Modify Message Recipient](#)

**Expires:** All: 3179 | Frozen (in retention period): 3076 | Expired (in grace period): 0 | Expires in 7 days: 3 | Expires in 15 days: 5 | Expires in 30 days: 6 | Custom

Do not show resources that have orders pending payment  Do not show resource packages

Instance ID/Resource ID is used to search by default.

**Manual Renewals (3172)** | Auto Renewals (4) | Pay-per-Use After Expiration (1) | Renewals Cancelled (2)

**Batch Renew** | Enable Auto-Renewal | Change to Pay-per-Use After Expiration | Cancel Renewal | Set Renewal Date | Export

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
hms_resource_type_volumename 230913_35485c1b0dd64980b32e...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Sep 13, 2023 19:22:48 GMT+08:00 Oct 13, 2023 23:59:59 GMT+08:00	Frozen	7 days until deletion	Renew Cancel Renewal More
hms_resource_type_volumename 230918_8f72852c029372443aa1a2...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Sep 18, 2023 16:00:57 GMT+08:00 Oct 18, 2023 23:59:59 GMT+08:00	Frozen	12 days until deletion	Renew Cancel Renewal More

**NOTE**

Instances with orders pending payment can be renewed only after these orders are paid or canceled. You can click the order No. in the prompt to go to the order details page. After you pay for or cancel the order, the instance becomes renewable.

Batch Renew | Enable Auto-Renewal | Change to Pay-per-Use After Expiration | Cancel Renewal | Set Renewal Date | Export

To renew the instance, pay for or cancel the order first. Order No.: CS2407191629ADQKGT

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires
	ume Service EVS urpose SSD 100GB	Global	Sep 18, 2023 16:00:57 GMT+08:00 Oct 18, 2023 23:59:59 GMT+08:00

**Step 4** Select a renewal duration and click **Pay**.

**Renew**

**Instances To Be Renewed: 1**

Instance Name/ID	Product Information	Auto-Renew	Renewal Duration	Expiration Time	Fee
volume-c15 3509054-864f-4d1e-84ac-16d1799c3d40	Product Type: Elastic Volume Service EVS Current Configuration: Common IO 10GB Region CN North-Ulamb3	Disabled	1 year	Current: Dec 11, 2024 23:59:59 GMT+08:00 New: Dec 11, 2025 23:59:59 GMT+08:00	\$4.60 USD

**Renewal Settings**

Renewal Duration: 1 month | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | **1 year**

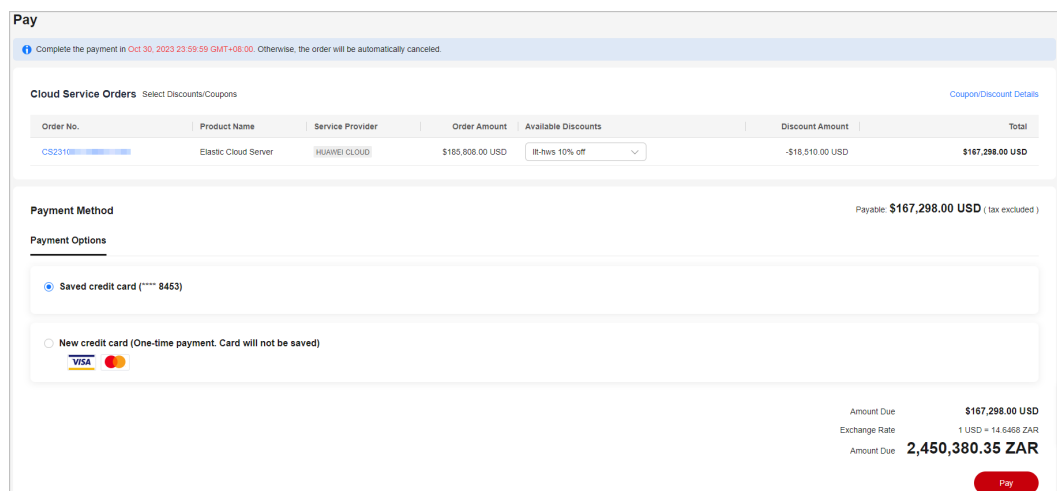
Auto-Renew  
If you have the sufficient balance, your resources will be automatically renewed based on the current renewal period. [Learn More](#)

Renewal Date  
 Renew on the standard renewal date, the 1st of every month at 23:59:59 GMT+08:00. [Learn More](#)  
If you change the expiration date to Renewal Date, the expenditures will be added. You can check the renewal days in the Renewal Duration column.

Price: \$4.60 USD (Savings: \$0.92 USD) | [Discount Details](#) | **Pay**

 NOTE

- The default renewal durations vary in the following scenarios:
  1. If an instance's renewal duration is less than one year, for example the renewal duration ranges from 1 to 9 months, the default renewal duration is 1 month.
  2. For an instance with 1-year subscription, the default renewal duration is 1 year. For a yearly resource with multiple renewal durations, the default renewal duration is the minimum value among them.
  3. If multiple instances are renewed together, the default renewal duration is the minimum value that can be applied for all these instances. If 1-year is also applicable for all these instances, 1-year is preferred.
  4. A monthly resource package can only be renewed on a monthly basis. If the renewal duration ranges from 1 to 9 months, the default renewal duration is 1 month. A yearly resource package can only be renewed on a yearly basis, and the default renewal duration is 1 year. Currently, only OBS resource packages can be purchased on a monthly basis and renewed on a yearly basis.
  5. Monthly products on the KooGallery can only be renewed on a monthly basis, and the default renewal duration is 1 month. Yearly products on the KooGallery can only be renewed on a yearly basis, and the default renewal duration is 1 year.
- The duration between when the renewal is made and when the instance will expire must be less than 10 years. For example, if you renew an instance on February 29, 2024, it can be renewed to February 28, 2034, 23:59:59 at most.
- When renewing an instance, you can set auto-renewal for it. The auto-renewal period is the same as the manual renewal period, and the number of auto-renewal times is not limited by default. For more details, see [Auto-Renewal Rules](#).
  - If you manually renew the instance with auto-renewal already enabled, the auto-renewal period and number of auto-renewals remain unchanged.
  - Expired or frozen instances do not support auto-renewal. If an instance still expired after being renewed, it does not support auto-renewal.
  - If all instances do not support auto-renewal or auto-renewal has been enabled for all instances, the check box is not displayed by default.

**Step 5** Select discounts and a payment option, and click **Pay**.

Pay

Complete the payment in Oct 30, 2023 23:59:59 GMT+08:00. Otherwise, the order will be automatically canceled.

Cloud Service Orders Select Discounts/Coupons [Coupon/Discount Details](#)


Order No.	Product Name	Service Provider	Order Amount	Available Discounts	Discount Amount	Total
CSC210	Elastic Cloud Server	HUAWEI CLOUD	\$185,808.00 USD	8t-hws 10% off	-\$18,510.00 USD	\$167,298.00 USD

Payment Method Payable **\$167,298.00 USD** (tax excluded)

Payment Options

Saved credit card (\*\*\*\* 8453)

New credit card (One-time payment. Card will not be saved)

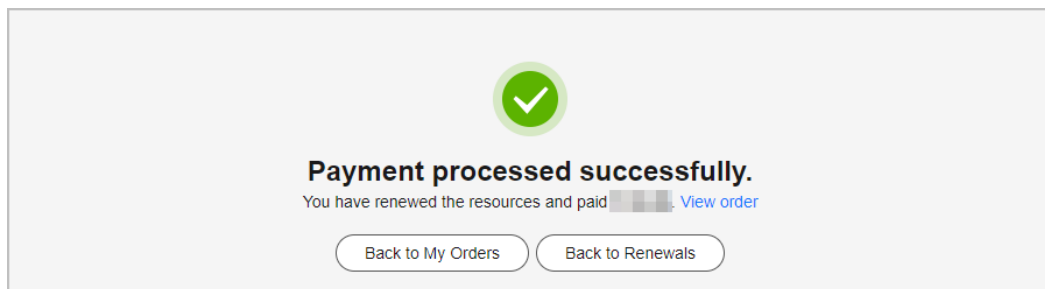


Amount Due **\$167,298.00 USD**  
Exchange Rate 1 USD = 14.6488 ZAR  
Amount Due **2,450,380.35 ZAR**

**Pay**

**Step 6** Click **View order** to view the order details.





If you want to pay for the order later, you can close the payment page, and then find the order in the **Unpaid Orders** page to pay for it. The renewal is successful after the order is complete.

----End

### 2.2.2.3 Renewal Date

If you set a renewal date for a yearly/monthly subscription, the subscription will expire on the fixed date of a month.

#### Important Notes

- If you do not set a renewal date, the **current renewal date** is the first day of each month by default in the Set Renewal Date dialog box.
- You can only set the renewal date to a day (from the 1st day to the 28th day of a month, or the last day of a month) but not to a specific date.
- The interval between the renewal date and the due date of the current billing cycle cannot be less than one month. After the instances are renewed to the renewal date, the renewal duration is accurate to day, and the renewal amount depends on the renewal duration. For details, see the renewal amount displayed on the page.

**Example 1:** Set **Renewal Date** to the last day of each month.

Your resource will expire on March 25, 2024, and the renewal duration is one month. After the renewal date is set to the last day of each month, the resource will expire on April 30, 2024. Actual renewal duration = Original renewal duration (1 month) + Duration from the original expiration date to the renewal date (5 days, from April 26, 2024 to April 30, 2024).

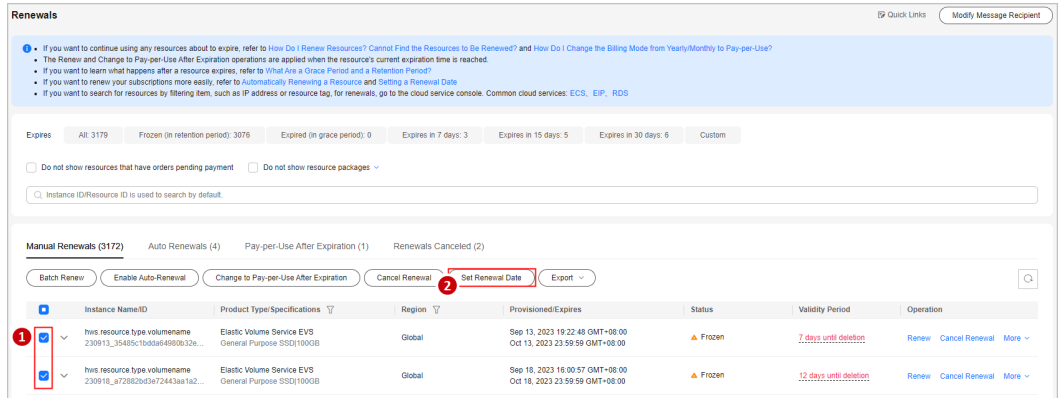
**Example 2:** Set **Renewal Date** to the 1st day of each month.

Your resource will expire on March 25, 2024, and the renewal duration is one month. After the renewal date is set to the 1st day of each month, the resource will expire on May 1, 2024. Actual renewal duration = Duration supplemented from the original expiration date in the billing cycle (6 days, from March 26 to March 31) + Original renewal duration (1 month) + Duration supplemented to the renewal date (1 day, May 1) = 1 month + 7 days

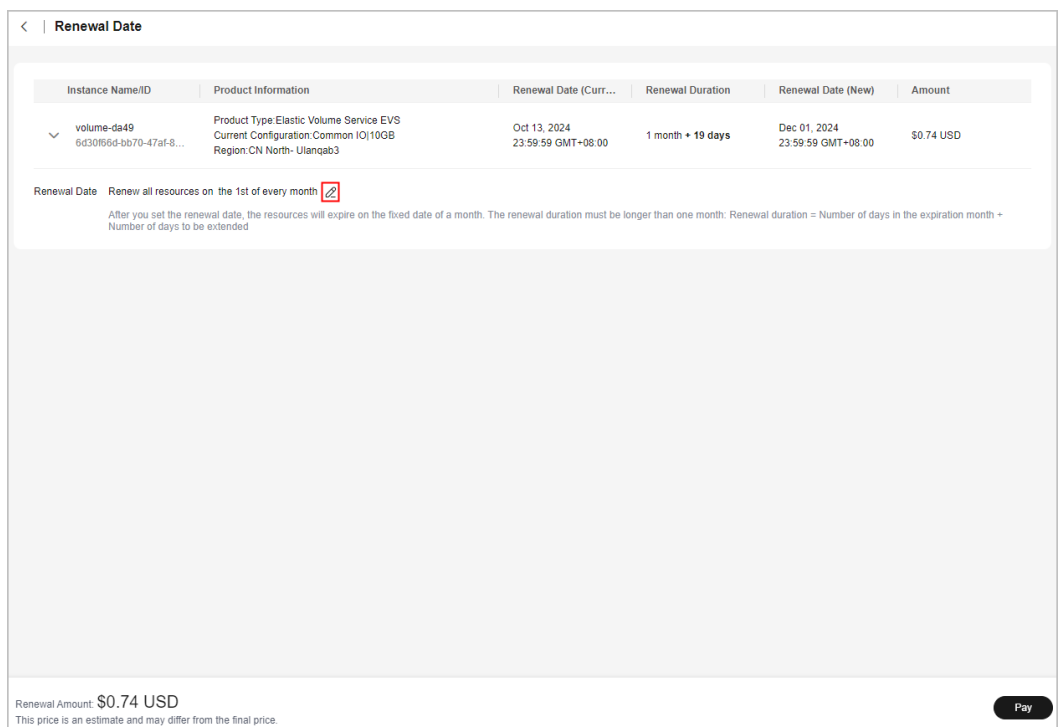
#### Setting a Renewal Date

**Step 1** Go to the [Renewals](#) page.

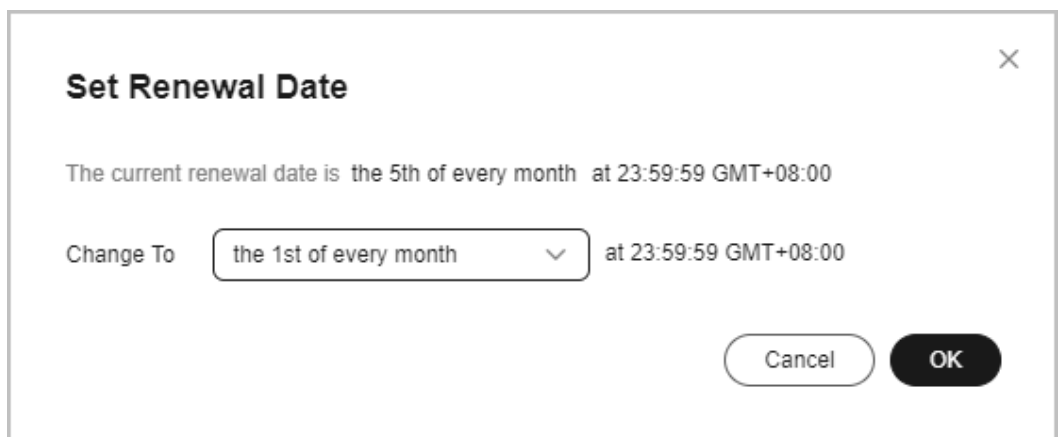
**Step 2** On **Manual Renewals** or **Auto Renewals**, select the instances for which the renewal date will be set, and click **Set Renewal Date**.



**Step 3** On the **Renewal Date** page, click . The setting dialog box is displayed.



**Step 4** Set the renewal date, and click **OK**. A prompt will be displayed indicating that the setting is successful.



**Step 5** Click **Pay**. After the payment is complete, the instances will be renewed to the specified renewal date.

----End

## Renewing Resources to the Renewal Date

**Step 1** Go to the [Renewals](#) page.

**Step 2** Select the instance to be renewed.

- **Individual renewal:** Click **Renew** in the **Operation** column for the desired instance.
- **Batch renewal:** Select the desired instances, and click **Renew** on top of the list.

**Step 3** Confirm the instance information, and set the renewal date.

**Renew**

If you change the resource specifications before its renewal period takes effect, the renewal period cannot be unsubscribed from.

**Instances To Be Renewed: 1**

Instance Name/ID	Product Information	Auto-Renew	Renewal Duration	Expiration Time	Fee
volume-c1cs 2009054-054f-4d1e-94ac-19d7799c3549	Product Type Elastic Volume Service E10 Current Configuration Common IO/100B Region CN North-Ulamb3	Disabled	1 year +21 days	Current: Dec 11, 2024 23:59:59 GMT+08:00 New: Jan 01, 2026 23:59:59 GMT+08:00	\$4.86 USD

**Renewal Settings**

Renewal Duration

1 month 2 months 3 months 4 months 5 months 6 months 7 months 8 months 9 months 1 year

Auto-Renew  
If you have the sufficient balance, your resources will be automatically renewed based on the current renewal period. [Learn More](#)

Renewal Date

Renew on the standard renewal date, the 1st of every month at 23:59:59 GMT+08:00

If you change the expiration date to [Renewal Date](#), the expenditures will be added. You can check the renewal days in the Renewal Duration column.

Price: \$4.86 USD (Savings: \$0.97 USD) Discount Details

Pay

### NOTE

- Click to set the renewal date.
- In the **Expiration Time** column, you can view the new expiration time after the instance is renewed to the renewal date.

**Step 4** Click **Pay**. After the payment is complete, the instances will be renewed to the specified renewal date.

----End

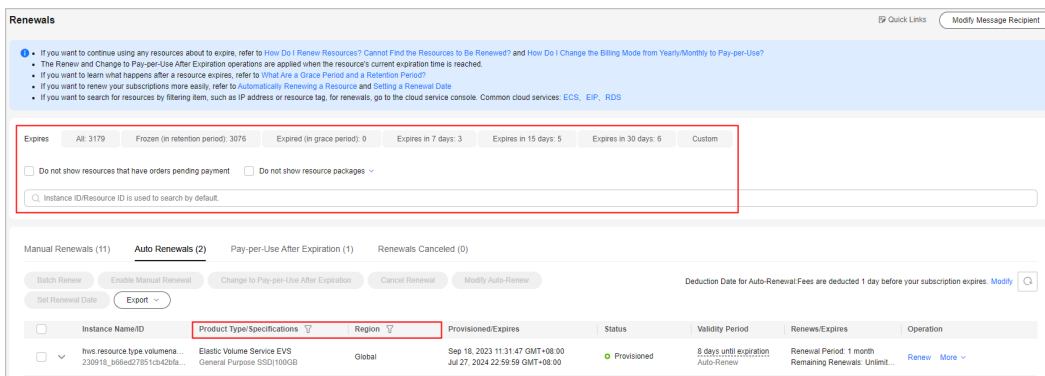
## 2.2.2.4 Enabling Manual Renewal

You can switch the instances (excluding instances no longer available) that have been set to be automatically renewed, changed to pay-per-use after expiration, and not renewed after expiration to manual renewal. All instances that are set to manual renewal will be moved to the **Manual Renewals** page.

### Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.

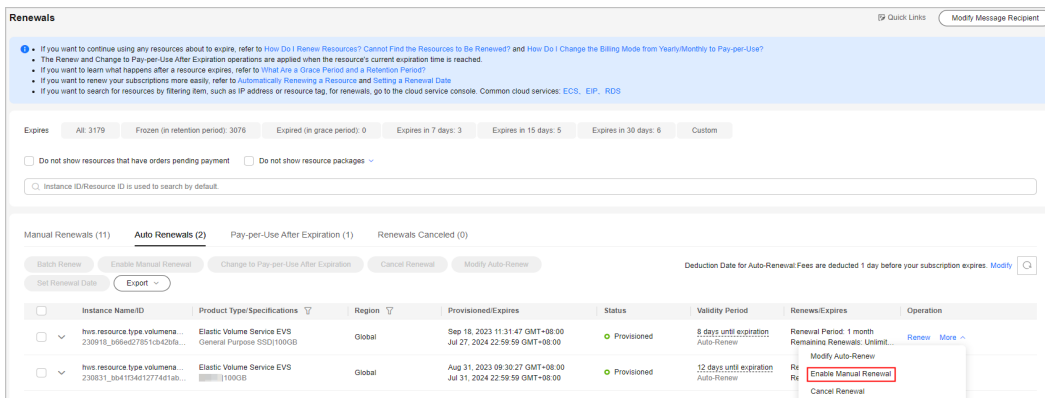


**NOTE**

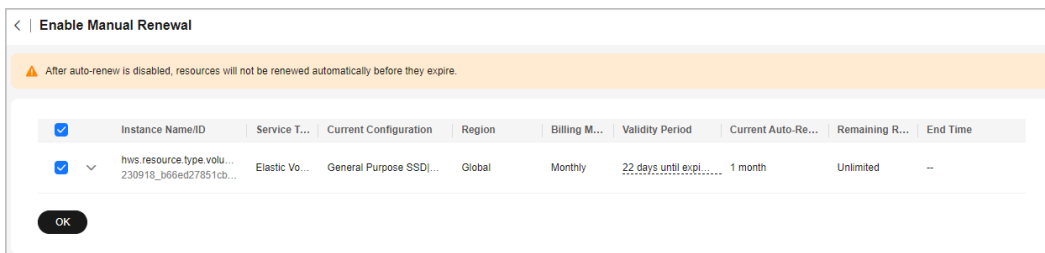
- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.

On the **Auto Renewals**, **Pay-per-Use After Expiration**, and **Renewals Canceled** pages, you can switch the instances to manual renewal.

**Step 3** Locate the instances that you want to set to manual renewal on the list. Click **More > Enable Manual Renewal** in the **Operation** column.



**Step 4** On the displayed page, click **OK**.



----End

## 2.2.3 Auto-renewal

### 2.2.3.1 Auto-Renewal Rules

To prevent resource data from being deleted when a resource expires, you can enable auto-renewal after subscribing to a yearly/monthly resource. With auto-renewal, your resources are automatically renewed before expiration.

### Application Scope

Auto-renewal applies to yearly/monthly resources, but not to solution portfolio products.

For resources no longer available, you cannot enable or disable auto-renewal, or modify auto-renewal information. If auto-renewal has been enabled, the resources can still be automatically renewed. However, if you have chosen not to renew a resource after it expires, you cannot automatically renew it anymore.

The table below lists the cloud services which support auto-renewal.

Category	Product		
Compute	Elastic Cloud Server (ECS)	Bare Metal Server (BMS)	Cloud Phone Host (CPH)
	FlexusL	FlexusX	Dedicated Host (DeH)
Storage	Object Storage Service (OBS)	Elastic Volume Service (EVS)	Cloud Backup and Recovery (CBR)
	Scalable File Service (SFS)		
Networking	Virtual Private Cloud (VPC)	Elastic IP (EIP)	Direct Connect
	Cloud Connect	Virtual Private Network (VPN)	
Container services	Cloud Container Engine (CCE)		
Databases	Relational Database Service (RDS)	Data Replication Service (DRS)	Document Database Service (DDS)
	TaurusDB	GaussDB	Flexus RDS
Security & Compliance	Web Application Firewall (WAF)	Cloud Firewall (CFW)	Cloud Bastion Host (CBH)
	Cloud Certificate Manager (CCM)	Data Encryption Workshop (DEW)	Data Security Center (DSC)

Category	Product		
	Situation Awareness (SA)	Anti-DDoS Service (AAD)	Host Security Service (HSS)
	SecMaster		
<b>AI</b>	Image Recognition	Optical Character Recognition (OCR)	Content Moderation
	Image Search	Conversational Bot Service (CBS)	Video Ingestion and Analysis Service (VIAS)
	ModelArts		
<b>Analytics</b>	MapReduce Service (MRS)	Cloud Search Service (CSS)	DataArts Studio
<b>IoT</b>	IoT Device Access (IoTDA)		
Middleware	DMS for Kafka	DMS for RabbitMQ	DMS for RocketMQ
	API gateways		
<b>Business Applications</b>	HUAWEI CLOUD Meeting	ROMA Connect	
<b>Management &amp; Governance</b>	Application Orchestration Service (AOS)		
<b>Migration</b>	Cloud Data Migration (CDM)		
<b>Dedicated Cloud</b>	Dedicated Computing Cluster (DCC)		
<b>KooGallery</b>	SaaS offerings and manual service offerings		

Note: As for specifics, see the actual renewal page.

## Payment Collection Sequence

Auto-renewals can be paid using your account balance (including cash balance and credit balance), cash coupons, bound credit card, and discounts. They are used in the following order of priority:

Discount (use one at a time) → Cash coupon (use one at a time) → Account balance (cash balance first and then credit balance) or bound credit card (when the account balance is not enough)

If multiple discounts and coupons can be applied, the system uses them in the sequence described above.

For example, the amount for an auto-renewal is \$2,000 USD. The system can use commercial discount (10% off), coupon (\$100 USD), account balance (including cash balance and credit balance, \$1000 USD), and bound credit card to make the payment. Therefore, the actual amount due =  $2000 \times 0.9$  (10% off discount) - 100 (coupon) = 1000 (account balance) + 700 (credit card) = \$1700 USD.

## Discount Usage Rule

The following rules apply only to valid discounts:

1. The system selects the highest discount from the applicable discounts (commercial discounts, partner authorized discounts, and promotional discounts). **A promotional discount is taken into account only when it was used in a historical order.**

Example: A customer has a commercial discount (20% off), a partner authorized discount (10% off), and a promotional discount (30% off, which was used in a historical order). When the customer's relevant resource is automatically renewed on January 01, 2024, the promotional discount (30% off) is selected.

2. If multiple promotional discounts were used in historical orders, the promotional discount that took effect most recently takes precedence.

A customer has a commercial discount (20% off) and a partner authorized discount (10% off). In historical orders, a promotional discount of 30% off (effective date: November 01, 2023) and a promotional discount of 25% off (effective date: December 01, 2023) were used. All promotional discounts are within the validity period. When the customer's relevant resource is automatically renewed on January 01, 2024, the system compares the promotional discount that has been used before and took effect most recently (25% off), the commercial discount (20% off) and the partner authorized discount (10% off), and selects the optimal discount: the promotional discount (25% off).

3. If multiple promotional discounts that took effect on the same day were used in historical orders, the promotional discount that was used for the latest order takes precedence.

Example: A customer has a commercial discount (20% off) and a partner authorized discount (10% off). In historical orders, a promotional discount of 30% off (effective date: January 01, 2023) and a promotional discount of 25% off (effective date: January 01, 2023) were used. When the customer's relevant resource was automatically renewed on January 01, 2024, the system compares the promotional discount of 25% off which was used for the most recently placed order with the commercial discount (20% off) and the partner authorized discount (10% off), and selects the optimal discount: the promotional discount (25% off).

4. If there is no difference to use the commercial discount, partner authorized discount, or promotional discount (used in a historical order), the commercial

discount is used first, then the partner authorized discount, and finally the promotional discount.

## Cash Coupon Usage Rule

The following rules apply only to valid cash coupons:

1. Huawei Cloud searches all valid cash coupons of the account.
  - If the balance of multiple valid cash coupons can cover the payment, Huawei Cloud deducts the amount to be paid from the coupon with the maximum balance for the renewal.
  - If the balance of any valid cash coupon cannot cover the payment, Huawei Cloud selects the one with the maximum balance and will automatically deduct the remaining amount from the account balance (including the credit balance and cash balance) or settled using the added credit cards.
2. If multiple cash coupons have the same balance, Huawei Cloud prefers the cash coupon that expires earliest.
3. After requesting the automatic payment for the renewal, Huawei Cloud locks the amount to be deducted from the selected cash coupon. After the payment is complete, the amount is deducted. If the payment fails or times out, the amount is unlocked.

## Fee Deduction Time

If you do not set the auto-renewal deduction date, Huawei Cloud will initiate a payment request at 03:00 seven days before the resource expires by default. Once you set the fee deduction date, the system initiates a payment request at 03:00 on the specified date. Ensure that you have sufficient account balance or credits in your added credit card. For details about how to set the deduction date for auto-renewal, see [Setting Deduction Date for Auto-Renewal](#).

If the first fee deduction for auto-renewal fails due to insufficient account balance or credit balance of your added card, the system then will attempt to charge fees at 03:00 every day before the resource expires. Once the fee deduction is successful, the resource is renewed.

If you enable auto-renewal for a resource on the expiration date and the resource will expire earlier than 03:00 (GMT+08:00) on that day, the auto-renewal may fail. To avoid this situation, the auto-renewal fee deduction can be triggered immediately in either of the following scenarios:

- You enable auto-renewal for a resource before 03:00 (GMT+08:00), and the resource will expire before 03:00 (GMT+08:00) on that day.
- You enable auto-renewal for a resource after 03:00 (GMT+08:00), and the resource will expire before 03:00 (GMT+08:00) the next day.

### NOTE

In the auto-renewal for a composite product (for example, ECS + image + EVS), Huawei Cloud charges only the products provided by itself. You need to contact the third-party service provider for the payment details of its products. After the auto-renewal is successful, you can view the renewal details on the **My Orders** page.



## Auto-Renewal and Manual Renewal

When auto-renewal is enabled, you can still perform a manual renewal. If you pay a renewal manually before the day when you will be automatically charged for the auto-renewal, the system will re-calculate the next auto-renewal day based on the expiration day of the manual renewal.

## Rules for Setting Auto-Renewal When Automatically Renewing a Cloud Service

Auto-renewal period: same as the manual renewal duration.

Number of auto-renewals: unlimited.

Example:

You purchased an ECS, and selected auto-renewal when you manually renewed it. If you manually renew it for 8 months, the auto-renewal period is 8 months. If you manually renew it for 2 years, the auto-renewal period is 2 years.

## Rules for Setting Auto-Renewal When Purchasing a Cloud Service

- Monthly: Your subscription will be automatically renewed each month.
- Yearly: Your subscription will be renewed each year.

Example:

You purchased an ECS and enables auto-renewal for it. If the ECS subscription term is 8 months, it will be automatically renewed each month. If the ECS subscription term is 2 years, it will be automatically renewed each year.

### 2.2.3.2 Enabling Auto-Renewal

To prevent a resource from being deleted upon expiration, you can enable auto-renewal for yearly/monthly resources you frequently use. Note [Auto-Renewal Rules](#) when enabling auto-renewal.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.

The screenshot shows the 'Renewals' page with a search filter set to 'Expires in 7 days: 3'. Below the filter, there are tabs for 'Manual Renewals (1)', 'Auto Renewals (0)', 'Pay-per-Use After Expiration (0)', and 'Renewals Canceled (0)'. A table of manual renewals is displayed with the following data:

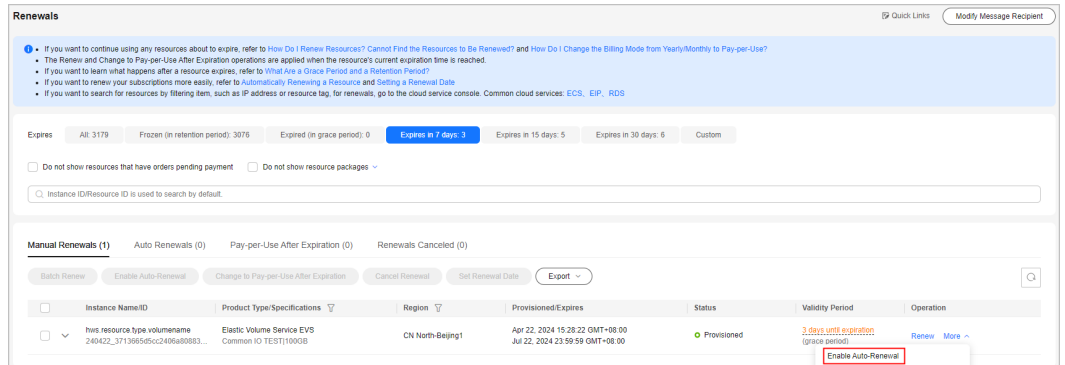
Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
his_resource_type_volumename 240422_3713955d5cc2406a80883...	Elastic Volume Service EVS Common IO TEST1100GB	CN North-Beijing1	Apr 22, 2024 15:28:22 GMT+08:00 Jul 22, 2024 23:59:59 GMT+08:00	Provisioned	3 days until expiration (grace period)	Renew More

 NOTE

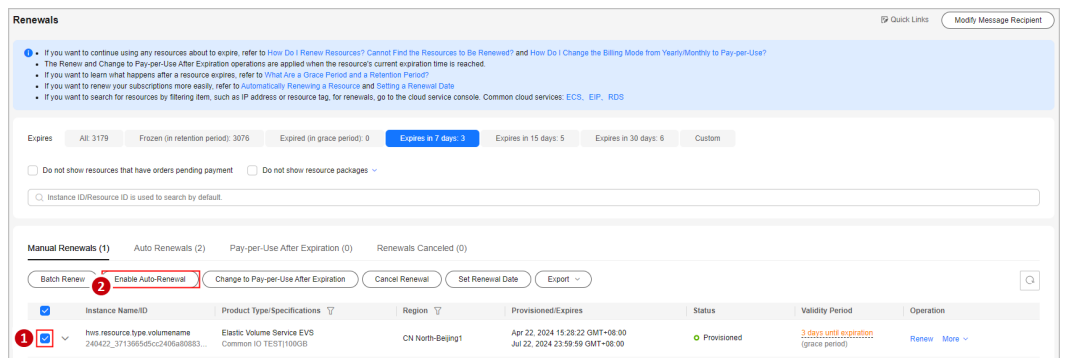
- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.
- On the **Auto Renewals** page, you can view the instances for which auto-renewal has been enabled.
- You can enable auto-renewal for instances on the **Manual Renewals, Pay-per-Use After Expiration**, and **Renewals Canceled** pages.

**Step 3** The resource can be automatically renewed one by one or in batches:

- **Individual auto-renewal:** Click **Enable Auto-Renew** in the **Operation** column for the desired instance.



- **Batch auto-renewal:** Select the desired instances, and click **Enable Auto-Renew** on top of the list.



**Step 4** Set the auto-renewal period and number of preset auto-renewals, and click **OK**.

**Enable Auto-Renewal**

• Huawei Cloud starts deducting renewal fees from your account before the expiration of the current subscription term. Ensure that your account balance is sufficient.

• You can manually renew your resources at any time even if auto-renew is enabled. After a manual renewal is complete, auto-renew is still in effect, and Huawei Cloud will start deducting renewal fees from your account before the expiration of the new subscription term.

• Auto-renewals can be paid using your account balance. If your account balance is insufficient, your associated credit card is used to make the payment. Auto-renewals do not support payments made by your partner.

<input checked="" type="checkbox"/>	Instance Name/ID	Service T...	Current Configuration	Region	Billing M...	Validity Period	Current Auto-Re...	Remaining R...	End Time
<input checked="" type="checkbox"/>	hws.resource.type.vol... 240422_3713665d5cc2...	Elastic Vo...	Common IO TEST 100GB	CN North-Beij...	Monthly	3 days until expir...	Disabled	1	Oct 22, 2024 23.5...

New Auto-Renew Period: 1 month, 2 months, **3 months**, 4 months, 5 months, 6 months, 7 months, 8 months, 9 months, 1 year

Auto-renewals:  Preset Auto-renewals,  Unlimited,  Custom

1 After this maximum number of auto-renewals has been reached, auto-renewal will be disabled.

OK

### NOTE

- **New Auto-Renew Period:** indicates how often an instance is automatically renewed. As shown in the preceding figure, if **New Auto-Renew Period** is changed to 3 months, the system automatically renews the subscription term every three months and charges the renewal fee for three months each time.
- **Auto-renewals:** By default, this option is not selected, indicating that the number of auto-renewals is not limited. You can select **Reset Auto-renewals** and set the auto-renewals to a required value. After the number of auto-renewals reaches the preset value, the instance is automatically moved on the **Manual Renewals** tab, and you need to manually renew it.
- For instances for which auto-renewal has been enabled, you can view the auto-renewal period and remaining auto-renewal times on the **Auto-Renewals** tab.
- If you manually renew the instance before the auto-renewal deduction date, the expiration date is updated, and the number of auto-renewals is not affected. The Billing Center will automatically renew the instance before the new expiration date.

----End

### 2.2.3.3 Modifying Auto-Renewal

After enabling auto-renewal, you can change the renewal period and number of renewals.

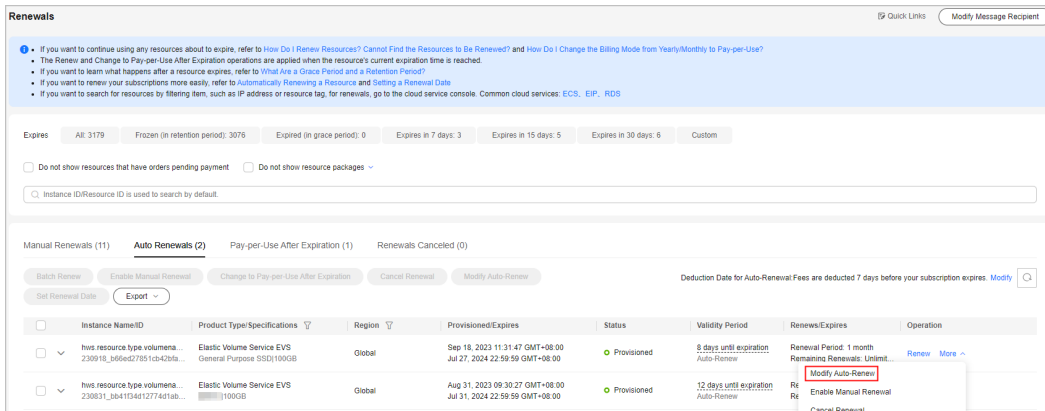
### Important Notes

Only auto-renewal information for instances available can be modified.

### Procedure

**Step 1** Go to the [Renewals](#) page.

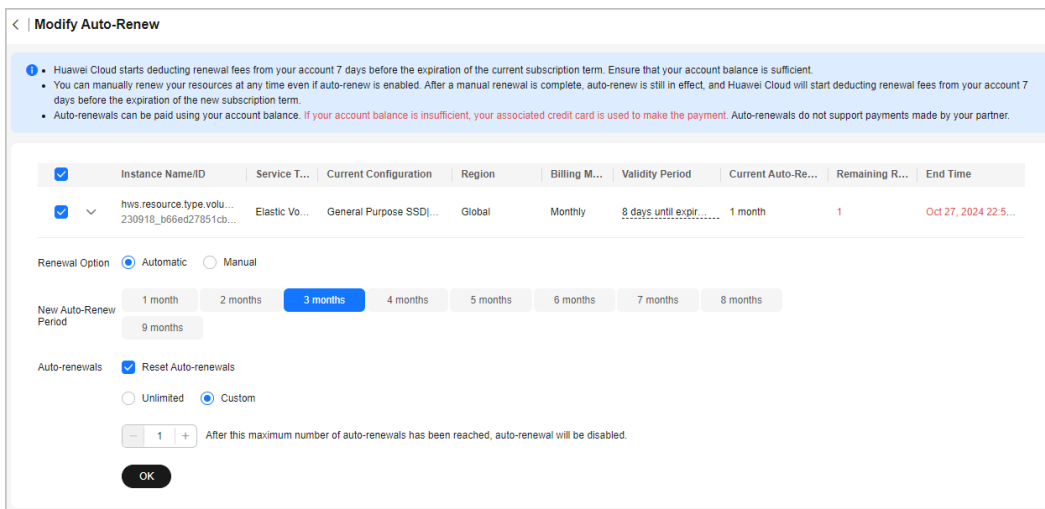
**Step 2** On the **Auto Renewals** page, click **Modify Auto-Renew** in the **Operation** column for the desired instance.



**NOTE**

- The instances for which auto-renewal has been enabled are moved to the **Auto Renewals** page. Modify auto-renewal for these instances on the **Auto Renewals** page.
- If the **Modify Auto-Renew** button is not displayed, click **More** and you can see the button.

**Step 3** **Renewal Option** is **Automatic** by default, indicating that the system will automatically renew your instances upon expiration. You can change the auto-renewal period and number of auto-renewals.



**NOTE**

- **New Auto-Renew Period:** indicates how often an instance is automatically renewed. As shown in the preceding figure, if **New Auto-Renew Period** is changed to 3 months, the system automatically renews the subscription term every three months and charges the renewal fee for three months each time.
- **Reset Auto-renewals:** By default, this option is not selected. You can select this option, and set the number of auto-renewals to **Unlimited** or the required value.
- For instances for which auto-renewal has been enabled, you can view the auto-renewal period and remaining auto-renewal times on the **Auto-Renewals** tab.

**Step 4** Click **OK**.

----End

## 2.2.3.4 Disabling Auto-Renewal

You can disable auto-renewal as needed. All resources that are restored to manual renewal will be moved to the **Manual Renewals** tab.

### Important Notes

- If you do not set the auto-renewal deduction date, Huawei Cloud will initiate a payment request at 03:00 seven days before the resource expires by default. You need to disable auto-renewal before Huawei Cloud initiates the payment request for the current period. Otherwise, Huawei Cloud still collects the payment. If you disable auto-renewal after the payment request is initiated, the auto-renewal will not work in the next period. If the renewal has not taken effect, you can unsubscribe from the renewal period.
- To disable auto-renewal for resources no longer available, click **Cancel Renewal**. They will not be renewed upon their expiration. Do not click **Modify Auto-Renew** for these resources.

### Procedure

**Step 1** Go to the **Renewals** page.

**Step 2** On the **Auto Renewals** page, click **Modify Auto-Renew** in the **Operation** column for the desired instance.

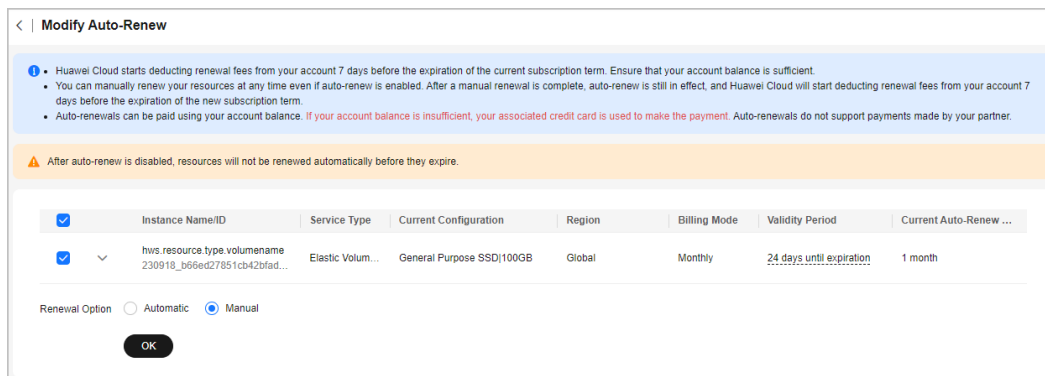
The screenshot shows the 'Renewals' page in the Huawei Cloud console. It features a search bar, filter tabs for 'Manual Renewals (11)', 'Auto Renewals (2)', 'Pay-per-Use After Expiration (1)', and 'Renewals Canceled (0)'. Below the filters is a table of instances. The table has columns for Instance Name/ID, Product Type/Specifications, Region, Provisioned/Expires, Status, Validity Period, Renewals/Expires, and Operation. Two instances are listed under 'Auto Renewals'. The second instance has a 'Modify Auto-Renew' button highlighted in red in the Operation column.

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Renewals/Expires	Operation
hws_resource_type.volumena-230918_b66ed27851cb42bfa...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Sep 18, 2023 11:31:47 GMT+08:00 Jul 27, 2024 22:59:59 GMT+08:00	Provisioned	8 days until expiration Auto-Renew	Renewal Period: 1 month Remaining Renewals: Unlimit	Renew More
hws_resource_type.volumena-230831_b641f5461271451ab...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Aug 31, 2023 09:30:27 GMT+08:00 Jul 31, 2024 22:59:59 GMT+08:00	Provisioned	12 days until expiration Auto-Renew	Renewal Period: 1 month Remaining Renewals: Unlimit	Modify Auto-Renew Enable Manual Renewal Cancel Renewal

### NOTE

- The instances for which auto-renewal has been enabled are moved to the **Auto Renewals** page. Modify auto-renewal for these instances on the **Auto Renewals** page.
- If the **Modify Auto-Renew** button is not displayed, click **More** and you can see the button.

**Step 3** Set Renewal Option to Manual.



**Step 4** Click **OK**.

----End

### 2.2.3.5 Deduction Date for Auto-Renewal

If you enable auto-renewal for resources but do not set the deduction date for the auto-renewal, Huawei Cloud will initiate a payment request at 03:00 (GMT+08:00) seven days before the resources expire by default. If you set a deduction fee date for auto-renewal, the system will deduct the fee at 03:00 (GMT+08:00) on the specified date. Ensure that you have sufficient account balance or credits in your added credit card. For more details, see [Auto-Renewal Rules](#).

### Important Notes

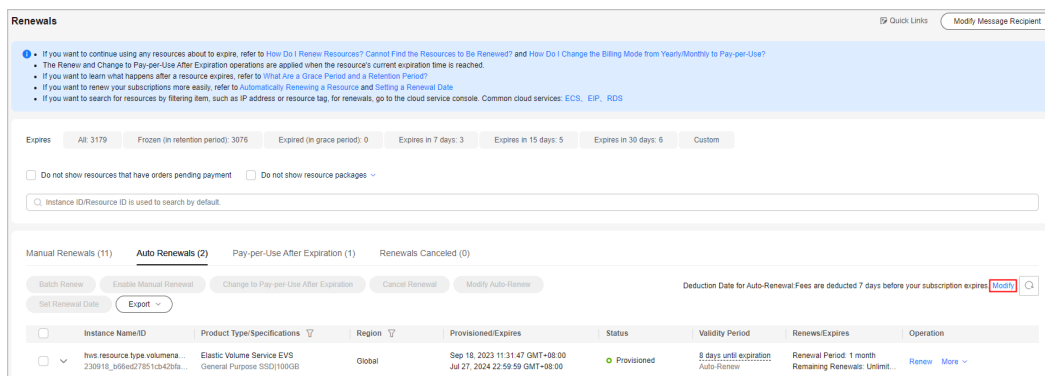
If you enable auto-renewal for a resource on the expiration date and the resource will expire earlier than 03:00 (GMT+08:00) on that day, the auto-renewal may fail. To avoid this situation, the auto-renewal fee deduction can be triggered immediately in either of the following scenarios:

- You enable auto-renewal for a resource before 03:00 (GMT+08:00), and the resource will expire before 03:00 (GMT+08:00) on that day.
- You enable auto-renewal for a resource after 03:00 (GMT+08:00), and the resource will expire before 03:00 (GMT+08:00) the next day.

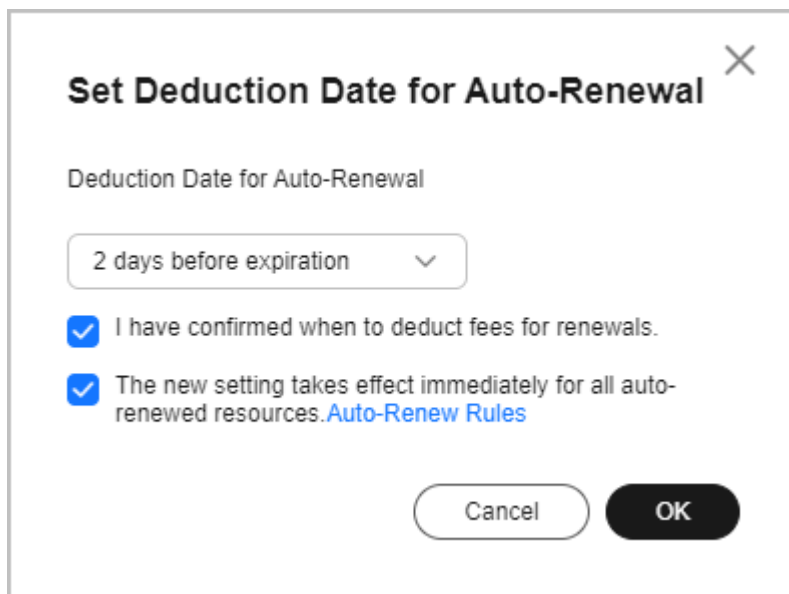
### Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** In the upper right corner of the page, view the fee deduction time, and click **Modify**.



**Step 3** On the displayed dialog box, set the date, check the hint box, and click **OK**.



**Set Deduction Date for Auto-Renewal** ✕

Deduction Date for Auto-Renewal

2 days before expiration ▾

I have confirmed when to deduct fees for renewals.

The new setting takes effect immediately for all auto-renewed resources. [Auto-Renew Rules](#)

Cancel OK

----End

## 2.2.4 Renewing Resource Packages

### 2.2.4.1 Resource Package Usage Rules

A resource package is a resource quota you buy in advance. If the resource package is used up or expires, you will be billed based on the resource's pay-per-use price. [View the price details](#).

### Resource Package Types and Usage

Resource packages are classified into resettable and non-resettable resource packages.

Type	Description
Resettable package	<p>Its capacity decreases linearly. The capacity is cleared at the end of each reset period and restored at the beginning of the next reset period until the package expires.</p> <p>For example, if a monthly resettable Cloud Container Instance (CCI) resource package (2,920 GB*hour/month) takes effect from July 01, 2019 00:00:00 to July 01, 2020 00:00:00, 2,920 GB*hour of memory can be deducted each month within the effective period.</p>
Non-resettable package	<p>Its capacity decreases linearly and is deducted continuously before it is used up.</p> <p>If the total capacity of a non-resettable Image Tagging resource package is 10,000 times and the package is valid from July 01, 2019 00:00:00 to July 01, 2020 00:00:00, 10,000 times can be deducted within the validity period.</p>

## Scenarios

You can perform different operations on resource packages by their types.

### 1. The resource package is used up in advance.

- **For a resettable resource package**, no operation is required. This is because the capacity will be restored at the beginning of the next reset period before the package expires.

Example:

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
fgpYearlyUniversalPackage 01154-204602151-0	Object Storage Service OBS   Resource package Standard Storage Storage resource packages 1...	CN North- Ulanqab3	Jun 28, 2024 16:03:30 GMT+08:00 Jun 28, 2025 23:59:59 GMT+08:00	Provisioned	344 days until expiration Auto expire	Renew   Buy Again More
<b>Resource Package Details</b>						
Name fgpYearlyUniversalPackage	ID 01154-204602151-0	Product Type Object Storage Service OBS				
Region CN North- Ulanqab3	Current Configuration Standard Storage Storage resource packages 100GB   Resettable					
Order No. CS24050616047D1MMK	Enabled Jun 28, 2024 16:03:30 GMT+08:00	Expiration Time Jun 28, 2025 23:59:59 GMT+08:00				
Status Provisioned	Upon Expiration Auto expire					

A 100-GB OBS resource package takes effect from June 28, 2024 to June 28, 2025. During the period, you will obtain 100-GB traffic for each month, and the overage traffic will be billed on a pay-per-use basis.

#### NOTE

- After the package is used up in the current reset period, if you continue using the resource, the subsequent usage will be billed at the pay-per-use price. You can view the expenditures by choosing **Bills** > Bill Details after the settlement period.
- If the resource package is always used up in advance, you are advised to upgrade the specifications of the resource package or purchase more resource packages. The specification upgrade cannot take effect until the next reset period, while the newly-purchased resource package will take effect immediately.

Note: Currently, only some resettable resource packages support specification upgrade. For details, see the specific cloud service page.

- **For a non-resettable resource package**, you can buy another resource package on the cloud service console or on the **Resource Packages** page of the Billing Center. The newly-purchased resource package takes effect immediately.

Example:

Instance Name/ID	Product Type/Specifications	Region	Enterprise Project	Provisioned/Expires	Status	Validity Period	Operation
CDN   01154-437101369-0	Content Delivery Network   Resource package CDN Mainland China package 500GB_6 months	Global	--	May 13, 2024 09:05:35 GMT+08:00 Nov 13, 2024 23:59:59 GMT+08:00	Provisioned	117 days until expiration Auto expire	Renew   More
<b>Resource Package Details</b>							
Name CDN Mainland China package 500GB_6 months	ID 01154-437101369-0	Product Type Content Delivery Network					
Region Global	Current Configuration CDN Mainland China package 500GB_6 months   Unresettable						
Order No. CS24051309050P89W	Enabled May 13, 2024 09:05:35 GMT+08:00	Expiration Time Nov 13, 2024 23:59:59 GMT+08:00					
Status Provisioned	Upon Expiration Auto expire						

A 500-GB CDN resource package takes effect from May 13, 2024 to November 13, 2024. You will obtain 500-GB traffic in total during the period. Before the package is used up, buy the resource package again in case of usage interruption.



 **NOTE**

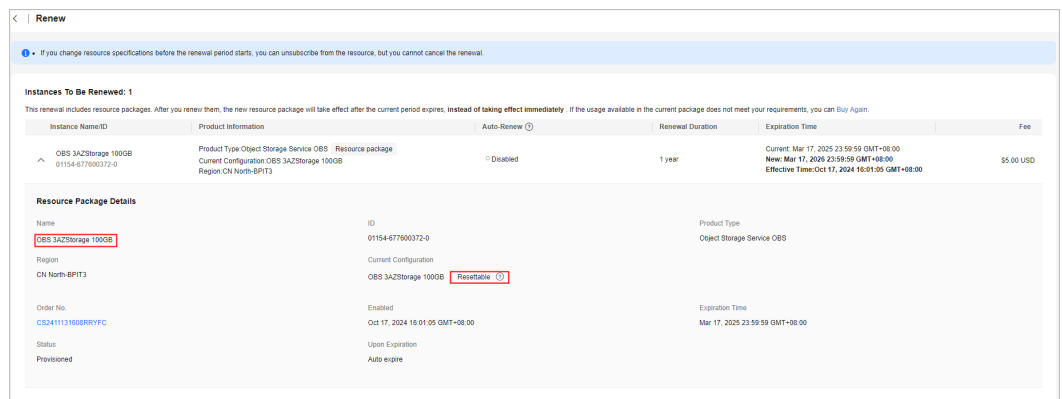
If auto-renewal is not enabled for a resource package and the package is used up before its expiration, the package expires immediately and cannot be renewed. You can only purchase the package again on the Resource Packages page of the Billing Center or on the cloud service console. If you need to continue using the resources, you are advised to enable auto-renewal for the resource package or manually renew the resource package before it is used up.

**2. The resource package is about to expire.**

Both resettable and non-resettable resource packages can be renewed to prolong the effective period.

- After the resettable package is renewed, you can obtain the capacity of the same specifications in each reset period.

Example:



**Renew**

If you change resource specifications before the renewal period starts, you can unsubscribe from the resource, but you cannot cancel the renewal.

**Instances To Be Renewed: 1**

This renewal includes resource packages. After you renew them, the new resource package will take effect after the current period expires, instead of taking effect immediately. If the usage available in the current package does not meet your requirements, you can [Buy Again](#).

Instance Name/ID	Product Information	Auto-Renew	Renewal Duration	Expiration Time	Fee
OBS 3AZStorage 100GB 01154-677600372-0	Product Type Object Storage Service OBS Resource package Current Configuration OBS 3AZStorage 100GB Region CN North-BP13	Disabled	1 year	Current: Mar 17, 2025 23:59:59 GMT+08:00 New: Mar 17, 2026 23:59:59 GMT+08:00 Effective Time: Oct 17, 2024 16:01:05 GMT+08:00	\$5.00 USD

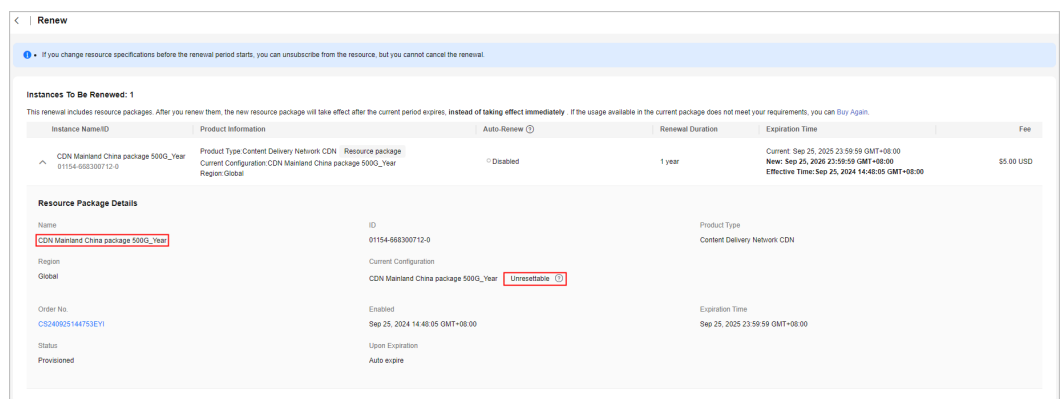
**Resource Package Details**

Name	ID	Product Type
OBS 3AZStorage 100GB	01154-677600372-0	Object Storage Service OBS
Region	Current Configuration	
CN North-BP13	OBS 3AZStorage 100GB <b>Resettable</b>	
Order No.	Enabled	Expiration Time
CS2411131608RVC	Oct 17, 2024 16:01:05 GMT+08:00	Mar 17, 2025 23:59:59 GMT+08:00
Status	Upon Expiration	
Provisioned	Auto expire	

A 100-GB OBS resource package is renewed with the renewal period set to 1 year. You will obtain 100-GB traffic each month during the renewed period.

- After the non-resettable resource package is renewed, the displayed capacity is the total in the new effective period.

Example:



**Renew**

If you change resource specifications before the renewal period starts, you can unsubscribe from the resource, but you cannot cancel the renewal.

**Instances To Be Renewed: 1**

This renewal includes resource packages. After you renew them, the new resource package will take effect after the current period expires, instead of taking effect immediately. If the usage available in the current package does not meet your requirements, you can [Buy Again](#).

Instance Name/ID	Product Information	Auto-Renew	Renewal Duration	Expiration Time	Fee
CDN Mainland China package 500G_Year 01154-668300712-0	Product Type Content Delivery Network CDN Resource package Current Configuration CDN Mainland China package 500G_Year Region Global	Disabled	1 year	Current: Sep 25, 2025 23:59:59 GMT+08:00 New: Sep 25, 2026 23:59:59 GMT+08:00 Effective Time: Sep 25, 2024 14:48:05 GMT+08:00	\$5.00 USD

**Resource Package Details**

Name	ID	Product Type
CDN Mainland China package 500G_Year	01154-668300712-0	Content Delivery Network CDN
Region	Current Configuration	
Global	CDN Mainland China package 500G_Year <b>Unresettable</b>	
Order No.	Enabled	Expiration Time
CS240925144732E1H	Sep 25, 2024 14:48:05 GMT+08:00	Sep 25, 2025 23:59:59 GMT+08:00
Status	Upon Expiration	
Provisioned	Auto expire	

A 500-GB CDN resource package is renewed with the renewal period set to 1 year. You will obtain 500-GB traffic in total during the renewed period.

 NOTE

- The **Renewals** page does not display the expired resource packages or resource packages that have been used up and auto-renewal is not enabled any longer. To view and purchase resource packages, go to the [Resource Packages](#) page in the Billing Center.
- If you choose to buy the resource package again, the new resource package takes effect immediately. If you choose to renew the resource package, the renewal takes effect only when the original resource package expires. For details, see [How Do I Choose Between Renew and Buy Again?](#)

## 2.2.4.2 Buying Resource Packages Again

By click **Buy Again**, you can buy the resource package in advance. In addition, you can make the resource package take effect immediately or specify its effective time as required, avoiding the service interruption.

Note that the resource package renewal does not take effect immediately, which may cause usage interruption. To learn more, see [How Do I Choose Between Renew and Buy Again?](#)

## Important Notes

Resource packages that are no longer available cannot be bought again.

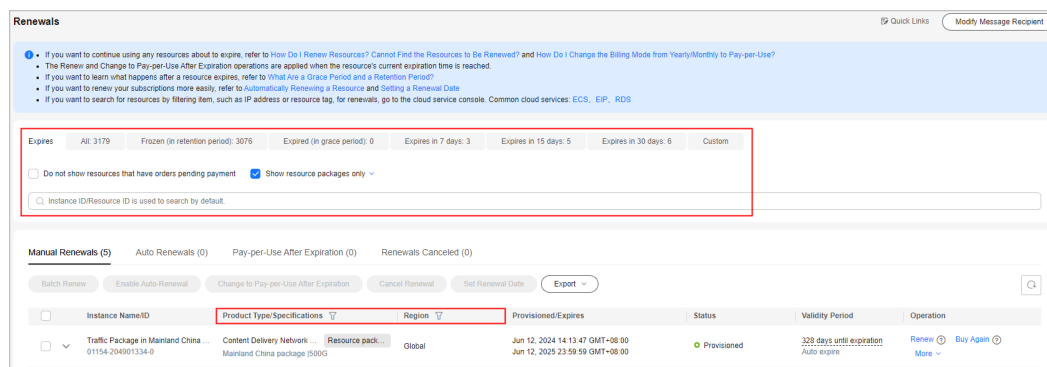
Only the resource packages for atomic products can be bought again. Any atomic product in a combined service cannot be bought again.

The OBS 40 GB standard storage package, OBS 50 GB outbound Internet traffic package, and VBS 40 GB resource package cannot be bought again, because special discounts have been given.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.



**Renewals** Quick Links Modify Message Receipt

- If you want to continue using any resources about to expire, refer to [How Do I Renew Resources? Cannot Find the Resources to Be Renewed? and How Do I Change the Billing Mode from Yearly/Monthly to Pay-per-Use?](#)
- The Renew and Change to Pay-per-Use After Expiration operations are applied when the resource's current expiration time is reached.
- If you want to learn what happens after a resource expires, refer to [What Are a Grace Period and a Retention Period?](#)
- If you want to renew your subscriptions more easily, refer to [Automatically Renewing a Resource and Setting a Renewal Date](#)
- If you want to search for resources by filtering item, such as IP address or resource tag, for renewals, go to the cloud service console. Common cloud services: ECS, EIP, RDS

Expires: All: 3179 Frozen (in retention period): 3076 Expired (in grace period): 0 Expires in 7 days: 3 Expires in 15 days: 5 Expires in 30 days: 6 Custom

Do not show resources that have orders pending payment  Show resource packages only

Instance ID/Resource ID is used to search by default

Manual Renewals (5) Auto Renewals (0) Play-per-Use After Expiration (0) Renewals Canceled (0)

Batch Renew Enable Auto-Renewal Change to Pay-per-Use After Expiration Cancel Renewal Set Renewal Date Export

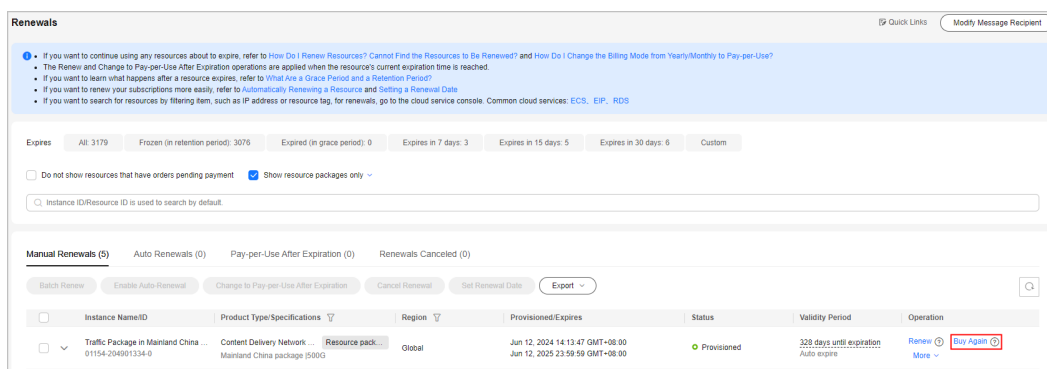
Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation	
<input type="checkbox"/>	Traffic Package in Mainland China ... 01154-204901334-0	Content Delivery Network ... Mainland China package 500G	Global	Jun 12, 2024 14:13:47 GMT+08:00 Jun 12, 2025 23:59:59 GMT+08:00	Provisioned	328 days until expiration Auto expire	Renew Buy Again More

 NOTE

- **Show resource packages only** is deselected by default. You can select it to view resource packages only.
- By **Expires**, you can quickly search for resource packages that are in the specified status or will expire in the specified period.
- You can search for resource packages by instance name, instance ID, or order number, or filter resource packages by product type or region. You can also filter resource packages by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.

You can query all atomic products to be bought again on the **Manual Renewals**, **Auto Renewals**, **Renewals Canceled** pages.

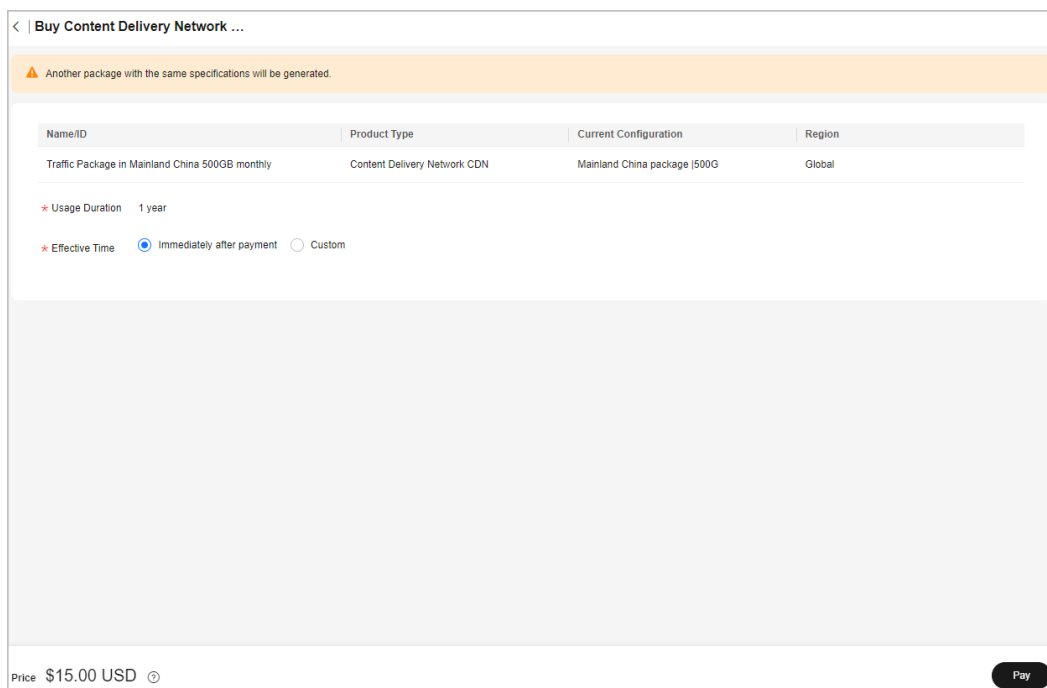
**Step 3** Identify the resource package you want to buy again on the **Renewals** page and click **Buy Again** in the **Operation** column.



The screenshot shows the 'Renewals' page with a table of resource packages. The 'Operation' column for the selected row contains a 'Buy Again' button.

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
Traffic Package in Mainland China ... 01154-204991334-0	Content Delivery Network ... Mainland China package 500GB	Global	Jun 12, 2024 14:13:47 GMT+08:00 Jun 12, 2025 23:59:59 GMT+08:00	Provisioned	328 days until expiration Auto expire	Renew <b>Buy Again</b>

**Step 4** Confirm the package information, usage duration, and effective time, and click **Pay**.



The screenshot shows the 'Buy Content Delivery Network ...' page. It includes a table with the following data:

Name/ID	Product Type	Current Configuration	Region
Traffic Package in Mainland China 500GB monthly	Content Delivery Network CDN	Mainland China package 500GB	Global

Below the table, the 'Usage Duration' is set to '1 year' and the 'Effective Time' is set to 'Immediately after payment'. A 'Pay' button is located at the bottom right of the page.

**NOTE**

You can specify the effective time when buying a resource package again.

**Step 5** Ensure that the payment is successful to complete the purchase.

----End

## 2.2.5 Non-Renewal After Expiration

If you no longer use a resource after it expires, you can set it to be not renewed after expiration. The resource will be moved to the **Renewals Canceled** page.

### Important Notes

For resources on the **Renewals Canceled** page, you can choose to manually renew them, enable auto-renewal again, or restore to manually renewing them. However, the preceding operations are not allowed for resources no longer available.

### Procedure

**Step 1** Go to the **Renewals** page.

**Step 2** Set the search criteria.

Renewals

Quick Links: Modify Message Recipient

- If you want to continue using any resources about to expire, refer to [How Do I Renew Resources? Cannot Find the Resources to Be Renewed?](#) and [How Do I Change the Billing Mode from Yearly/Monthly to Pay-per-Use?](#)
- The **Renew and Change to Pay-per-Use After Expiration** operations are applied when the resource's current expiration time is reached.
- If you want to learn what happens after a resource expires, refer to [What Are a Grace Period and a Retention Period?](#)
- If you want to renew your subscriptions more easily, refer to [Automatically Renewing a Resource and Setting a Renewal Date](#).
- If you want to search for resources by filtering item, such as IP address or resource tag, for renewals, go to the cloud service console. Common cloud services: [ECS](#), [EIP](#), [RDS](#)

Expires: All: 3179 Frozen (in retention period): 3076 Expired (in grace period): 0 Expires in 7 days: 3 Expires in 15 days: 5 Expires in 30 days: 6 Custom

Do not show resources that have orders pending payment  Do not show resource packages

Instance ID/Resource ID is used to search by default.

Manual Renewals (3172) Auto Renewals (4) Pay-per-Use After Expiration (1) Renewals Canceled (2)

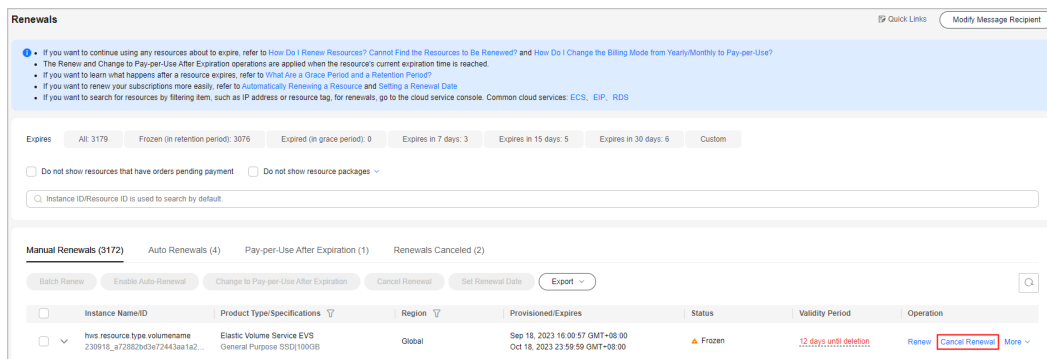
Batch Renew Enable Auto-Renewal Change to Pay-per-Use After Expiration Cancel Renewal Set Renewal Date Export

Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
hvs_resource_type_volumename_230913_35485c1b08a64980b32e...	Elastic Volume Service EVS General Purpose SSD 100GB	Global	Sep 13, 2023 19:22:48 GMT+08:00 Oct 13, 2023 23:59:59 GMT+08:00	Frozen	7 days until deletion	Renew Cancel Renewal More

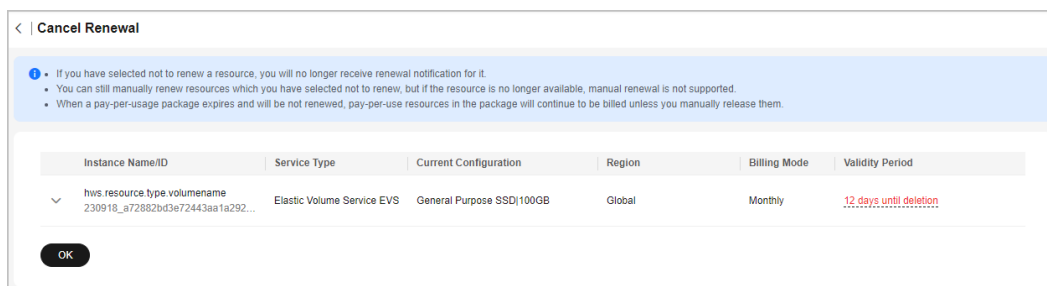
**NOTE**

- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.
- On the **Renewals Canceled** page, you can query the instances that have been set to be not renewed upon expiration.
- You can set instances on the **Manual Renewals**, **Auto Renewals**, and **Pay-per-Use After Expiration** pages to be not renewed upon expiration.

**Step 3** Click **Cancel Renewal** or choose **More > Cancel Renewal** in the **Operation** column for the desired instance.



**Step 4** On the displayed page, click **OK**.



----End

## 2.2.6 Changing the Billing Mode

### 2.2.6.1 Overview

If the current billing mode of resources does not meet service requirements, you can change the billing mode to a more appropriate one.

**Pay-per-use:** Pay only for the actual resource usage.

**Yearly/Monthly:** Subscribe to resources for 1 month, 1 year, multiple months, or multiple years. After the subscriptions are successful, resources are allocated to customers. If customers do not renew these resources before they expire, the resources will be released.

Change	From Pay-per-Use to Yearly/Monthly	From Yearly/Monthly to Pay-per-Use Upon Expiration	From Yearly/Monthly to Pay-per-Use Immediately
Scenario	Your resource usage becomes stable and will be stable for a long time. You want to spend less money on the resource usage.	After a monthly/monthly resource expires, you want to change the billing mode to pay-per-use to meet requirements on the flexible resource usage.	Before a monthly/monthly resource expires, you want to change the billing mode to pay-per-use immediately to meet requirements on the flexible resource usage.

<b>When to Change</b>	<ol style="list-style-type: none"><li>1. Immediately changed.</li><li>2. After the change takes effect, the resources are billed by subscription term.</li></ol>	<ol style="list-style-type: none"><li>1. Changed after the resources expire.</li><li>2. After the change takes effect, the resources are billed by usage.</li></ol>	<ol style="list-style-type: none"><li>1. Immediately changed.</li><li>2. After the change takes effect, the resources are billed by usage.</li></ol>
-----------------------	--	---	--

 **NOTE**

- If you change the billing mode from yearly/monthly to pay-per-use upon expiration, it will not take effect immediately. You can cancel the change before the resource expires. For details, see [Restoring to Manual Renewal](#).
- If you change the billing mode from yearly/monthly to pay-per-use immediately, it cannot be canceled.

### 2.2.6.2 From Pay-per-Use to Yearly/Monthly

You can change the billing mode of a resource from pay-per-use to yearly/monthly. Doing so will create an order. After you pay the order, the yearly/monthly subscription takes effect immediately.

#### Important Notes

- Only resources in use can have their billing modes changed.
- The billing mode of resources no longer available cannot be changed from pay-per-use to yearly/monthly.
- The billing mode of solution portfolio products cannot be changed from pay-per-use to yearly/monthly.
- The billing mode of spot instances cannot be changed from pay-per-use to yearly/monthly.
- For cloud services changed from pay-per-use to yearly/monthly, if you select **Auto renew**, monthly subscriptions are renewed for 1 month and yearly subscriptions are renewed for 1 year.

---

**NOTICE**


To change the billing mode of a cloud service from pay-per-use to yearly/monthly, go to the **cloud service console**. For details, see the user guide of the corresponding cloud service.

---

#### Procedure

The following uses an EIP as an example to describe how to change its billing mode from pay-per-use to yearly/monthly.

**Step 1** Log in to the management console.

**Step 2** Click  in the upper left corner, and select the desired region and project.

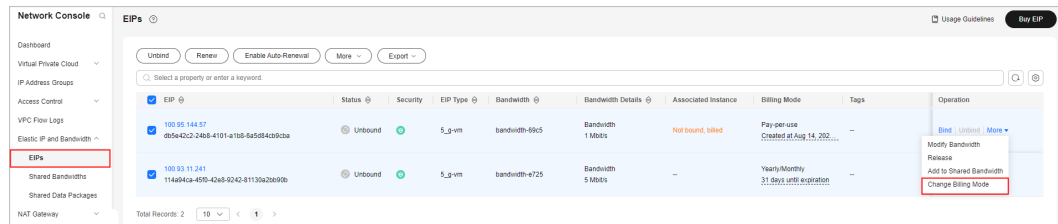
**NOTE**

On the **My Resources** page, you can view the region to which your purchased product belongs.

**Step 3** Choose **Networking > Elastic IP**.

**Step 4** On the EIP list, select the target EIP.

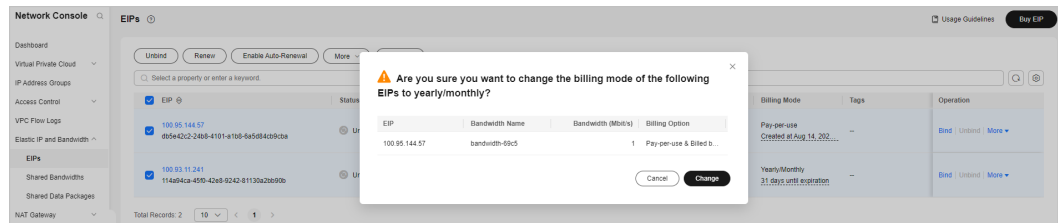
**Step 5** Choose **More > Change Billing Mode** in the **Operation** column.

**NOTE**

The billing mode of multiple EIPs can be changed in batches. To do so, perform the following operations:

1. Select the target EIPs.
2. Choose **More > Change Billing Mode** in the **Operation** column.

**Step 6** On the displayed page, confirm the information and click **Change**.



**Step 7** Select the usage duration, determine whether to enable auto-renewal, confirm the expected expiration date and price, and click **Pay**.

<input checked="" type="checkbox"/>	Name/ID	Service Type	Specifications	Region	Status	Enabled
<input checked="" type="checkbox"/>	100.95.144.57 db5e42c2-24b8-4101-a1b8-6a5d84cb9c8a	Virtual Private Cloud	bandwidth bandwidth1Mbps	CN North-Ulangab3	Subsc...	Aug 14, 2024 14:30:47 GMT+08:00

Usage Duration: 1 month | 2 months | 3 months | 4 months | 5 months | 6 months | 7 months | 8 months | 9 months | 1 year

Auto-Renew

Expected Expiration Date: Sep 14, 2024 23:59:59 GMT+08:00

Price: \$23.00 USD

Pay

**Step 8** Select discounts and a payment method, and make your payment. Once paid, the billing mode of that order becomes yearly/monthly.

----End

### 2.2.6.3 From Yearly/Monthly to Pay-per-Use Upon Expiration

You can change the billing mode of resources from yearly/monthly to pay-per-use upon expiration on the **Renewals** page of the Billing Center. The change will take effect after the yearly/monthly resources expire.

Example:

On January 1, 2024, you subscribed to an ECS for one month, and you changed the billing mode to pay-per-use on January 15, 2024. On February 1, 2024, 23:59:59, the new billing mode took effect and the ECS started being charged by usage.

### Important Notes

- Only resources in use can have their billing modes changed.
- The billing mode of the resources in the orders being processed cannot be changed to pay-per-use upon expiration.
- If your account is frozen for legal management, the billing mode of all your resources cannot be changed to pay-per-use upon expiration. If one of your resources is frozen for legal management, the billing mode of the resource cannot be changed to pay-per-use upon expiration.
- The billing mode of products no longer available cannot be changed to pay-per-use upon expiration.
- The billing mode of solution portfolio products cannot be changed to pay-per-use upon expiration.



- The billing mode of resource packages cannot be changed to pay-per-use upon expiration.
- Products participating in special reward activities cannot be changed to pay-per-use immediately. They can be changed to pay-per-use upon expiration.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.

The screenshot shows the 'Renewals' page with the following details:

- Expires Filter:** All: 3179, Frozen (in retention period): 3076, Expired (in grace period): 0, **Expires in 7 days: 3**, Expires in 15 days: 5, Expires in 30 days: 6, Custom.
- Options:**  Do not show resources that have orders pending payment,  Do not show resource packages.
- Search:** Instance ID/Resource ID is used to search by default.
- Manual Renewals (1):** Includes buttons for 'Batch Renew', 'Enable Auto-Renewal', 'Change to Pay-per-Use After Expiration', 'Cancel Renewal', 'Set Renewal Date', and 'Export'.
- Table:**

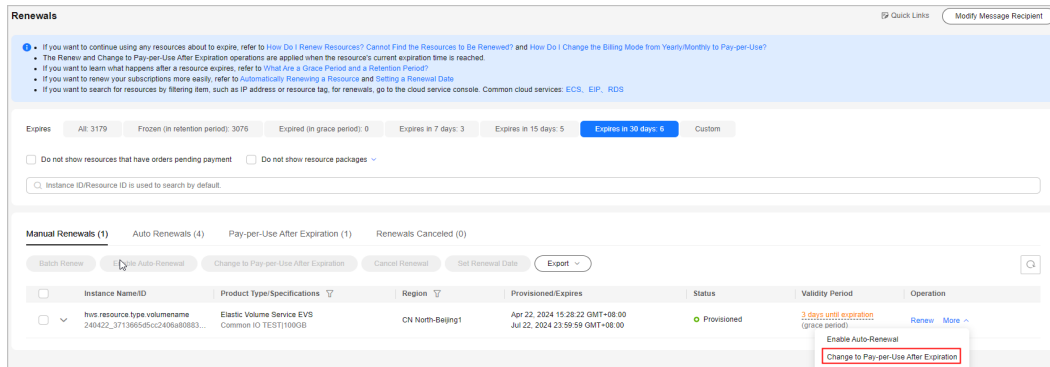
Instance Name/ID	Product Type/Specifications	Region	Provisioned/Expires	Status	Validity Period	Operation
Instance ID: 240422_371365d5cc2406a08883...	Elastic Volume Service EVS Common IO TE-S111000B	CN North-Beijing1	Apr 22, 2024 15:28:22 GMT+08:00 Jul 22, 2024 23:59:59 GMT+08:00	Provisioned	3 days until expiration (grace period)	Renew More

### NOTE

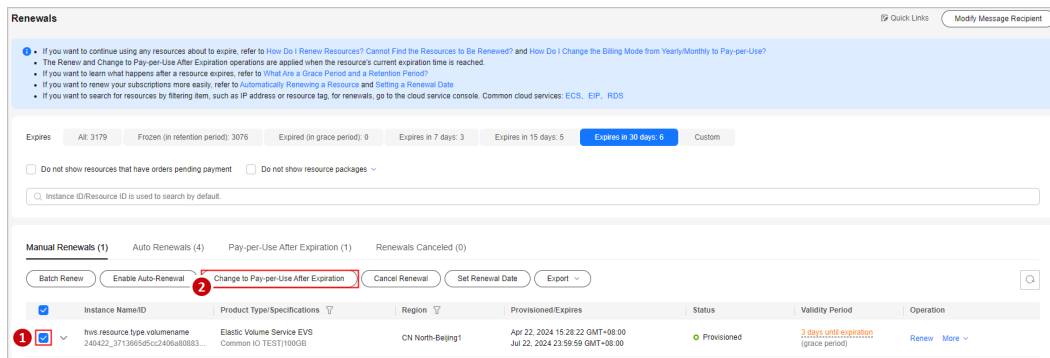
- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.
- On the **Pay-per-Use After Expiration** page, you can view the instances whose billing mode will be changed to pay-per-use upon expiration.
- You can set instances on the **Manual Renewals**, **Auto Renewals**, and **Renewals Canceled** pages to be changed to pay-per-use upon expiration.

**Step 3** The procedure for changing the billing mode of a single instance to pay-per-use upon expiration is different from that for multiple instances.

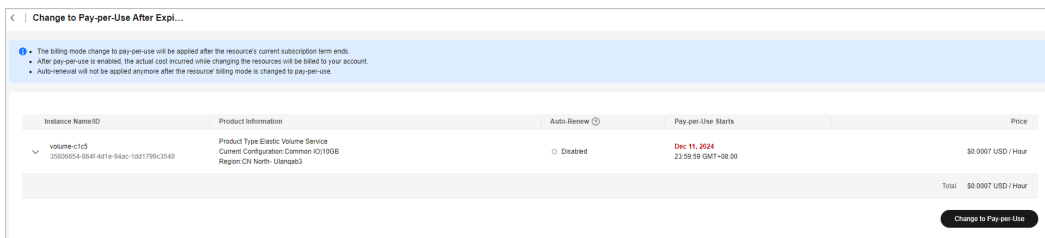
- **Single instance:** Choose **More** > **Change to Pay-per-Use After Expiration** in the **Operation** column for the desired instance.



- **Multiple resources:** Select the check boxes for the desired instances, and click **Change to Pay-per-Use After Expiration** on top of the list.



**Step 4** Confirm the billing details of the cloud service, such as the start time and price. Click **Change to Pay-per-Use**.



----End

### 2.2.6.4 From Yearly/Monthly to Pay-per-Use Immediately

You can change the billing mode of your resources from yearly/monthly to pay-per-use immediately. When the order for the change is complete, the pay-per-use billing will take effect immediately, and the remaining fees of the current period will be refunded.

#### NOTICE

Make sure you have a valid payment method configured before you change the billing mode. If your configured payment method is unable to pay for your bill, your account will be in arrears. Once you do not pay off the outstanding amount within the specified time, the resource will be frozen and cannot be used.

## Important Notes

- Only resources in use can have their billing modes changed.
- The billing mode of the resources in the orders being processed cannot be changed to pay-per-use immediately.
- If your account is frozen for legal management, the billing mode of all your resources cannot be changed to pay-per-use immediately. If one of your resources is frozen for legal management, the billing mode of the resource cannot be changed to pay-per-use immediately.
- The billing mode of resources in the grace period or retention period cannot be changed to pay-per-use immediately.
- The billing mode of products no longer available cannot be changed to pay-per-use immediately.
- Products participating in special reward activities cannot be changed to pay-per-use immediately. They can be changed to pay-per-use upon expiration.
- The billing mode of yearly/monthly resources in trial use cannot be changed to pay-per-use immediately.
- The billing mode of solution portfolio products cannot be changed to pay-per-use immediately.
- The billing mode of resource packages cannot be changed to pay-per-use immediately.
- The billing mode of the cloud services which do not support pay-per-use cannot be changed to pay-per-use immediately.

Note: Only some cloud services support such a billing mode change. For details, see the cloud service page.

## Refund Rule

If you change the billing mode of resources from yearly/monthly to pay-per-use immediately, the remaining fees of the resources in the current period will be refunded. The rules are as follows:

1. When unsubscribing from resource instances, you will be billed handling fees. If the instances are in use, the consumption amount will also be billed. The used coupons will not be returned.
2. The formula for calculating the refund is for reference only. The actual amount depends on the bill and expenditure details.
  - **Actual refund amount = Actual payment – Consumption amount – Handling fee** (If the calculated refund amount is less than 0, there will be no refund.)
  - **Actual payment** refers to the amount you actually paid, excluding any payment in cash coupons.
  - **Consumption amount = Actual payment x (Actual usage period/ Subscribed period)** (The usage duration is accurate to hour.)
  - **Handling fee:** There is a handling fee for the billing mode change. [Table 1](#) shows the handling fee details.

**Table 2-1** Handling fee

Subscription Term	Actual Usage Duration ≤ 1 Year	1 Year < Actual Usage Duration ≤ 2 Years	2 Years < Actual Usage Duration ≤ 3 Years
3-year subscription	Handling fee = 15% of your actual payment	Handling fee = 10% of your actual payment	Handling fee = 5% of your actual payment
2-year subscription	Handling fee = 15% of your actual payment	Handling fee = 10% of your actual payment	-
1-year subscription	Handling fee = 10% of your actual payment	-	-
Monthly subscription	Handling fee = 10% of your actual payment	-	-


**NOTE**

The refund rules for changing the billing mode to pay-per-use are the same as those for unsubscriptions. For details, see [Unsubscribing from In-Use Resources](#).

**Procedure**

Take an EIP as an example to describe how to change the billing mode from yearly/monthly to pay-per-use immediately.

**Step 1** Log in to the management console.

**Step 2** Click  in the upper left corner, and select the desired region and project.

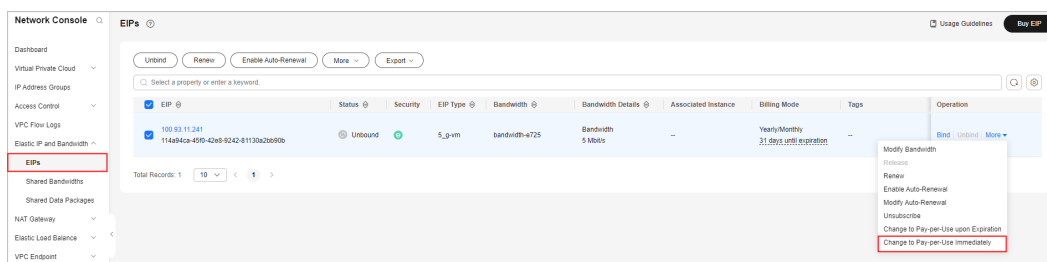
**NOTE**

On the [My Resources](#) page, you can view the region to which your purchased product belongs.

**Step 3** Choose **Networking > Elastic IP**.

**Step 4** On the EIP list, select the target EIP.

**Step 5** Choose **More > Change to Pay-per-Use Immediately** in the **Operation** column.

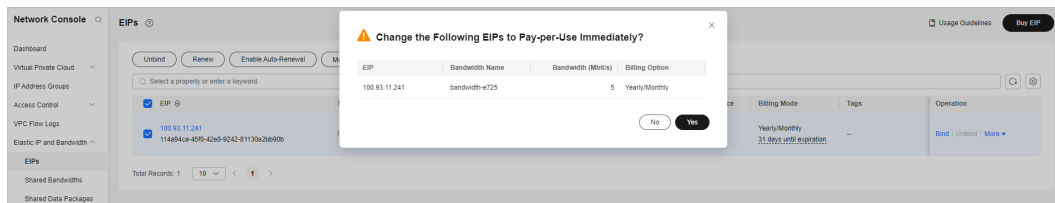


**NOTE**

You can perform the following operations to change the billing mode of multiple yearly/monthly EIPs to pay-per-use immediately at a time:

1. Select the EIPs whose billing mode will be changed to pay-per-use.
2. Choose **More > Change to Pay-per-Use Immediately** in the **Operation** column.

**Step 6** On the displayed page, confirm the resource information and click **Yes**.



**Step 7** Confirm the refund and billing details. Then, click **Change to Pay-per-Use**.

**Change to Pay-Per-Use**

- If you change the billing mode from yearly/monthly to pay-per-use, the system will refund you the unused part, and then charge you on a pay-per-use basis.
- Yearly/monthly subscription refund rules: If you are not eligible for a five-day unconditional unsubscription (**Partial Refund**), you will be charged a handling fee. **The amount you paid, as well as any applied cash coupons and discount coupons, will not be returned.**
- After the billing mode is changed to pay-per-use, the system will charge you based on the actual expenditures. Ensure that you have a sufficient account balance to prevent suspension due to arrears. [View Balance](#)
- The selected instances are associated with others. If you do not want to change all of them to pay-per-use, deselect those you do not need.

Instance Nam...	Product Infor...	Type	Refund Information			Pay-Per-Use Pricing	
			Paid (USD)	Deducted (USD)	Refund Estimate (...)	Actual Refund (USD)	Price(USD)
100.93.11.241 114a94ca-45f0-...	Service Type: ... Current Config ... Region: CN No...	Partial Refund	57.50	-5.75	51.75	51.75	\$0.3230 USD / Hour
<b>Total</b>			57.50	-5.75	51.75	51.75	\$0.3230 USD / Hour

Actual Refund **\$51.75 USD**

Credit card/Account balance: \$51.75 USD  
This is an estimate only. See the final bill for the exact amount.

I understand a **handling fee** will be charged for this unsubscription.

**Change to Pay-Per-Use**

**Step 8** After the order is complete, the change takes effect.

----End

## 2.2.7 Pricing of a Changed Specification

If the specifications of a yearly/monthly resource do not meet your service requirements, you can change them on the **cloud service console** and pay for the new specifications.

This section applies only to yearly/monthly subscriptions.

## Billing

Specifications can be changed in the following ways:

- **Upgrades:** You change the current specification of a resource to a new, more expensive specification and then pay for the difference.

- **Downgrades:** You change the current specification of a resource to a new, less expensive specification and Huawei Cloud refunds the difference.
- **Disk capacity expansion:** You expand the disk capacity and then pay for it.

 **NOTE**

1. Due to the discount validity, the amount displayed on the operation page may be different from that in the order. For the actual amount, see your order.
2. The upgrade and capacity expansion fees will be charged through monthly bill settlement, account balance, credit card, or third-party online payment. The downgrade fees will be refunded to the original account. For details, see [Refunding](#).
3. After you initiate a specification upgrade or capacity expansion, the Billing Center will generate an order for you. Before the order expires, the fees on the order remain unchanged although the remaining duration changes. If you do not pay on the day of a specification upgrade or capacity expansion, you can cancel the order and initiate a change again.
4. The examples in this document are for reference only. The calculation results in these examples contain only two decimal places. When calculating the fee for specifications changes and capacity expansion, you are advised to retain at least eight decimal places, ensuring consistency between the results calculated and presented.

## Specification Upgrades

1. Rules:

- Upgrade fee **(without any discount)** = Price of the new specification x Remaining duration - Price of the original specification x Remaining duration

- Other scenarios:

Upgrade fee **with a discount** = (Price of the new specification x Remaining duration - Price of the old specification x Remaining duration) x Discount

Upgrade fee **(with a fixed price)** = (Price of the new specification x Remaining duration - Price of the old configuration x Remaining duration) x (Fixed price in the commerce for the new configuration/List price with the corresponding subscription term)

Upgrade fee **(with an amount off)** = Price of the new specification x Remaining duration - Price of the old specification x Remaining duration - Amount off

 NOTE

- **Discounts:** You can check whether there are any discounts available for your account on [Discounts](#) in the Billing Center. For details, see [How Do I Use Discounts and Coupons When Paying for an Order?](#).
- **Price of the new specification:** It is calculated based on the billing mode (yearly or monthly) and the remaining duration of an unexpired order. The unexpired order can be either the valid order and the order about to take effect. The calculation works as follows:
  - The pricing depends on the billing mode (yearly or monthly) of the unexpired order. If the unexpired order contains a yearly subscription, the new price is matched to the yearly pricing; if it contains a monthly subscription, the new price is matched to the monthly pricing.
  - The remaining duration of the unexpired order is rounded up to the nearest integer.
  - The commercial/promotional discounts are matched to the subscription term. For 1-year subscription, the 1-year commercial/promotional discounts are used.

For example, a resource has the prices for the 1-year, 2-year, and 3-year subscriptions. You purchased the resource with a 3-year subscription term and upgraded the specifications after using it for 3 months. The remaining duration was two years and nine months. The system would round the remaining duration up to the nearest integer and find the price for the 3-year subscription.

- **Price of the original specifications:** It is calculated based on the purchased subscription term.
- **Remaining duration calculation rules (accurate to hour):** If you initiate a specification upgrade on the day of purchasing the resource, the remaining duration is calculated from 00:00 on the next day. If you initiate a specification upgrade after the day of purchasing the resource, the remaining duration is calculated from the beginning of the next hour when the upgrade is initiated.

Example: You purchased a yearly ECS at 10:30:00 on January 1, 2024, and the subscription expires at 23:59:59 on January 1, 2025. If you initiated a specification upgrade on January 1, 2024, the remaining duration is calculated starting from 00:00:00 on January 2, 2024. If you initiated a specification upgrade at 18:40:00 on January 2, 2024, the remaining duration is calculated starting from 19:00:00 on January 2, 2024.

- Remaining duration of a monthly resource = Remaining duration of each calendar month/Total duration of the calendar month

Example: You purchased a monthly ECS at 10:30:00 on June 15, 2024, and the subscription expires at 23:59:59 on July 15, 2024. At 18:40:00 on June 25, 2024, you initiated a specification upgrade. Remaining duration = Remaining duration of June/Total duration of June + Remaining duration of July/Total duration of July = 5 days and 5 hours/30 days + 15 days/31 days  $\approx$  0.65 months

- Remaining days of a yearly subscription = Remaining days/365 (The remaining days do not include February 29 in the leap year.)

Example: You purchased a yearly ECS at 10:30:00 on June 15, 2024, and the subscription expires at 23:59:59 on July 15, 2025. You changed the ECS specification at 18:40:00 on December 1, 2024. Remaining duration = Remaining duration of 2024 + Remaining duration of 2025 = 30 days and 5 hours/365 days + 166 days/365 days  $\approx$  0.53 years

2. Examples: (The following prices are for reference only. For the actual prices, see [Product Pricing Details](#).)

- **Example 1 Specification upgrade without any discount**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The subscription would expire at 23:59:59 on December 1, 2023. The price of specification A was \$120 USD/month, the amount due was \$120.00 USD, and the actual payment was \$120.00 USD.

At 18:40:00 on November 5, 2023, you upgraded the ECS specifications from A to B. The price of specification B was \$150 USD/month.

Remaining period (excluding the hour when the change was initiated) = Remaining duration of November/Total duration of November + Remaining duration of December/Total duration of December=25 days and 5 hours/30 days + 1 day/31 days  $\approx$  0.87 months

**Upgrade fee = Price of specification B x Remaining duration - Price of specification A x Remaining duration =  $150 \times 0.87 - 120 \times 0.87 \approx$  \$26.17 USD**

– **Example 2: Specification upgrade with a discount**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The subscription would expire at 23:59:59 on December 1, 2023. The price of specification A was \$120 USD/month. You used the commercial discount (10% off) and paid \$108.00 USD.

At 18:40:00 on November 5, 2023, you upgraded the ECS specifications from A to B. The price of specification B was \$150 USD/month, and the commercial discount (10% off) was applicable. Remaining period (excluding the hour when the change was initiated) = Remaining duration of November/Total duration of November + Remaining duration of December/Total duration of December=25 days and 5 hours/30 days + 1 day/31 days  $\approx$  0.87 months

**Upgrade fee = (Price of specification B x Remaining duration - Price of specification A x Remaining duration) x Commercial discount =  $(150 \times 0.87 - 120 \times 0.87) \times 90\% \approx$  \$23.55 USD**

– **Example 3: Specification upgrade with a fixed price**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The subscription would expire at 23:59:59 on December 1, 2023. The price of specification A was \$120 USD/month, the amount due was \$120.00 USD, and the actual payment was \$120.00 USD.

At 18:40:00 on November 5, 2023, you upgraded the ECS specifications from A to B. The list price of specification B was \$150 USD/month, and its fixed price was \$100 USD/month. Remaining period (excluding the hour when the change was initiated) = Remaining duration of November/Total duration of November + Remaining duration of December/Total duration of December=25 days and 5 hours/30 days + 1 day/31 days  $\approx$  0.87 months

**Upgrade fee = (List price of specification B x Remaining duration - Price of specification A x Remaining duration) x (Fixed price specification B /List price of specification B) =  $(150 \times 0.87 - 120 \times 0.87) \times (100/150) \approx$  \$17.45 USD**



## Specification Downgrades

### NOTICE

Huawei Cloud calculates the refund based on your actually paid amount. If the resources were purchased using cash coupons, discount coupons, or promotional discounts, the refund for specification downgrade may be 0 or less. In this case, the refund will not be returned.

#### 1. Rules:

**Downgrade refund = Price of the remaining duration - Price of the new specifications x Remaining duration x Discount** (The value for the remaining duration does not include the amount paid using cash coupons.)

#### NOTE

- **Price for the remaining duration = Actual payment/Total days of the subscription x Remaining days** (accurate to hour) For specification downgrade, the total duration and remaining duration of the order are rounded down by hour.
    - Subscribed period: calculated from the hour when the order takes effect. For example, if a resource is purchased at 10:30, the total order duration starts from 10:00.
    - Remaining duration: calculated from the hour when the specification downgrade is initiated. For example, if the resource specifications are downgraded at 18:40, the remaining duration is calculated from 18:00.
  - **Price of the new specification:** It is calculated based on the remaining duration. The remaining duration is rounded down to the nearest integer to match the price and discount. The commercial/promotional discounts are matched to the subscription term. For example, if the subscription term is 1 year, the 1-year commercial/promotional discounts are used.

For example, a resource has the prices for the 1-year, 2-year, and 3-year subscriptions. You purchased the resource with a 3-year subscription term and downgraded the specifications after using it for 3 months. The remaining duration was two years and nine months. The system would round the remaining duration down to the nearest integer and find the price for the 2-year subscription.
  - **Remaining duration (accurate to hour):** If you initiate a specification downgrade on the day of purchasing the resource, the remaining duration is calculated from 00:00 on the next day. If you initiate a specification downgrade after the day of purchasing the resource, the remaining duration is calculated from the beginning of the next hour when the downgrade is initiated.

Example: You purchased a yearly ECS at 10:30:00 on January 1, 2024, and the subscription expires at 23:59:59 on January 1, 2025. If you initiated a specification downgrade on January 1, 2024, the remaining duration is calculated starting from 00:00:00 on January 2, 2024. If you initiated a specification downgrade at 18:40:00 on January 2, 2024, the remaining duration is calculated starting from 18:00:00 on January 2, 2024.

    - Remaining duration of a monthly resource = Remaining duration of each calendar month/Total duration of the calendar month
    - Remaining days of a yearly subscription = Remaining days/365 (The remaining days do not include February 29 in the leap year.)
2. Cash coupons that have been used for the specifications will not be returned when the specifications are downgraded.
  3. Discounts applicable for the specification downgrade of yearly/monthly resources include commercial discounts, authorized discounts, and promotion

discounts. When you initiate a specification downgrade, the system will select the discounts for you according to relevant rules. You cannot select them by yourselves.

 **NOTE**

The following rules apply only to valid discounts:

1. The system selects the highest discount from the applicable discounts (commercial discounts, partner authorized discounts, and promotional discounts). **A promotional discount is taken into account only when it was used in a historical order.**
  2. If multiple promotional discounts were used in historical orders, the promotional discount that took effect most recently takes precedence.
  3. If multiple promotional discounts that took effect on the same day were used in historical orders, the promotional discount that was used for the latest order takes precedence.
  4. If there is no difference to use the commercial discount, partner authorized discount, or promotional discount (used in a historical order), the commercial discount is used first, then the partner authorized discount, and finally the promotional discount.
4. Examples: (The following prices are for reference only. For the actual prices, see [Product Pricing Details](#).)

– **Example 1: Specification downgrade without any discount**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The ECS would expire at 23:59:59 on December 1, 2023. The total order duration is 30 days and 14 hours (including the hour when the order takes effect). The price of specification A was \$120 USD/month, the amount due was \$120.00 USD, and the actual payment was \$120.00 USD.

At 18:40:00 on November 5, 2023, you downgraded the ECS specifications from A to B. The price of specification B was \$90 USD/month. The remaining duration is 26 days and 6 hours (including the hour when the downgrade is initiated). Remaining duration = Remaining duration of November/Total duration of November + Remaining duration of December/Total duration of December = 25 days and 6 hours/30 days + 1 day/31 days  $\approx$  0.87 months

Price of the remaining duration = Actual payment/Total duration  $\times$  Remaining duration = \$120 USD/30 days and 14 hours  $\times$  26 days and 6 hours  $\approx$  \$102.99 USD

**Refund = Price of the remaining duration - Price of specification B  $\times$  Remaining duration = 102.99 - 90  $\times$  0.87  $\approx$  \$24.34 USD**

– **Example 2: Specification downgrade with cash coupons used**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The ECS would expire at 23:59:59 on December 1, 2023. The total order duration is 30 days and 14 hours (including the hour when the order takes effect). The price of specification A was \$120 USD/month, and you used a cash coupon (\$60.00 USD) and actually paid \$60.00 USD.

At 18:40:00 on November 5, 2023, you downgraded the ECS specifications from A to B. The price of specification B was \$90 USD/month. The remaining duration is 26 days and 6 hours (including the hour when the downgrade is initiated). Remaining duration = Remaining duration of

November/Total duration of November + Remaining duration of December/Total duration of December=25 days and 6 hours/30 days + 1 day/31 days  $\approx$  0.87 months

Price of the remaining duration = Actual payment/Total duration x Remaining duration \$60 USD/30 days and 14 hours x 26 days and 6 hours  $\approx$  \$51.49 USD (used cash coupons will not be refunded)

**Refund = Price of the remaining duration - Price of specification B x Remaining duration = 51.49 - 90 x 0.87 < 0**

The refund amount is 0 by default. The downgrade is successful but no refund is returned.

- **Example 3: Specification downgrade with a discount**

At 10:30:00 on November 1, 2023, you purchased a monthly ECS with specification A. The ECS would expire at 23:59:59 on December 1, 2023. The total order duration is 30 days and 14 hours (including the hour when the order takes effect). The price of specification A was \$120 USD/month. You used the commercial discount (10% off) and paid \$108.00 USD.

At 18:40:00 on November 5, 2023, you downgraded the ECS specifications from A to B. The price of specification B was \$90 USD/month, and the commercial discount (10% off) was applicable. The remaining duration is 26 days and 6 hours (including the hour when the downgrade is initiated). Remaining duration = Remaining duration of November/Total duration of November + Remaining duration of December/Total duration of December=25 days and 6 hours/30 days + 1 day/31 days  $\approx$  0.87 months

Price of the remaining duration = Actual payment/Total duration x Remaining duration = \$108 USD/30 days and 14 hours x 26 days and 6 hours  $\approx$  \$92.69 USD

**Refund = Price of the remaining duration - Price for specification B x Remaining duration x discount = 92.69 - 90 x 0.87 x 90% = \$21.90 USD**

## Capacity expansion (using an EVS disk as an example)

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### NOTICE

The rules of calculating the specification upgrade fees do not apply to the capacity expansion fees.

---

1. Rules:

**Capacity expansion price = Capacity after expansion x Remaining duration x Unit price of capacity - Capacity before expansion x Remaining duration x Unit price of capacity**

 **NOTE**

- **Capacity unit price** is calculated based on the billing mode (yearly/monthly) and the remaining duration of an unexpired order.

For example, an EVS has the prices for 1-year, 2-year, and 3-year subscriptions. After purchasing the EVS for 1-year subscription, you renewed it for 8 months and then renewed it for one year again. After using it for 3 months, you expanded its capacity. The remaining duration was two years and five months. The system would round the remaining duration up to the nearest integer and find the price for the 3-year subscription.

- **Remaining duration (accurate to hour):** It is calculated in the same way as that in the specification upgrades.
  - Remaining duration of a monthly resource = Remaining duration of each calendar month/Total duration of the calendar month
  - Remaining days of a yearly subscription = Remaining days/365 (The remaining days do not include February 29 in the leap year.)

2. Examples: (The following prices are for reference only. For the actual prices, see [Product Pricing Details](#).)

At 10:30:00 on November 1, 2023, you purchased a monthly 10-GB EVS. The subscription would expire at 23:59:59 on December 1, 2023. The unit price of the EVS was \$0.35/GB/month, the amount due was \$3.50 USD, and the actual payment was \$3.50 USD.

At 18:40:00 on November 5, 2023, you expanded the EVS from 10 GB to 60 GB. Remaining duration (excluding the hour when the expansion was performed) = Remaining duration in November/Total duration in November + Remaining duration in December/Total duration in December = 25 days and 5 hours/30 days + 1 day/31 days  $\approx$  0.87 months

Capacity expansion price = Capacity after expansion x Remaining duration x Unit price of capacity - Capacity before expansion x Remaining duration x Unit price of capacity =  $60 \times 0.87 \times 0.35 - 10 \times 0.87 \times 0.35 \approx$  \$15.26 USD

## 2.2.8 Releasing Resources

You can release resources that are in the **Expired** or **Frozen** status if needed.

### Important Notes

- The resources in the orders being processed cannot be released.
- The number of resource releases is not restricted.
- You can release resources by yourself and do not need to contact customer service.
- If your account is frozen due to arrears or violation, all your resources can still be released or deleted. If one of your resources is frozen due to arrears or violation, the resource can still be released or deleted.

If your account is frozen for legal management, all your resources cannot be released or deleted. If one of your resources is frozen for legal management, the resource cannot be released or deleted.

- Resources bound to a primary resource are released together with the primary resource. Resources attached to a primary resource are not released together with the primary resource and can still be used.

Example: You subscribed to an ECS by month with a system disk bound and a VPC configured. When you release the ECS, the system disk is also released, but the VPC can still be used.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.

The screenshot shows the 'Renewals' page with search filters and a table of manual renewals. A red box highlights the search filters, including 'Expires' (All: 3179, Frozen (in retention period): 3076, Expired (in grace period): 0, Expires in 7 days: 3, Expires in 15 days: 5, Expires in 30 days: 6, Custom), 'Do not show resources that have orders pending payment', 'Do not show resource packages', and 'Instance ID/Resource ID is used to search by default'. Below the filters, there are tabs for 'Manual Renewals (3172)', 'Auto Renewals (4)', 'Pay-per-Use After Expiration (1)', and 'Renewals Canceled (2)'. A table of manual renewals is shown with columns: Instance Name/ID, Product Type/Specifications, Region, Provisioned/Expires, Status, Validity Period, and Operation. One instance is highlighted with a red box in the Operation column, showing 'Frozen' status and '7 days until deletion' validity period.

### NOTE

- Select **Frozen (in retention period)** or **Expired (in grace period)** to quickly search for instances to be released.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.

On the **Manual Renewals**, **Auto Renewals**, **Pay-per-Use After Expiration**, and **Renewals Canceled** pages, you can release expired or frozen instances.

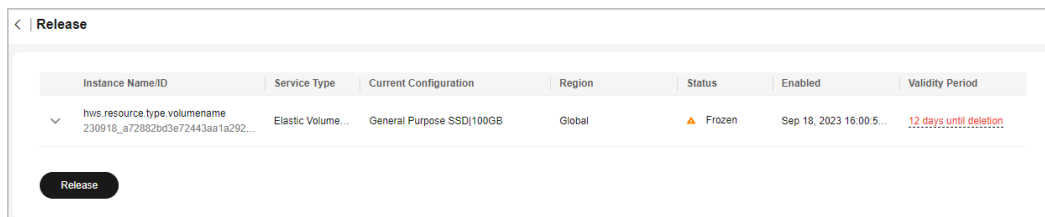
**Step 3** Click **More > Release** in the **Operation** column for the desired instance.

### NOTICE

**After an instance is released, the instance and its data cannot be restored. Exercise caution when performing this operation.**

The screenshot shows the 'Renewals' page with search filters and a table of manual renewals. A red box highlights the 'Release' button in the Operation column of the table. The table has columns: Instance Name/ID, Product Type/Specifications, Region, Provisioned/Expires, Status, Validity Period, and Operation. One instance is highlighted with a red box in the Operation column, showing 'Frozen' status and '12 days until deletion' validity period.

**Step 4** Check the information of the instance to be released and click **Release**.



----End

## 2.2.9 Exporting the Renewal Data

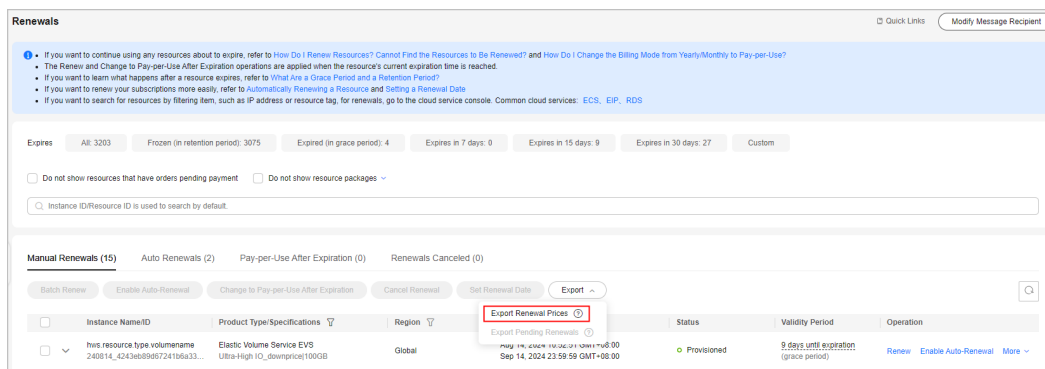
### 2.2.9.1 Exporting Renewal Prices

You can export the price of all instances to be renewed by one click. A maximum of 10,000 records can be exported at a time.

#### Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Click **Export**, and select **Export Renewal Prices**.



**Step 3** Go to the [Export History](#) page, click **Download** in the **Operation** column to download the file.



#### NOTE

**IAM users** can only view and download their own exported files, but cannot view or download other exported files of their account or exported files of other IAM users under their account.

----End

### 2.2.9.2 Exporting Pending Renewals

Before renewing an instance, you can export your renewal list to request funds from your finance department.

## Procedure

**Step 1** Go to the **Renewals** page.

**Step 2** Set the search criteria.

The screenshot shows the 'Renewals' page with the following search filters: Expires (All: 3179, Frozen: 3076, Expired: 0, Expires in 7 days: 3, Expires in 15 days: 5, Expires in 30 days: 6, Custom), checkboxes for 'Do not show resources that have orders pending payment' and 'Do not show resource packages', and a search box for Instance ID/Resource ID. Below the filters, there are tabs for Manual Renewals (3172), Auto Renewals (4), Pay-per-Use After Expiration (1), and Renewals Canceled (2). A table of manual renewals is displayed with columns: Instance Name/ID, Product Type/Specifications, Region, Provisioned/Expires, Status, Validity Period, and Operation. One instance is highlighted with a red box, showing it is 'Frozen' and expires in 7 days.

### NOTE

- By **Expires**, you can quickly search for instances that are in the specified status or will expire in the specified period.
- You can search for instances by instance name, instance ID, or order number, or filter instances by product type or region. You can also filter instances by enterprise project if you have enabled the enterprise project management function.
- Resources with orders pending payment can be operated only after these orders are paid or canceled. The **Do not show resources that have orders pending payment** option is deselected by default. You can select it to hide resources with orders pending payment.
- The **Do not show resource packages** and **Show resource packages only** options are deselected by default. You can select them to hide or filter resource packages.

On the **Manual Renewals**, **Auto Renewals**, **Pay-per-Use After Expiration**, and **Renewals Canceled** pages, you can view instances to be renewed and manually renew these instances.

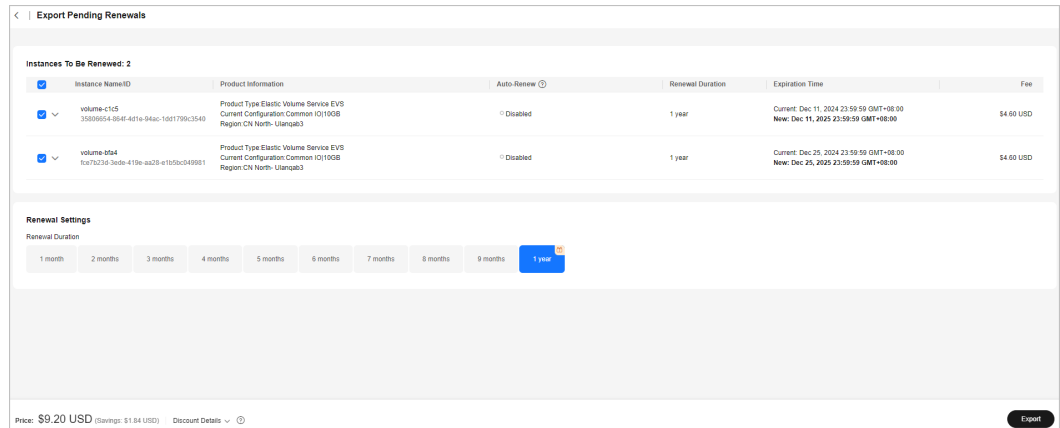
**Step 3** Select the desired instance. Click **Export**, and select **Export Pending Renewals**.

The screenshot shows the 'Renewals' page with search filters: Expires (All: 3203, Frozen: 3075, Expired: 4, Expires in 7 days: 0, Expires in 15 days: 9, Expires in 30 days: 27, Custom), checkboxes for 'Do not show resources that have orders pending payment' and 'Do not show resource packages', and a search box for Instance ID/Resource ID. Below the filters, there are tabs for Manual Renewals (15), Auto Renewals (2), Pay-per-Use After Expiration (0), and Renewals Canceled (0). An 'Export' dropdown menu is open, showing options: 'Export Pending Renewals' (highlighted with a red circle and a red '2'), 'Export Renewal Prices', and 'Set Renewal Date'. A table of manual renewals is visible below, with two instances selected (marked with a red '1').

### NOTE

- Resources no longer available cannot be exported in batches.
- A maximum of 200 records can be exported at a time.

**Step 4** Select the renewal duration, confirm the renewal fee and discount details, and click **Export**.



**Step 5** Go to the **Export History** page, click **Download** in the **Operation** column to download the file.



----End

## 2.2.10 Resource Statuses

Resource Status	Description
Provisioned	The yearly/monthly subscription or resource package is within the validity period.
Expired	The yearly/monthly subscription has expired but has not been renewed, and it is now in the <b>grace period</b> .
Frozen	The yearly/monthly subscription has expired but has still not been renewed when the grace period ends, and it is now in the <b>retention period</b> .

## 2.3 My Orders

### 2.3.1 Paying for Orders

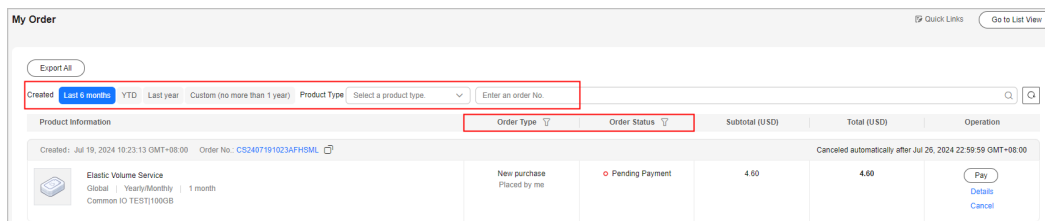
You can pay for an order on the **My Orders** page.

#### Procedure

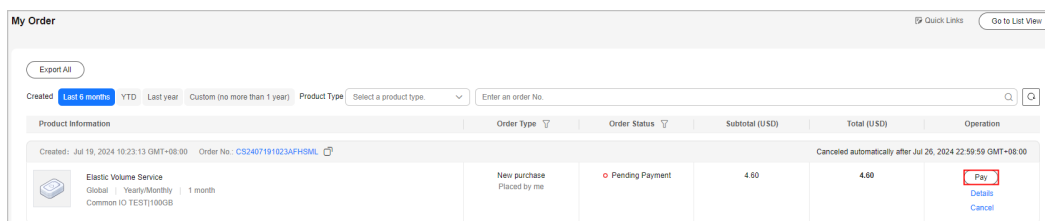
**Step 1** Go to the **My Orders** page.



**Step 2** You can enter an order No. to search for orders to be paid, or filter these orders by creation time, service type, order type, or order status.



**Step 3** Click **Pay** for a desired order.



**Step 4** Select discounts and a payment method, and click **Pay**.

#### NOTE

You can also go to the **Unpaid Orders** page to pay for an order. For details, **Unpaid Orders** > **Paying for Orders**.

----End

## 2.3.2 Automatic Payments

With automatic payments enabled, you will be automatically charged to your primary payment method after you place orders. You can view the order status on the **My Orders** page.

**Table 2-2** Automatic payments

Scenario	Order Status	Action Required
Automatic payments disabled	Pending payment	Make a manual payment.
Automatic payments enabled (payment succeeded)	Processing or completed	None.
Automatic payments enabled (payment failed)	Pending payment	Make a manual payment.

## Application Scenario

Automatic payments can be used for new purchase for resources such as reserved instances, manual renewal of subscriptions, resource specification upgrades, and changes to billing mode from pay-per-use to yearly/monthly.

## Automatic Payment Rules

### 1. Payment Sequence

The system can automatically pay bills from your account balance (including the cash balance and credit balance) or (preferred) using monthly settlement. Discounts and cash coupons can also be used in the following sequence:

Discount (only one at a time) → Cash coupon (only one at a time) → Account balance (cash balance first and then credit balance) or monthly settlement

If both discounts and cash coupons are applicable, the system uses them in sequence.

### 2. Discounts in Automatic Payments (All mentioned discounts are valid here by default.)

The system selects the best discount from the applicable discounts (commercial discount, partner authorized discount, and promotional discount). The promotional discount is used only in some scenarios.

#### NOTE

- **The promotional discount can be taken into account only when it was used in historical orders of a resource.**
  - Historical orders refer to those exist before the current order is created, for example, orders created for new purchase, renewals, and billing mode changes.
  - In manual renewals, specification upgrades, and renewals with specification changed scenarios, if a resource has a historical order (for example, new purchase order) and the promotional discount was used in the historical order, the system compares the promotional discount with the commercial discount, partner authorized discount, and promotional discount. The system selects the promotional discount if it is the best one.
  - In some scenarios, such as new purchase, reserved instance purchase, or changing from pay-per-use to yearly/monthly, the promotional discounts cannot be used because no historical orders exist. You can use the promotional discounts on the promotion page. For details, see the specific rules on the promotion page.

Assume that you placed order A for a service and then place order B to update the service's specifications. Order A is a historical order for order B. If a promotional discount was applied in order A, the system can apply this discount when it automatically pays for order B.
- If the same price is obtained after each discount is applied, the sequence of using the discounts: commercial discount > partner authorized discount > the promotional discount.
- The commercial discounts for yearly subscriptions are applied based on the pricing term, not the subscription term. For example, the 1-year commercial discounts can only be applied for 1-year subscription, no matter how many years the total subscription term covers.

#### Example 1

A customer had a commercial discount (20% off), partner authorized discount (10% off), and promotional discount (30% off) for the same service. The customer placed an order for the service on November 20, 2024. There was no historical order for which the promotional discount was applied, so the system selected the commercial discount (20% off) when calculating the price of the order.

#### Example 2

A customer placed an order with a commercial discount (20% off) applied on November 20, 2024. On December 20, 2024, the customer placed another order for the same service. Although there are applicable commercial discounts (20% off), partner authorized discounts (10% off), and promotional discounts (30% off), the system selected the commercial discount (20% off) for the second order, considering that the promotional discount was not applied in the historical order.

### Example 3

A customer placed an order with a promotional discount (25% off) applied on November 20, 2024. On December 20, 2024, the customer placed another order for the same service. The customer had a commercial discount (20% off), partner authorized discount (10% off), and promotional discounts (25% off and 30% off, respectively) for the service. The promotional discount (25% off) had been applied in the historical order and is the best among all discounts, so the system selected it when calculating the price of the order.

## 3. Coupon Usage

The following rules apply only to valid cash coupons:

- a. Huawei Cloud searches all valid cash coupons of the account.
    - If the balance of multiple valid cash coupons can cover the payment, Huawei Cloud deducts the amount to be paid from the coupon with the maximum balance for the payment.
    - If the balance of any valid cash coupon cannot cover the payment, Huawei Cloud selects the one with the maximum balance and will automatically deduct the remaining amount from the account balance (including the cash balance and credit balance) or settle at the end of the month.
  - b. If multiple cash coupons have the same balance, Huawei Cloud prefers the cash coupon that expires earliest.
  - c. After requesting the automatic payment, Huawei Cloud locks the amount to be deducted from the selected cash coupon. After the payment is complete, the amount is deducted. If the payment fails or times out, the amount is unlocked.
4. In the automatic payment for a composite product (for example, ECS + image + EVS), Huawei Cloud charges only the products provided by itself. You need to contact the third-party service provider for the payment details of its products.

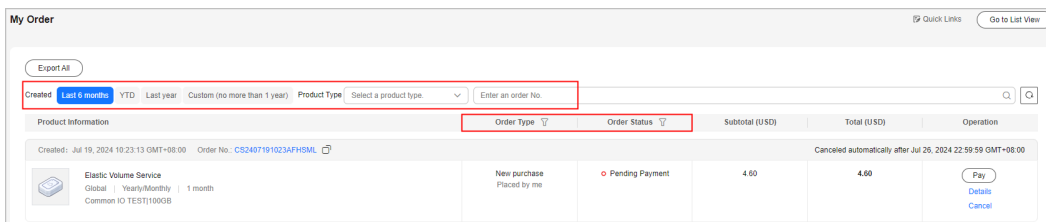
## 2.3.3 Canceling Orders

You can cancel an order on the [My Orders](#) page.

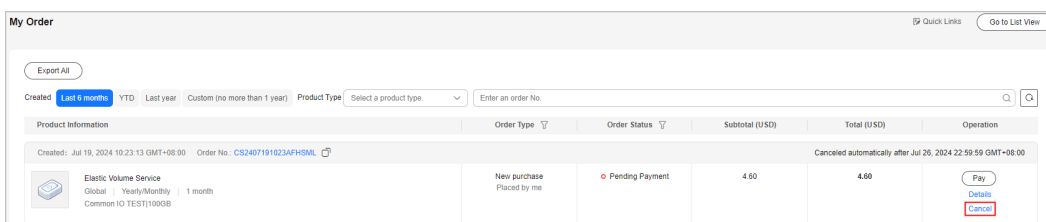
### Procedure

**Step 1** Go to the [My Orders](#) page.

**Step 2** You can enter an order No. to search for orders to be canceled, or filter these orders by creation time, service type, order type, or order status.



**Step 3** Click **Cancel** in the **Operation** column of the order to be canceled.



#### NOTE

When a combined order is canceled, all orders stated in the combined order are canceled together.

**Step 4** Click **OK**.

#### NOTE

- You can also go to the **Unpaid Orders** page to cancel an unpaid order. For details, see **Unpaid Orders > Canceling Orders**.
- If the order cannot be paid, it will be automatically canceled. For details, see **Why Is My Order Automatically Canceled?**. You can click to check the cancellation reason.

----End

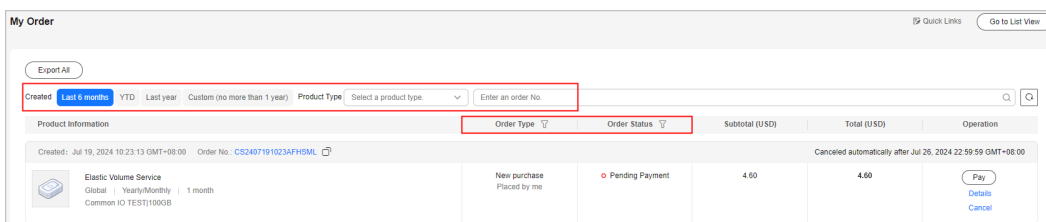
## 2.3.4 Viewing Order Details

Order details include information about the order itself, ordered resources, and order amount.

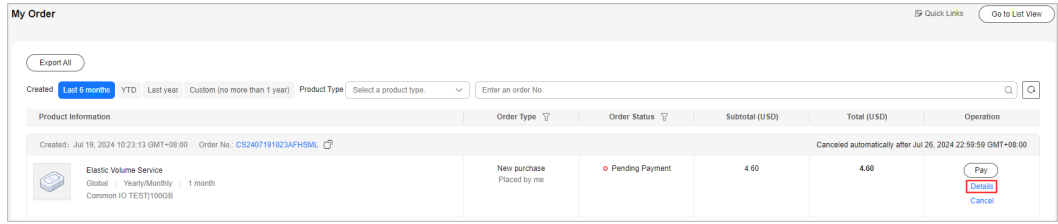
### Procedure

**Step 1** Go to the **My Orders** page.



**Step 2** You can enter an order No. to search for orders, or filter orders by creation time, service type, order type, or order status.



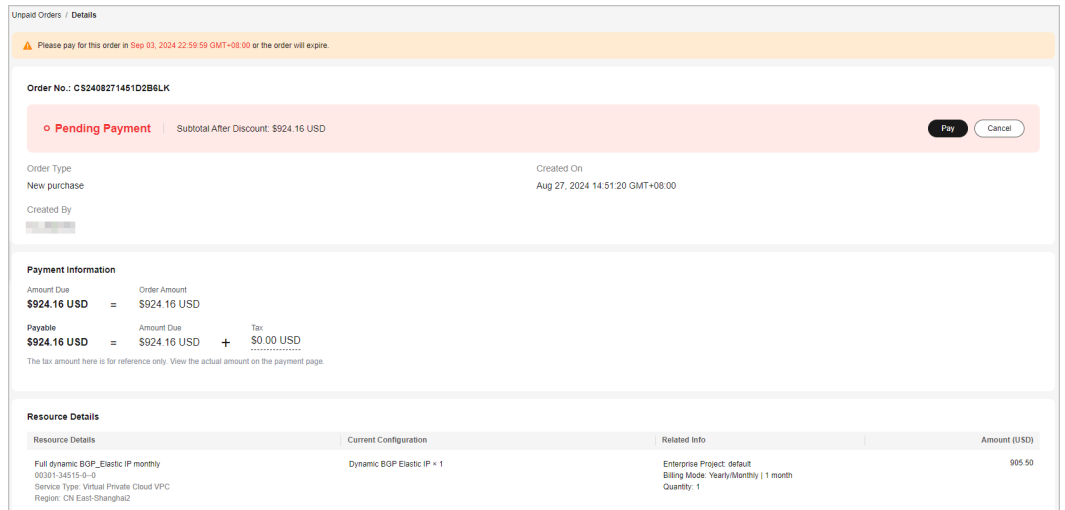
**Step 3** Click **Details** in the **Operation** column of the target order, or click the order No. to go to the order details page.



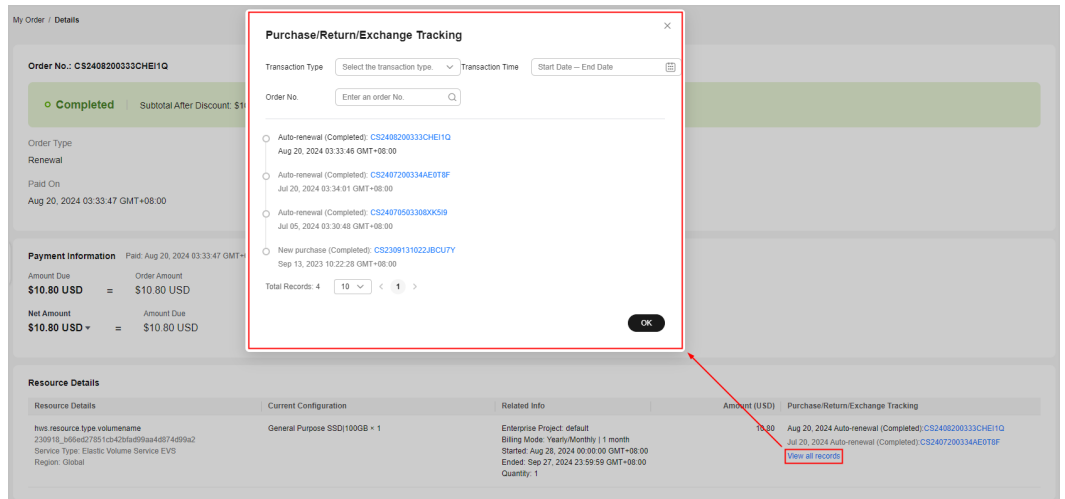
**NOTE**

If the order status is **Processing**,  indicates that resources are being created and  indicates that the order contains a resource that failed to be created.

- Within 10 minutes generally, but it depends on the specific cloud service.
- If your cloud service order has any resources that fail to be provisioned, you will be automatically unsubscribed from the resources. You can view the refund details on the order details page.
- If an order is **Pending payment**, you can pay for or cancel the order on the order details page.



- If an order is **Completed**, you can view the resources on the order details page. If a resource is renewed, changed, or unsubscribed from, you can view the transaction details.



**NOTE**

By default, three transaction records are displayed on the order details page. To view more records, click **View all records**. In the displayed dialog box, you can search for transaction records by transaction type, creation time, or order number.

----End

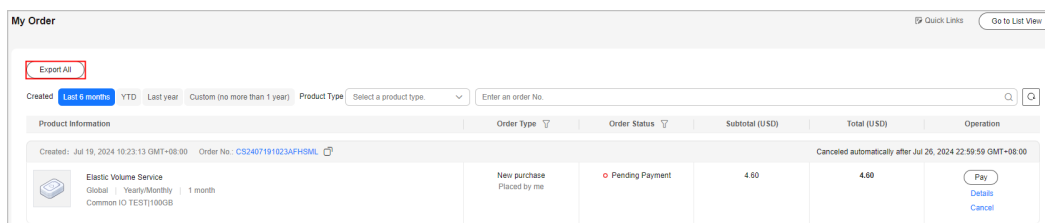
## 2.3.5 Exporting Orders

You can export all orders and download the order list.

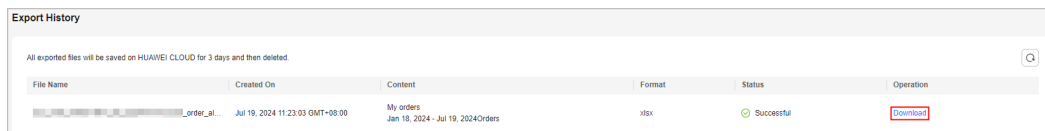
### Procedure

**Step 1** Go to the **My Orders** page.

**Step 2** Set search criteria and click **Export All** in the upper left corner of the order list.



**Step 3** After the export is complete, the **Export History** page is automatically displayed. After the file to be exported is ready, click **Download** in the **Operation** column to download the file.

**NOTE**

**IAM users** can only view and download its own exported files, but not the exported files of Huawei Cloud account or exported files of other IAM users under this account.

----End

## 2.3.6 Order Statuses

Table 2-3 Order statuses

Order Status	Description
Pending payment	The order has been submitted and is pending payment.
Pending approval	<ul style="list-style-type: none"> <li>The purchase order has been submitted and is pending approval.</li> <li>The unsubscription request has been submitted and is pending approval.</li> </ul>

Order Status	Description
Refund in progress	The unsubscription or return order has been submitted and the refund is in progress.
Processing	The order has been submitted and the resource is being provisioned.
Completed	The subscriptions, changes, renewals, or unsubscriptions have completed.
Canceled	The order has been canceled by the customer or the system.
Pending review	The order has been placed by an account manager on behalf of their customer and is pending review.

## 2.4 Unsubscriptions

### 2.4.1 Overview

You can unsubscribe from in-use resources, inactive resources, renewal periods, and resources that failed to be created or changed. [Table 1](#) describes the unsubscription rules in different scenarios, including whether handling fees are charged and whether coupons can be returned.

Unsubscribing from in-use resources, inactive resources, and renewal periods may involve large-amount unsubscriptions (over \$1000 USD). For details, see [Precautions When You Unsubscribe from Resources Over \\$1000 USD](#).

**Table 2-4** Unsubscription rules

Scenario	Expenditure Involved	Handling Fee Required	Coupon Returned
<a href="#">Unsubscribing from Resources in Use</a>	Yes	Yes	No
<a href="#">Unsubscribing from Inactive Resources</a>	No	No	Yes
<a href="#">Unsubscribing from a Renewal Period</a>	No	No	Yes
<a href="#">Unsubscribing from a Resource That Failed to Be Created or Changed</a>	No	No	Yes

 NOTE

- If you do not need a yearly/monthly resource, you can unsubscribe from the resource based on the unsubscription rules and obtain the refund. If you do not need a pay-per-use resource, you can delete it on the console, and no refund is involved.
- If the returned coupons expire or become invalid, the coupons cannot be used again.
- Unsubscriptions are not allowed for some services, such as Huawei Cloud Meeting. For details, see [Unsubscription Not Allowed](#).
- You can view the help documents of specific unsubscription scenarios for detailed rules and operations.
- After the unsubscription is successful, the refund will be returned to your Huawei Cloud account or to your payment account. For details, see [Refunding](#).

## 2.4.2 Unsubscribing from In-Use Resources

### 2.4.2.1 Instructions

After you purchase a yearly/monthly subscription, you can unsubscribe from the in-use resources in the subscription. If you have renewed the subscription, you are also allowed to unsubscribe from the in-use resources in the subscription and the renewal period that has not taken effect. You can unsubscribe from resources on the [Unsubscriptions](#) page in the Billing Center.

### Important Notes

- Solution product portfolios and smaller packages can only be unsubscribed from in their entirety.
- In any given order, bound resources must be unsubscribed from in their entirety, but attached resources can be unsubscribed from separately.  
Example: A customer has purchased a yearly/monthly ECS with a 40 GB general-purpose SSD bound as the system disk and with a VPC network configured. When unsubscribing from the ECS, the customer needs to unsubscribe from it together with the 40 GB general-purpose SSD, but the VPC network can be unsubscribed separately.
- The following services can be unsubscribed from in batches: Elastic Cloud Server (ECS), Elastic Volume Service (EVS), Relational Database Service (RDS), Virtual Private Cloud (VPC), and Cloud Container Engine (CCE).

---

**NOTICE**

1. Before unsubscription, ensure that data on the resources to be unsubscribed from has been backed up or migrated. After the unsubscription, the resources will be deleted, and the data on them cannot be restored.
  2. Your request for unsubscribing from an order of more than \$1000 USD needs to be reviewed by your account manager. If your account manager does not review it within 24 hours, your request will be approved automatically. For more details, see [Precautions When You Unsubscribe from Resources Over \\$1000 USD](#).
-



## 2.4.2.2 Unsubscription Rules

### Unsubscription Rules for Yearly/Monthly Subscriptions

1. When unsubscribing from resource instances, you will be billed handling fees. If the instances are in use, the consumption amount will also be billed. The used coupons will not be returned.
  - The consumption amount and unsubscription handling fee refer to the cash used.
2. The formula for calculating the unsubscription fee is for reference only. The actual amount depends on the bill and expenditure details.
  - **Actual refund amount = Actual payment - Consumption amount - Unsubscription handling fee** (If the calculated refund amount is less than 0, there will be no refund.)
  - **Actual payment**  
This is the actually paid amount excluding the applicable coupons.
  - **Consumption amount = Actual payment x (Actual usage period/ Subscribed period)** (The usage duration is accurate to hour.) For unsubscriptions, the actual usage period and subscribed period are rounded down by hour.
    - Subscribed period: calculated from the hour when the order takes effect. For example, if a resource is purchased at 10:30, the total order duration starts from 10:00.
    - Actual usage period: The actual duration is calculated based on the hour when the unsubscription is performed. For example, if a resource is unsubscribed from at 18:40, the actual usage period is calculated starting from 18:00.  
Example: If you purchased a monthly EVS disk at 10:30:00 on January 1, 2024, and it would expire at 23:59:59 on February 1, 2024. The total order duration is 31 days and 14 hours (from 10:00:00 on January 1, 2024 to 2024 00:00:00 on February 2, 2024). At 18:40:00 on January 15, 2024, you unsubscribed from the resource. The actual usage period was 14 days and 8 hours (from 10:00:00 on January 1, 2024 to 18:00:00 on January 15, 2024).
  - **Handling fee:** There is a handling fee for unsubscription, unless the free handling fee is specified in the effective framework contract for the customer.  
The handling fee depends on the actual usage duration and subscription term, as shown in [Table 1](#).

**Table 2-5** Unsubscription handling fee

<b>Subscription Term</b>	<b>Actual Usage Duration ≤ 1 Year</b>	<b>1 Year &lt; Actual Usage Duration ≤ 2 Years</b>	<b>2 Years &lt; Actual Usage Duration ≤ 3 Years</b>
3-year subscription	Handling fee = 15% of your actual payment	Handling fee = 10% of your actual payment	Handling fee = 5% of your actual payment
2-year subscription	Handling fee = 15% of your actual payment	Handling fee = 10% of your actual payment	-
1-year subscription	Handling fee = 10% of your actual payment	-	-
Monthly subscription	Handling fee = 10% of your actual payment	-	-

**Example 1: Unsubscribing from a resource which is not renewed**

At 10:30:00 on January 1, 2024, you purchased a monthly EVS disk. The EVS would expire at 23:59:59 on February 1, 2024. The subscribed period is 31 days and 14 hours (including the hour when the order takes effect). The amount due was \$90.00 USD. You used a cash coupon of \$10 USD, and the actual payment was \$80.00 USD.

At 18:40:00 on January 8, 2024, you unsubscribed from the EVS disk after using it for 7 days and 8 hours (excluding the hour when the unsubscription is initiated). The refund is as follows:

$$\text{Refund} = \text{Actual payment} - \text{Consumption amount} - \text{Handling fee} = 80 - 18.57 - 8 = \$53.43 \text{ USD}$$

In which:

- Consumption amount = Actual payment x (Actual usage period/ Subscribed period) = \$80 USD x (7 days and 8 hours/31 days and 14 hours) = \$18.57 USD
- Handling fee = Actual payment x Ratio = 80.00 x 10% = \$8.00 USD
- The used cash coupons is not returned.

**Example 2: Unsubscribing from a resource which has been renewed**

At 10:30:00 on March 1, 2024, you subscribed to an ECS for three months. The ECS would expire at 23:59:59 on June 1, 2024. The subscribed period is 92 days and 14 hours (including the hour when the order takes effect). The amount due is \$300.00 USD and the actual payment is \$300.00 USD.

On March 21, 2024, you spent \$100.00 USD in renewing the ECS for one month, and the resource would expire on July 1, 2024. You actually paid \$100.00 USD.

At 18:40:00 on April 1, 2024, you unsubscribed from the ECS. You had used it for 31 days and 8 hours (excluding the hour when the unsubscription is initiated). The refund is as follows:

**Refund amount = Actual payment for the purchase – Consumption amount – Handling fee + Actual payment for the renewal = 300.00 - 101.53 - 30.00 + 100.00 = \$268.4 USD**

In which:

- Consumption amount = Actual payment x (Actual usage duration/ Subscribed period) = \$300.00 USD x (31 days and 8 hours/92 days and 14 hours) = \$101.53 USD
- Handling fee = Actual payment x Ratio = 300.00 x 10% = \$30.00 USD

## Unsubscription Rules for Reserved Instances

**Table 2** describes the calculation formulas of refunds for reserved instances and the payment modes. See the unsubscription page for the final refund amount.

**Table 2-6** Refund calculation formulas and payment methods

	Full Upfront	No Upfront
Fee	Remaining value – Handling fee	Handling fee
Remaining value	Cash x Remaining period/Total period	---
Unsubscription handling fee	Prepaid amount (= Cash + Cash coupons) x Remaining period/Total period x 12%	Amount per hour x Total subscribed hours x Remaining period/Total period x 12%
Calculation formula	Cash x Remaining period/Total period – Prepaid amount (= Cash + Cash coupons) x Remaining period/Total period x 12% (Cleared when the unsubscribed amount is less than 0)	Amount per hour x Total subscribed hours x Remaining period/Total period x 12%
Payment method	Money returned to customers by Huawei is paid immediately upon unsubscription.	Payment to Huawei from customers is settled monthly. Coupons dedicated for RIs can be used if there are.

- Used coupons will not be returned when you unsubscribe from an all-upfront reserved instance.
- Order amount = Prepaid amount (= Cash + Cash coupons) + Amount per hour x Total subscribed hours.

- Unsubscription handling fee = Order amount x Remaining period/Total period x 12%. For a no-upfront reserved instance, the handling fee is deducted based on the following order of priority: Cash coupons > Balance.
- Remaining period: The remaining valid hours starting from the next hour. For example, if the unsubscription occurs at 10:30, the remaining period is calculated starting from 11:00.
- For an all-upfront reserved instance, if the calculated refund amount is less than 0, it is cleared and no payment is needed from the customer.

### Example 1

Suppose you purchased a 1-year reserved instance and paid \$100 USD (\$50 USD cash coupon + \$50 USD balance) in advance. Half a year later, you want to unsubscribe from the reserved instance. The remaining value of the reserved instance is \$25 USD and the handling fee is \$6 USD. In this case, an actual refund of \$19 USD is all returned to the account balance.

### Example 2

Suppose you purchased a 1-year reserved instance and paid \$100 USD (\$90 USD cash coupon + \$10 USD balance) in advance. Half a year later, you want to unsubscribe from the reserved instance. The remaining value of the reserved instance is \$5 USD and the handling fee is \$6 USD. In this case, the refund amount is less than \$0 USD, no refund will be returned and no payment is required from the customer.

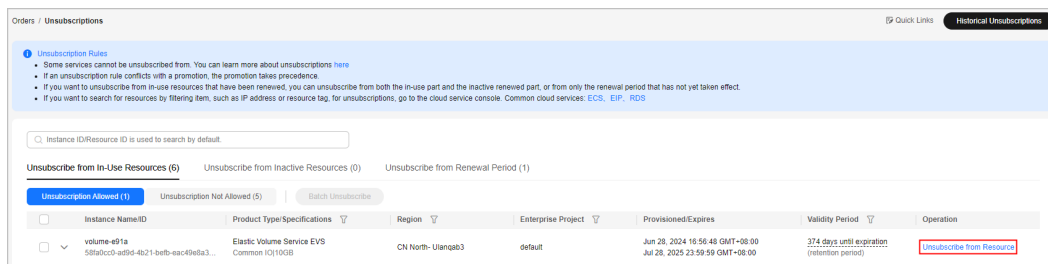
## Procedure

- Step 1** Go to the **Unsubscriptions** page in the Billing Center.
- Step 2** Choose **Unsubscribe from In-Use Resources > Unsubscription Allowed**.
- Step 3** Unsubscribe from a single instance or multiple instances in a batch based on the actual requirements.

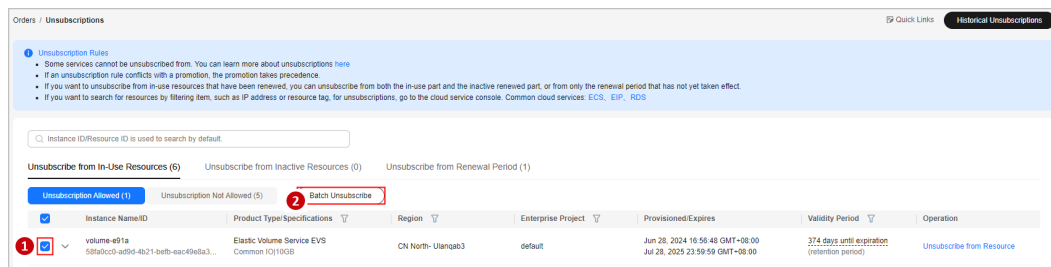
### NOTE

You can search for instances by instance name, order number, or instance ID, or find instances by product type, region, validity period. You can also filter instances by enterprise project if you have enabled the enterprise project management function.

- **Single unsubscription:** Click **Unsubscribe from Resource** in the **Operation** column for the instance which you want to unsubscribe from.



- **Batch unsubscription:** Select the target instances from the list and click **Batch Unsubscribe** on top of the list.



**Step 4** View the unsubscription information and refunds. Select the unsubscription reasons, select the confirmation checkbox, and then click **Confirm**.

< | Unsubscribe from In-Use Resou...

**Unsubscription Rules**

- Some services cannot be unsubscribed from. You can learn more about unsubscriptions [here](#).
- If an unsubscription rule conflicts with a promotion, the promotion takes precedence.
- If you want to unsubscribe from in-use resources that have been renewed, you can unsubscribe from both the in-use part and the inactive renewed part, or from only the renewal period that has not yet taken effect.
- If you want to search for resources by filtering items, such as IP address or resource tag, for unsubscriptions, go to the cloud service console. Common cloud services: [ECS](#), [EIP](#), [RDS](#).

Instance ID/Resource ID is used to search by default.

Unsubscribe from In-Use Resources (5)    Unsubscribe from Inactive Resources (0)    Unsubscribe from Renewal Period (1)

Unsubscription Allowed (1)    Unsubscription Not Allowed (5)    **Batch Unsubscribe**

Instance Name/ID	Product Type/Specifications	Region	Enterprise Project	Provisioned/Expires	Validity Period	Operation
volume-e91a 58fa0cc0-ad9d-4b21-befb-eac49e8a3...	Elastic Volume Service EVS Common IO110GB	CN North-Ulamb03	default	Jun 28, 2024 16:58:46 GMT+08:00 Jul 28, 2025 23:59:59 GMT+08:00	374 days until expiration (retention period)	Unsubscribe from Resource

**Unsubscribe from In-Use Resources**

You are unsubscribing from resources that are in use. Unsubscribed resources cannot be recovered. If you want to retain the resources and only need to cancel the renewal duration that has not taken effect, go to [Unsubscribe from Renewal Period](#).

- If you unsubscribe from a resource in use ( **Partial Refund** ), you will be charged a handling fee. The amount you paid, as well as any applied cash coupons and discount coupons, will not be returned.

Instance Information	Unsubscription Type	Paid (USD)	Deducted (USD)	Refund Estimate (USD)	Actual Refund (USD)
hws_resource_type.volumename 240814_0403ed037dccc46f490b7d439ef3e9f7 Service Type: Elastic Volume Service EVS Region: Global	Partial Refund	Credit Card/Account B...	Handling Fee: -0.01 Consumed: -0.09	Credit Card/Account B...	Credit Card/Account Balance: 0.03
<b>Total</b>		0.13	-0.10	0.03	0.03

**Select Reason for Unsubscription**

Incorrect parameter selection during purchase     More services purchased than deployment requirement     Service tests completed     Poor service

Service deployment requirements not met     Irreparable fault     Other

Please explain your specific reason for canceling your subscription. Enter a maximum of 100 characters.

Actual Refund **\$0.03 USD**

Credit card/Account balance: \$0.03 USD  
This is an estimate only. See the final bill for the exact amount.

I understand a handling fee will be charged for this unsubscription.

Data will be deleted and cannot be recovered. I confirm I have backed up or I no longer need the data.

**Confirm**

#### **NOTE**

- Before unsubscription, ensure that data on the resources to be unsubscribed from has been backed up or migrated. After the unsubscription, the resources will be deleted, and the data on them cannot be restored.
- In the unsubscription from a composite product (for example, ECS + image + EVS), of which some are provided by Huawei Cloud and others by a third party, Huawei Cloud refunds you only the fees for the products charged by itself. You need to contact the specific service provider for the refund details.

----End

### 2.4.2.3 Unsubscription Not Allowed

Any unsubscriptions from resources are not allowed in any of the following scenarios. You can go to the **Orders > Unsubscriptions** page in the Billing Center, and choose **Unsubscribe from In-Use Resources > Unsubscription Not Allowed** to view the reason why these resources in use cannot be unsubscribed from.

#### 1. Common unsubscriptions not allowed

- Free cloud services
  - Trial cloud services
  - One-off billed cloud services
  - Resource package products (excluding cloud server backups and data warehouses)
  - Products for which other transactions are in progress
  - Expired cloud services
  - **Account frozen for legal management.** If your account is frozen due to violation, all your resources cannot be unsubscribed from. If one of your resources is frozen due to violation, that resource cannot be unsubscribed from.
  - KooGallery cloud service for which an invoice has been issued, or resources for which an invoice has been issued to a partner
  - Orders associated with a standard sales contract
  - Cloud services that have participated in a special reward event, such as promotion packages, promotion coupons, promotion coupon gift packs, discount coupon plans, lucky draws, and recommendation for gift (cloud bean)
  - DevCloud products
2. **KooGallery products that you cannot unsubscribe from**  
You cannot unsubscribe from KooGallery products. See [Unsubscription Rules](#) for details.
  3. **Other unsubscriptions not allowed**
    - Resources are unavailable.
    - You have purchased a portfolio subscription.
    - The subscription relationship records have been dumped.
    - You have subscribed to a support plan and have already used some of the benefits it provides.
    - A senior benefit has been used for trial.
  4. Cloud services that you cannot unsubscribe from:

No.	Cloud Service
1	HUAWEI CLOUD Meeting
2	SSL Certificate Service
3	Dedicated Computing Cluster (DCC)
4	Anti-DDoS Service (AAD)
5	API gateways
6	Simple Message Notification (SMN)
7	IoT Device Access (IoTDA)
8	Direct Connect
9	Contact Center

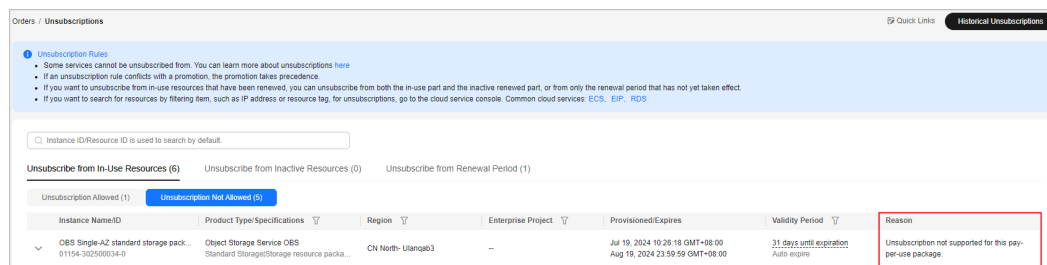
No.	Cloud Service
10	Artificial Intelligence Service
11	Machine Learning Service
12	Elasticsearch Service
13	Dedicated Cloud Bare Metal Server
14	Dedicated Cloud Server Backup
15	Dedicated Cloud Storage
16	CCE Agile (HCS)

5. The following types of resources are not displayed on the **Orders** > **Unsubscriptions** page in the Billing Center:
- One-time use products, which become invalid immediately after purchase
  - Reserved instances which need to be unsubscribed from on the specific cloud service page

## Procedure

**Step 1** Go to the **Orders** > **Unsubscriptions** page in the Billing Center, and choose **Unsubscribe from In-Use Resources** > **Unsubscription Not Allowed**.

**Step 2** Locate the target instance and view the reason why it cannot be unsubscribed from.



----End

### 2.4.3 Unsubscribing from Inactive Resources

Inactive resources are those in a resource package or add-on package you have purchased again, for which you have specified an effective time. In an unsubscription from an inactive resource, no handling fees are charged and the used cash coupons are returned.

#### NOTE

Your request for unsubscribing from an order of more than \$1000 USD needs to be reviewed by your account manager. If your account manager does not review it within 24 hours, your request will be approved automatically. For more details, see [Precautions When You Unsubscribe from Resources Over \\$1000 USD](#).

## Scenarios When These Resources Cannot Be Unsubscribed From

You cannot unsubscribe from inactive resources when any of the following conditions exists.

- Other transactions for the resource are in progress.
- Special unsubscriptions from the resource are being requested.
- The subscription was part of any promotional events and invoices were issued (issued from KooGallery cloud services or issued to partners).
- Your account or a specific resource was frozen for legal management.

## Procedure

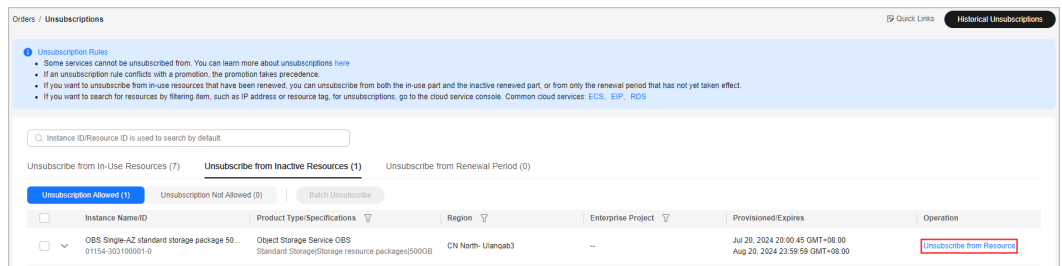
**Step 1** Go to the [Unsubscriptions](#) page in the Billing Center.

**Step 2** Choose **Unsubscribe from Inactive Resources > Unsubscription Allowed**.

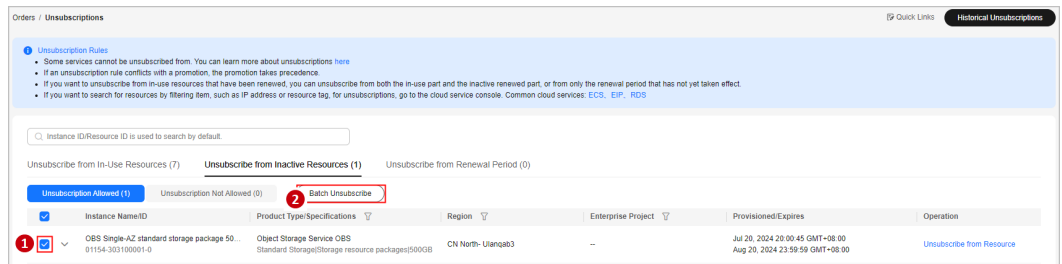
**Step 3** Unsubscribe from a single inactive instance or instances in a batch based on the actual requirements.

### NOTE

1. You can search for instances by instance name, order number, or ID, or filter instances by product type, region, or enterprise project. Only when the enterprise project management function is enabled, you can filter instances by enterprise project.
  2. If you unsubscribe from inactive instances in a batch, a combined transaction order is generated. On the combined order details page, click the order number of an instance to view the detailed unsubscription and refund of the instance.
- **Single unsubscription:** Click **Unsubscribe from Resource** in the **Operation** column for the instance which you want to unsubscribe from.



- **Batch unsubscription:** Select the target instances from the list and click **Batch Unsubscribe** on top of the list.



**Step 4** View the unsubscription information and refunds. Select the unsubscription reason, and click **Confirm**.



< | Unsubscribe from Inactive Res...

**i** If you unsubscribe from an inactive resource ( **Full Refund** ), the amount you paid will be refunded. There are no handling fees involved. Any applied cash coupons (if still valid) will be returned, but discount coupons will not.

Instance Information	Unsubscription Type	Paid (USD)	Refund Estimate (USD)	Actual Refund (USD)
Traffic Package in Outside Mainland China 500G... 01154-221600053-0 Service Type: Content Delivery Network CDN Region: Global	<b>Full Refund</b>	Credit Card/Account Balance...	Credit Card/Account Balance: ...	Credit Card/Account Balance: 57.00
<b>Total</b>		57.00	57.00	57.00

**\* Select Reason for Unsubscription**

Incorrect parameter selection during purchase     More services purchased than deployment requirement     Service tests completed     Poor service

Service deployment requirements not met     Irreparable fault     Other

Please explain your specific reason for canceling your subscription. Enter a maximum of 100 characters. 0/100

Actual Refund **\$57.00 USD**

Credit card/Account balance: \$57.00 USD  
This is an estimate only. See the final bill for the exact amount.

**Confirm**

----End

## 2.4.4 Unsubscribing from a Renewal Period

If a resource is renewed, you can choose to unsubscribe from the renewal period. You can only unsubscribe from a renewal period that has not taken effect. If a renewal period has already taken effect, you can only unsubscribe from the resources involved.

When there is more than one renewal period that has not taken effect, you can choose the resource's expiration time to unsubscribe from multiple renewal periods.

### NOTE

- In an unsubscription from a renewal period that has not yet taken effect, no handling fees are charged and the used cash coupons are returned. Unsubscribing from a renewal period that has already taken effect is equivalent to unsubscribing from a resource. For details, see [the rules of unsubscribing from in-use resources](#).
- Your request for unsubscribing from an order of more than \$1000 USD needs to be reviewed by your account manager. If your account manager does not review it within 24 hours, your request will be approved automatically. For more details, see [Precautions When You Unsubscribe from Resources Over \\$1000 USD](#).

## Scenarios When a Renewal Period Cannot Be Unsubscribed From

You cannot unsubscribe from a renewal period in the following situations:

- If another transaction is in progress for a resource, you cannot unsubscribe from the renewal period.
- If you perform a change operation before a renewal period takes effect, you can only unsubscribe from the resource and cannot unsubscribe from the renewal period.
- If you add a subsidiary resource after you have successfully renewed your yearly/monthly resources, you can only unsubscribe from the resources and

cannot unsubscribe from the renewal period. If you add a subsidiary resource and then renew your yearly/monthly resources, you can unsubscribe from the renewal period.

- If there is a bandwidth add-on package, you cannot unsubscribe from the renewal period. You must unsubscribe from the add-on package before unsubscribing from the renewal period.
- If the renewal order was made during a promotional event or an invoice has been issued for the order (issued from KooGallery cloud services or issued to partners), you cannot unsubscribe from the renewal period.
- You cannot unsubscribe from a renewal period of CloudSite.
- Your account or a specific resource was frozen for legal management.

## Procedure

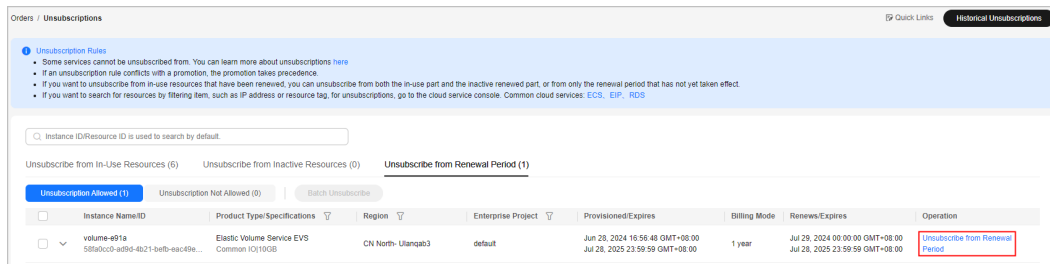
**Step 1** Go to the **Unsubscriptions** page in the Billing Center.

**Step 2** Choose **Unsubscribe from Renewal Period > Unsubscription Allowed**.

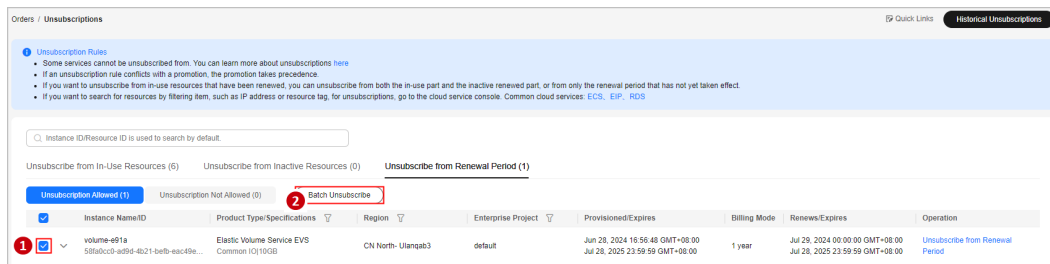
**Step 3** You can unsubscribe from the renewal period of a single instance or renewal periods of instances in a batch based on the actual requirements.

### NOTE

1. You can search for instances by instance name, order number, or ID, or filter instances by product type, region, or enterprise project. Only when the enterprise project management function is enabled, you can filter instances by enterprise project.
  2. If you unsubscribe from the renewal periods in a batch, a combined transaction order is generated. On the combined order details page, click the order number to view the detailed unsubscription and refund.
- **Signal unsubscription from a renewal period:** Click **Unsubscribe from Renewal Period** in the **Operation** column for the instance whose renewal period you want to unsubscribe from.



- **Batch unsubscription from renewal periods:** Select the target instances whose renewal periods you want to unsubscribe from and click **Batch Unsubscribe** on top of the list.



**Step 4** Click **Expand** to view the unsubscription details. Select the new expiration time, view the refund details, and confirm the renewal period to be unsubscribed from. Then, click **Confirm**.

< | Unsubscribe from Renewal Peri...

**i** If you unsubscribe from an inactive renewal period ( **Full Refund** ), the resource will not be released, but the amount you paid will be refunded. There are no handling fees involved. Any applied cash coupons (if still valid) will be returned, but discount coupons will not.

Instance Information	Unsubscription Type	Expiration Time	Paid (USD)	Refund Estimate (USD)	Actual Refund (USD)
hws.resource.type volumename 240814_bf1273ecef584e33ae0135d8aa71... Service Type: Elastic Volume Service EVS Region: Global	Full Refund	Original: Nov 14, 2024 22:59:59... New: Oct 14, 2024...	Credit Card/Account B...	Credit Card/Account B...	Credit Card/Account Balance: 10.80
<b>Total</b>			<b>10.80</b>	<b>10.80</b>	<b>10.80</b>

Hide

Actual Refund **\$10.80 USD**

Credit card/Account balance: \$10.80 USD  
This is an estimate only. See the final bill for the exact amount.

**Confirm**

**Step 5** Confirm the message displayed in the dialog box and click **Yes**.

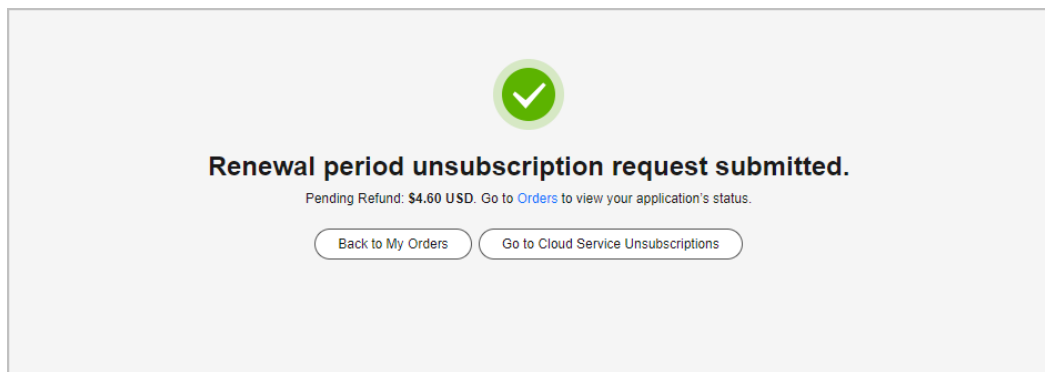
**!** **Are you sure you want to unsubscribe from the renewal period?**

The resources will not be released but they will expire when the original subscription ends.

Instance Name/ID	Service Type	New Expiration Time
volume-e91a 58fa0cc0-ad9d-4b21-be...	Elastic Volume Service	Jul 28, 2024 23:59:59 G...

**Yes** **No**

**Step 6** After the unsubscription request is submitted, you can view the unsubscription progress on the order details page.



----End

## 2.4.5 Unsubscribing from a Resource That Failed to Be Created or Changed

If your order has any resources that failed to be provisioned, these resources will be automatically unsubscribed from.

### Important Notes

- When you unsubscribe from a resource that fails to be created or changed, no handling fees will be charged, the amount due will not be charged, and cash coupons will be returned.
- For details about the provisioning status of a resource in an order, see [Viewing Order Details](#).
- If a portfolio product (such as solution portfolio and smaller package, excluding DevCloud packages) has resources that failed to be provisioned, you will be automatically unsubscribed from all the resources in the product.
- If the billing mode fails to be changed from pay-per-use to yearly/monthly, automatic unsubscription is allowed.

#### NOTE

If a partner uses coupons for payment, the coupons the partner's reseller customers used to pay for their **existing orders** will not be returned during resource unsubscriptions.

## 2.4.6 Refunding

After submitting an order for unsubscription, specification downgrade, or changing the billing mode immediately to Pay-per-Use, you can view the refund progress and the refunded amount on the order details page. If the order has been completed, you can choose **Billing > Bills** to view refund details. For more information, see [Viewing Bills](#).

1. The refund process varies according to your payment option.
  - **Paid using your Huawei Cloud account balance:** After the order processing is complete, the refund will be returned to your Huawei Cloud account within 1 working day.
  - **Paid using a third-party online payment (such as a credit card) or an added credit card:** After the order processing is complete, the refund will

be returned to your payment account within 7 working days. You can contact your bank to learn about the detailed banking procedures and money arrival time.

- **Paid using monthly-settlement:** After the order processing is complete, the refund will be settled at the end of the month. The refund for unsubscription is included in the bill for the month when the unsubscription is successful.
2. If you paid using coupons, see refund details in [Will Used Coupons Be Returned During My Resource Unsubscriptions?](#)
  3. If your unsubscription or specification downgrade order requires approvals, the refund will be returned only after the order is approved and in the **Completed** state. If you need an urgent approval, contact customer service or your account manager.

# 3 Resource Packages

You can view your subscribed pay-per-use resource packages on the **Resource Packages** page.

## Background Information

A resource package is a resource quota you buy in advance. Huawei preferentially deducts the pay-per-use resource usage from the eligible resource package.

If the resource package is used up or expires, Huawei Cloud charges the resource based on its pay-per-use price. Click [Here](#) to view the price details.

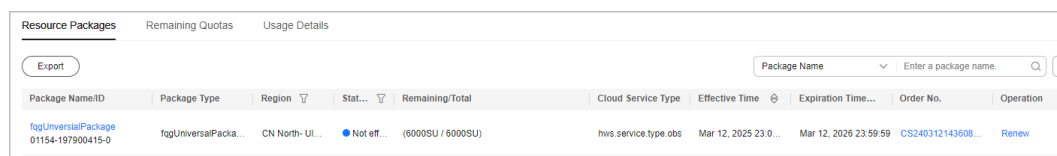
See [Deduction Rules for Resource Packages](#) for information about how your pay-per-use resource packages will be used to pay for your cloud services.

See [Querying Resource Packages](#) and [Querying the Resource Usage](#) for details about how to use APIs to query resource packages.

## Viewing the List of Resource Packages

**Step 1** Go to the [Resource Packages](#) page.

**Step 2** Click the **Resource Packages** tab to view the list of pay-per-use resource packages.



Package Name/ID	Package Type	Region	Stat...	Remaining/Total	Cloud Service Type	Effective Time	Expiration Time...	Order No.	Operation
fsgUniversalPackage 01154-197900415-0	fsgUniversalPacka...	CN North- UI...	● Not eff...	(6000SU / 6000SU)	nws.service.type obs	Mar 12, 2025 23:0...	Mar 12, 2026 23:59:59	CS240312143608...	Renew

- Click a resource package name/ID to view its details.
  - Click **Usage Statistics** to view the deduction chart of the service.
  - Click **Export Deduction Details** to export the usage details.
  - Deduction mode: Resource packages can be resettable or unresettable.
    - Resettable resource package: Its capacity decreases linearly, and is cleared at the end of each reset period and restored at the beginning of the next reset period until the package expires.  
For example, if the memory of a monthly resettable Cloud Container Instance resource package is 2,920 GB\*hour/month and the package

is valid from 2019/07/01 00:00:00 to 2020/07/01 00:00:00, 2,920 GB\*hour of memory can be deducted each month within the validity period.

- Unresettable resource package: Its capacity decreases linearly and is deducted continuously.

For example, if the total capacity of an unresettable Image Tagging resource package is 10,000 times and the package is valid from 2019/07/01 00:00:00 to 2020/07/01 00:00:00, 10,000 times can be deducted within the validity period.

- Click the order No. to go to the **Billing Center > My Orders** page and view the order details.
- Click **Renew** or **Buy Again**. On the renewal page that is displayed, select a renewal duration and click **Pay**.

----End

## Viewing Remaining Quotas

**Step 1** Go to the [Resource Packages](#) page.

**Step 2** Click the **Remaining Quotas** tab. The remaining usage of resource packages is displayed.

The usage of resource packages with the same specifications is displayed as a whole.

----End

## Viewing Usage Details

**Step 1** Go to the [Resource Packages](#) page.

**Step 2** Click the **Usage Details** tab.

**Step 3** View the usage of your resource packages over the last 18 months.

### NOTE

You can view the usage details of your resource packages by **Started** within a time range of 90 days.

----End

## Configuring Usage Alert

You can click **Usage Alert** in the upper right corner of the page to configure usage alerts for resource packages.

- On the **Usage Alert** page, set the remaining usage threshold to either a percentage or an absolute value. For detailed field description, see [Table 1](#). Once the threshold type is changed, the original settings will become invalid.

### Usage Alert ✕

**i** 1. When the remaining usage of a resource package reaches the preset threshold, you will receive notification by SMS and email. (If you have more than one resource package of the same type used together, the total remaining usage is calculated.)  
 2. After you buy new resource packages or renew existing ones, the total package usage will be re-calculated and remaining usage alerts are adjusted accordingly.  
 3. The usage of each resource package applicable to only one certain region will be calculated separately.  
 4. Alerts are not supported for those resource packages that are reset on a per hour, day, or week basis.

Threshold Type ?

Percentage
  Absolute value
  Custom  
Once changed, configurations based on the previously set type become invalid.

Batch Alerting

Remaining Usage Threshold

Package Item	Enable/Disable	Threshold Type	Remaining Usage Threshold
fqqNormalPackageTypeHKobssize	<input checked="" type="checkbox"/>	Percentage <span style="font-size: small;">v</span>	30% <span style="font-size: small;">v</span>
fqqNonresetableUniversalPackageHK	<input checked="" type="checkbox"/>	Percentage <span style="font-size: small;">v</span>	30% <span style="font-size: small;">v</span>
fqqYearlyUniversalPackageHK	<input checked="" type="checkbox"/>	Percentage <span style="font-size: small;">v</span>	30% <span style="font-size: small;">v</span>
fqqNormalPackageTypeHKobsgt	<input checked="" type="checkbox"/>	Percentage <span style="font-size: small;">v</span>	30% <span style="font-size: small;">v</span>
fqqMonthlyUniversalPackageHK	<input checked="" type="checkbox"/>	Percentage <span style="font-size: small;">v</span>	30% <span style="font-size: small;">v</span>

Cancel OK

**Table 3-1** Usage Alert fields

Threshold Type	Description	Setting
Percentage	Percentage of a resource package remaining	<ul style="list-style-type: none"> <li>Separated settings Select one or more resource packages from the list, and set their thresholds one by one.</li> <li>Batch settings Click <b>Batch Alerting</b>, and select a threshold from the <b>Remaining Usage Threshold</b> drop-down list to set one percentage threshold for all resource packages.</li> </ul>



Threshold Type	Description	Setting
Absolute value	Absolute amount of a resource package remaining	<ul style="list-style-type: none"><li>• Separated settings Select one or more resource packages from the list, and set their thresholds one by one.</li><li>• Batch settings Click <b>Batch Alerting</b>, and set one absolute-value threshold for all resource packages.</li></ul>
Custom	Combination of percentage or absolute value thresholds.	<ul style="list-style-type: none"><li>• Select one or more resource packages from the list, and set their thresholds one by one.</li><li>• <b>Batch Alerting</b> is not available.</li></ul>

- When the remaining usage of a resource package reaches the threshold, you will be notified via SMS or email.
- If a new resource package is purchased or an existing one is renewed, the total usage will change. In this case, the remaining usage will be evaluated again.
- The usage will be calculated separately for each region.
- When multiple resource packages are used at a time, the total remaining quota of these resource packages is counted.
- Usage alerting is not supported for resource packages that are reset by hour, day, or week.

## Exporting a Resource Package

**Step 1** Go to the [Resource Packages](#) page.

**Step 2** Click **Resource Packages**.

**Step 3** Click **Export**, select what you want to export, and click **OK**.

**Step 4** Go to **Billing > Export History** to access the exported file.

----End

## Viewing Instance Usage in Resource Package

**Step 1** Go to the [Resource Packages](#) page.

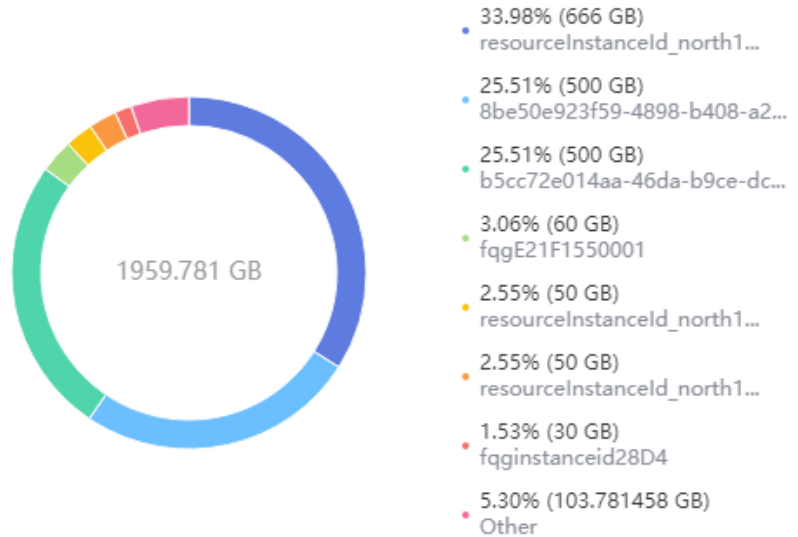
**Step 2** Click **Resource Packages**.

**Step 3** Click the name of the resource package you want to view. The resource package details page is displayed.

**Step 4** Click **Usage Statistics** on the right to view the instances deducted from the resource package, as shown in **Figure 1**.

**Figure 3-1** Usage of the instances deducted from the resource package

**Deducted Instances**



**NOTE**

- The ring chart presents the total resource usage and the individual instance usage proportions in a statistical period. The detailed usage of each instance is displayed on the right.
- A maximum of eight records can be displayed in descending order by percentage. If there are more than eight instances, the eighth record represents the sum of percentages of the eighth instance and its subsequent instances.
- The usage percentage of each instance is rounded off to the 2nd decimal place. Due to rounding, the individual usage percentages may not always add up to 100%.
- By default, the statistics are collected for the instance usage in the current month. You can set the statistical period as needed.

----End

# 4 Funds Management

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[4.1 Payment Methods](#)

[4.2 Top-Up and Payment](#)

[4.3 Bank Transfer Claim](#)

[4.4 Expenditure Quota](#)

## 4.1 Payment Methods

### 4.1.1 Adding a Payment Method

After you successfully register an account, you must add a mobile number, complete your account information, and then add a credit card to subscribe to and enable cloud services. Otherwise, you can only view service information.

#### Important Notes

When you add a credit card, Huawei Cloud makes an authorization charge of \$1 USD from your card to verify that the card is valid. This amount will be automatically refunded to your card shortly after your account is activated, but the time this takes depends on your card issuing bank.

#### Procedure

**Step 1** Go to the [Payment Method](#) page.

 **NOTE**

If no payment method is added, after you log in to the Huawei Cloud International site, click **Associate now** in the prompt message to complete your account information.

**Step 2** Click **Add Card**.

The **Complete Information** page is displayed.

**NOTE**

If you have registered within the last 10 minutes, go to **Step 5**.

If you have added your mobile number, go to **Step 7**.

If you have completed your account information, go to **Step 9**.

The screenshot shows a progress bar at the top with four steps: 1. Verify Identity (active), 2. Bind Mobile Number, 3. Complete Account Information, and 4. Select Payment Option. Below the progress bar, the text reads "Verify your identity to proceed with the operation." There are two input fields: "Email Address" (masked with grey dots) and "Verification Code" (with a red asterisk). To the right of the "Verification Code" field is a "Send Code" button and a link "Didn't get a verification code?". Below these fields is a "Next" button.

**Step 3** Click **Send Code**, and enter the verification code received by your email.

**Step 4** Click **Next**.

**Step 5** Enter a mobile number allocated in the region where your account is registered, click **Send Code**, and enter the SMS verification code in the text box.

The screenshot shows a progress bar at the top with four steps: 1. Verify Identity, 2. Bind Mobile Number (active), 3. Complete Account Information, and 4. Select Payment Option. Below the progress bar, there are two input fields: "Mobile Number" (with a red asterisk) and "Verification Code" (with a red asterisk). To the right of the "Verification Code" field is a "Send Code" button and a link "Didn't get a verification code?". Below these fields is a "Next" button.

**Step 6** Click **Next**.

**Step 7** Select an account type (**Individual** or **Enterprise**), and enter the required information.

- For an individual, select **Individual**, enter your name and address, and select an industry.
- For an enterprise, select **Enterprise**, enter the enterprise's name and address as well as the contact's name and position, and select an industry and the currency.

Verify Identity   
  Bind Mobile Number   
  **3 Complete Account Information**   
  4 Select Payment Option

\* Account Type     Individual     Enterprise

\* Full Name   

\* Qualification Name   

Qualification Proof   

Only .doc, .docx, .jpg, .png, .pdf, and .odt files are supported. Maximum file size: 5 MB

Tax Identification Number   

\* Address Line 1   

Address Line 2   

\* Commune   

\* City   

\* State/Province/Region   

\* Postal Code   

Country/region    Chile

\* Payment Currency   

\* Industry   

**Step 8** Click **Next**.

**Step 9** Enter the card No., expiration date, security code, and card holder's name as prompted, and click **OK**.

Payment Methods / Add Card

Only Visa/MasterCard credit cards are supported. Debit cards, prepaid cards, virtual cards, and gift cards are not supported. If you need to add a debit card, [submit a service ticket](#). Huawei Cloud will notify you whether the card can be added.

- After you submit your credit card information, Huawei Cloud will deduct a deposit from your credit card to check the card validity, and the deposit will be automatically returned to your credit card.
- A credit card can be associated with only one Huawei Cloud account.
- The credit card to be used must meet Huawei Cloud requirements.
- You authorize us to deduct fees from your credit card based on your expenditures.
- It will take approximately 2 minutes to add a credit card.
- Your card information will be synchronized to the card issuing bank for card verification.

Amount   

The deposit will be returned to your credit card in a week.

Card No.   

Name on Card   

Expires     /

Security Code   

A 3-digit number on the rear side of the card or a 4-digit number on the front side

I have read and agree to the [Agreement on Card Binding for Huawei Cloud \(International Users\)](#)

 **NOTE**

When you add a card, Huawei Cloud makes a \$1 USD (or an equivalent amount in other currencies) charge to verify the card is valid. This charge will be refunded to your credit card later. The time it takes to refund the charge depends on your card issuing bank.

If you are in Chile, you also need to enter your ID type and ID number when adding a card. ID types include:

- RUT: Taxpayer identification number in Chile, for example, 8148691-0.
- Otro: Other identification code, whose value can contain only 5 to 20 characters.

**Step 10** On the displayed bank page, complete identity verification.

- After you successfully add the card, you get the postpayment qualification, which means that you can use first and then pay for your cloud services on Huawei Cloud.
  - Huawei Cloud will generate a bill on the third day of the following month and send it to you, and deducts the fee from your credit card.
  - If we have reasonable grounds to suspect that your account is at risk of falling into arrears, we have the right to immediately issue bills to you based on expenses incurred and deduct fees from your credit card.
- If the card fails to be added, the **Historical Cards** page is displayed, showing the reason in **Result**. You can choose to add the card again or submit a service ticket.

----End

## Historical Cards

On the **Payment Methods** page, click **History** to view historical card adding records. If the card fails to be added, the reason for failure is shown in **Result**.

## Order of Deductions for Credit Cards

In the credit card list, click **Set as Default** in the **Operation** column to set the credit card as the default credit card for payment.

- If you have added multiple credit cards, the system deducts fees from the default credit card first.
- When the balance of the default credit card is insufficient, the system will deduct fees from other valid credit cards in sequence until the payment is successful.

## Changing the Validity Period of a Credit Card

In the credit card list, click **Edit** in the **Operation** column to set its validity period.

 **NOTE**

When you change the validity period of your credit card, Huawei Cloud makes a \$1 USD (or an equivalent amount in other currencies) charge to verify the card is valid. This charge will be refunded to your credit card later. The time it takes to refund the charge depends on your card issuing bank.

## Deleting a Credit Card

In the credit card list, click **Delete** in the Operation column to unbind the credit card.

### NOTE

The default credit card for payment cannot be removed.

## Setting a Currency

1. Click the currency link to go to **My Account > Preferences**.
2. In the **Currency** area, select a currency and click **Save**.

### 4.1.2 Payment Limits

There are payment limits for a one-time payment, as listed in [Table 4-1](#).

Table 4-1 Payment limits

Currency	Upper Limit	Lower Limit
CLP	11,000,000	1
USD	20,000	N/A

## 4.2 Top-Up and Payment

### 4.2.1 Topping Up an Account (Prepaid Direct Customers)

#### Important Notes

If you set an expenditure limit alert on the **Overview** page, you will receive a text message when your balance is less than the preset threshold.

Prepaid customers use top-up accounts to pay for their resources, but the top-up accounts are not supported for enterprise member accounts.

Postpaid customers purchase their resources first and are billed later. Top-up accounts are not supported for postpaid customers. For details about payment operations, see [Making Payments \(Postpaid Direct Customers\)](#).

#### Procedure

**Step 1** Open the [Pay](#) page.

**Step 2** Select a payment method.

- Online Payment

Enter a **top-up amount** and click **Next**. You are redirected to the payment page. Complete the payment process.


### Top Up

**i** For more information, see [How Do I Top Up an Account?](#)

#### Account Quota

Account Balance \$9,420,164.29 USD Available Balance ⓘ \$10,421,064.29 USD



#### Top-Up Method

Online Payment   Bank Transfer

#### Top-Up Amount (USD)

[Switch Currency](#)

#### Payment Card

Other card   credit cards supported.

 **NOTE**

If you click **Switch Currency**, the [Preferences](#) page of My Account is displayed. On this page, you can select a different payment currency, and click **Save** to save the change.

- Bank Transfer



### Top Up

For more information, see [How Do I Top Up an Account?](#)

**Account Quota**

Account Balance \$9,420,164.29 USD Available Balance ⓘ \$10,421,064.29 USD

**Top-Up Method**

Online Payment **Bank Transfer**

**Transfer Process:**

Step 1: Transfer the money to the Huawei Cloud top-up account.  
Step 2: Go to the [Claim Bank Transfer](#) page to claim your money. The money will be transferred to the top-up account in two or three days within the same country/region. It may take longer time across countries/regions. Contact your bank to check the estimated money arrival time.  
Step 3: After your money is arrived, Huawei Cloud will top up your account. Contact your bank for the detailed banking procedures and money arrival time.

Please transfer to the top-up account below.  
Provide the invoice No. in your bank transfer information so that HUAWEI CLOUD makes the settlement.

Recipient	<input type="text"/>
Recipient Address	<input type="text"/>
Currency	<input type="text"/>
Account Bank	<input type="text"/>
Account Number	<input type="text"/>
SwiftCode	<input type="text"/>

#### NOTE

- You can view the bank transfer account information on the invoices issued to you or on the [Billing Center](#). The Billing Center displays only the most current account details. The accounts on historical invoices may be different.
- To ensure timely and accurate payment confirmation, please submit your payments based on the account and currency information on the invoice, and specify the invoice number.
- The money will arrive in the bank transfer account within the same country/region in two or three days. Cross-country or cross-regions transfers take longer. Contact your bank for details.

After you transfer the money, do as follows:

- Go to the [Claim Bank Transfer](#) page.
- Click **Submit Claim** and enter the bank transfer information.
- Upload the bank transfer certificate.

After the bank transfer is complete, Huawei Cloud will manually top up your account based on the claim information.

#### NOTE

After the claim is confirmed, the money will be applied to the Huawei Cloud account you used to submit the claim. If there is any special requirement, submit a [service ticket](#).

----End

## 4.2.2 Topping Up an Account or Making Payments (Partner Customers)

When you want to associate with your partner, you can choose either the referral or reseller model.

- In the referral model, you need to pay for your own orders. The top-up and payment methods in Referral model are the same as those for direct customers.
- In the reseller model, your account balance is allocated by your partner.
  - Online top-up is not supported. Instead, you need to contact the partner to assign you a monthly budget.
  - Online payment is not supported. Instead, you need to contact the partner for settlement.
  - You can pay any arrears incurred before the association yourself. For details, see [4.2.3 Making Payments \(Postpaid Direct Customers\)](#) or [4.2.4 Making Payments \(Prepaid Direct Customers\)](#).

## 4.2.3 Making Payments (Postpaid Direct Customers)

You can choose the **Funds Management > Pay** page to pay for resources you have already used.

If you are using a member account for unified accounting management, you can pay only the outstanding bills incurred before your association with the master account.

You can:

- Pay historical bills. For details, see [Pay Historical Bills](#).
- Pay estimated bills. For details, see [Pay Estimated Bills](#).

### Pay Historical Bills

On the third day of each month, Huawei Cloud generates bills for the expenditures in the previous month. You can view all your bills to be paid and pay them.

**Step 1** Open the [Pay](#) page.

Click **Payment History** in the upper right corner of the page. The [Payment History](#) page is displayed. On this page, you can view your payment records. For more information, see [Payment History](#).

**Step 2** Click the Payment Pending tab, and view all bills to be paid.

#### NOTE

- **Billed Remaining Amount Due:** Total amount in historical bills to be paid.
- **Estimated Unbilled Amount:** Amount estimated by Huawei Cloud as of the current time. You can click the specific **Estimated Unbilled Amount** to go to the Bill Pending tab page and view details.
- If there are two or more billing cycles, you can select any billing cycle to pay.

Payment Pending		Bill Pending					
Billed Remaining Amount Due							
<b>\$2,158.05 USD</b> Estimated Unbilled Amount: \$957.67 USD							
By Billing Cycle							
Month	Billing Cycle	Due Date	Status	Amount Due (USD)	Remaining Amount Due	Exchange Rate	Operation
Jun 2023	Jun 01, 2023 - Jun 30, 2023	Jun 03, 2023	Not overdue	2,118.60	804.60 USD	1 USD = 1 USD	<a href="#">Pay</a> <a href="#">Details</a>
Oct 2021	Oct 01, 2021 - Oct 31, 2021	Nov 03, 2021	Not overdue	1,315.42	1,315.42 USD	1 USD = 1 USD	<a href="#">Pay</a> <a href="#">Details</a>
Sep 2021	Sep 01, 2021 - Sep 30, 2021	Sep 03, 2021	Not overdue	42.72	38.03 USD	1 USD = 1 USD	<a href="#">Pay</a> <a href="#">Details</a>
Total Records: 3				5	<	1	>
View the payment of bills <a href="#">in detail</a> .							

- Click **in detail**. Then, you can view the bills to be paid on the **Bills** page.
- Click **Details** in the **Operation** column. You can view the bills for the current billing cycle on the **Bills** page. For more information, see **Bills**.

**Step 3** Select a billing cycle and click **Pay** in the **Operation** column.

**Step 4** Select a payment method.

- Online Payment


Enter the amount you want to pay, click **Pay**, and confirm the payment details. After the payment is complete, the system displays the payment result.

 **NOTE**



The system displays the remaining amount due in the current billing cycle by default. You can change the amount, but the new value cannot be greater than the default one.

**Pay / Pay Bills**

**i** 1. You are recommended to use the online payment method.  
2. If you transfer money to the standard Huawei top-up account, [submit a service ticket](#).

Payment Method: Online Payment  Bank Transfer

Amount (USD):  Maximum one-time payment: \$40,000.00 USD

Payment Card:  Other card   credit cards supported.

Pay

- Bank Transfer (to a dedicated account)

**CAUTION**

You can transfer the money to the dedicated or general account for payments.

- Huawei Cloud automatically allocates a dedicated account and associates it with your Huawei Cloud account. Different customers have different dedicated accounts. After the money arrives in your dedicated account, Huawei Cloud will automatically transfer the money to your Huawei Cloud account.
- The general account is available to all Huawei Cloud customers. After the money is transferred to the general account, you need to submit a service ticket. After the money arrives in the general account, related personnel will manually transfer the money to your Huawei Cloud account according to the service ticket you submitted.

If you obtain credits offline and sign with **Sparkoo Technologies Hong Kong Co., Limited** or **Sparkoo Technologies Singapore Pte. Ltd.**, you can use the dedicated account for bank transfer. Otherwise, you can only use the general account. You are advised to use your dedicated account for money transfer if you have one.

The screenshot shows the 'Pay / Pay Bills' interface. At the top, there is a blue banner with two instructions: '1. You are recommended to use the online payment method.' and '2. If you transfer the money to the general bank account, go to the Claim Bank Transfer page to claim the money to your Huawei Cloud account in a timely manner.' Below this, the 'Payment Method' section has two buttons: 'Online Payment' (disabled) and 'Bank Transfer' (active). Underneath, the 'Dedicated top-up account' section contains a text prompt: 'Please transfer money to your dedicated bank account as listed below. Upon receiving the money, HUAWEI CLOUD will top up your target HUAWEI CLOUD account within two working days.' A form with the following fields is displayed: Bank Name, Bank Address, SwiftCode, Branch Code, Payee Name, and Payee Bank Account. At the bottom of the form, there is a link for 'HUAWEI CLOUD Dedicated Account Certification'.

You can see the dedicated account details and transfer money to the account. Huawei Cloud will automatically top up your account within two working days when receiving the bank transfer.

- Bank Transfer (to a general account)

Pay / Pay Bills

1. You are recommended to use the online payment method.  
2. If you transfer the money to the general bank account, go to the [Claim Bank Transfer](#) page to claim the money to your Huawei Cloud account in a timely manner.

Payment Method  Online Payment  Bank Transfer

**Transfer Process:**  
Step 1: Transfer the money to the Huawei Cloud top-up account.  
Step 2: Go to the [Claim Bank Transfer](#) page to claim your money. The money will be transferred to the top-up account in two or three days within the same country/region. It may take longer time across countries/regions. Contact your bank to check the estimated money arrival time.  
Step 3: After your money is arrived, Huawei Cloud will top up your account. Contact your bank for the detailed banking procedures and money arrival time.

Please transfer to the top-up account below.  
Provide the invoice No. in your bank transfer information so that HUAWEI CLOUD makes the settlement.

Recipient  
Recipient Address  
Currency  
Account Bank  
Account Number  
SwiftCode

[I've transferred the money and want to claim my transferred money now.](#)

**NOTE**

- You can view the bank transfer account information on the invoices issued to you or on the [Billing Center](#). The Billing Center displays only the most current account details. The accounts on historical invoices may be different.
- To ensure timely and accurate payment confirmation, please submit your payments based on the account and currency information on the invoice, and specify the invoice number.
- The money will arrive in the bank transfer account within the same country/region in two or three days. Cross-country or cross-regions transfers take longer. Contact your bank for details.

After you transfer the money, do as follows:

- On the Pay Bills page, click **I've transferred the money and want to claim my transferred money now**. The [Claim Bank Transfer](#) page is displayed.
- Click **Submit Claim** and enter the bank transfer information.
- Upload the bank transfer certificate.

After the bank transfer is complete, Huawei Cloud will manually apply the money to your bills based on the claim information.

**NOTE**

After the claim is confirmed, the money will be applied to the Huawei Cloud account you used to submit the claim. If there is any special requirement, submit a [service ticket](#).

----End

## Pay Estimated Bills

Huawei Cloud will estimate the bill amount based on your actual expenditures in the current billing cycle before the bills for the current billing cycle are generated.

A customer can view the the estimated bills in the current bill cycle and pay them in advance.

**Step 1** Open the **Pay** page.

Click **Payment History** in the upper right corner of the page. The **Payment History** page is displayed. On this page, you can view your payment records. For more information, see **Payment History**.

**Step 2** Click the Bill Pending tab page to view the estimated bills in the current billing cycle.

Payment Pending		Bill Pending			
Month	Billing Cycle	Due Date	Monthly Settlement A...	Exchange Rate	Operation
Jul 2024	Jul 01, 2024 - Jul 31, 2024	Aug 03, 2024	661.52	1 USD = 1 USD	<a href="#">Pay</a> <a href="#">Details</a>

Click **Details** in the **Operation** column. You can view the bills for the current billing cycle on the **Bills** page. For more information, see **Bills**.

**Step 3** Click **Pay** in the **Operation** column.

**Step 4** Select a payment method.

- Online Payment

Enter the amount you want to pay, click **Pay**, and confirm the payment details. After the payment is complete, the system displays the payment result.

**NOTE**

- The system displays the estimated amount of all expenditures to be billed by default. You can change the amount, but the new value cannot be greater than the default one.
- If you click **Switch Currency**, the **Preferences** page of My Account is displayed. On this page, you can select a different payment currency, and click **Save** to save the change.

**Pay / Pay Bills**

**i** 1. You are recommended to use the online payment method.  
2. If you transfer money to the standard Huawei top-up account, [submit a service ticket](#).

Payment Method **Online Payment**  Bank Transfer

Amount (USD)  Maximum one-time payment: \$40,000.00 USD  
[Switch Currency](#)

Payment Card  Other card   credit cards supported.

**Pay**

- Bank Transfer (to a dedicated account)

**CAUTION**

You can transfer the money to the dedicated or general account for payments.

- Huawei Cloud automatically allocates a dedicated account and associates it with your Huawei Cloud account. Different customers have different dedicated accounts. After the money arrives in your dedicated account, Huawei Cloud will automatically transfer the money to your Huawei Cloud account.
- The general account is available to all Huawei Cloud customers. After the money is transferred to the general account, you need to submit a service ticket. After the money arrives in the general account, related personnel will manually transfer the money to your Huawei Cloud account according to the service ticket you submitted.

If you obtain credits offline and sign with **Sparkoo Technologies Hong Kong Co., Limited** or **Sparkoo Technologies Singapore Pte. Ltd.**, you can use the dedicated account for bank transfer. Otherwise, you can only use the general account. You are advised to use your dedicated account for money transfer if you have one.

The screenshot shows the 'Pay / Pay Bills' interface. At the top, there is a blue banner with two instructions: '1. You are recommended to use the online payment method.' and '2. If you transfer the money to the general bank account, go to the Claim Bank Transfer page to claim the money to your Huawei Cloud account in a timely manner.' Below this, the 'Payment Method' section has two buttons: 'Online Payment' and 'Bank Transfer', with 'Bank Transfer' selected. Underneath, the 'Dedicated top-up account' section contains the text: 'Please transfer money to your dedicated bank account as listed below. Upon receiving the money, HUAWEI CLOUD will top up your target HUAWEI CLOUD account within two working days.' A form below this contains fields for 'Bank Name', 'Bank Address', 'SwiftCode', 'Branch Code', 'Payee Name', and 'Payee Bank Account', all of which are currently redacted with grey bars. At the bottom of the form area, there is a link for 'HUAWEI CLOUD Dedicated Account Certification'.

You can see the dedicated account details and transfer money to the account. Huawei Cloud will automatically top up your account within two working days when receiving the bank transfer.

- Bank Transfer (to a general account)

Pay / Pay Bills

1. You are recommended to use the online payment method.  
2. If you transfer the money to the general bank account, go to the [Claim Bank Transfer](#) page to claim the money to your Huawei Cloud account in a timely manner.

Payment Method Online Payment **Bank Transfer**

**Transfer Process:**  
Step 1: Transfer the money to the Huawei Cloud top-up account.  
Step 2: Go to the [Claim Bank Transfer](#) page to claim your money. The money will be transferred to the top-up account in two or three days within the same country/region. It may take longer time across countries/regions. Contact your bank to check the estimated money arrival time.  
Step 3: After your money is arrived, Huawei Cloud will top up your account. Contact your bank for the detailed banking procedures and money arrival time.

Please transfer to the top-up account below.  
Provide the invoice No. in your bank transfer information so that HUAWEI CLOUD makes the settlement.

Recipient	[Redacted]
Recipient Address	[Redacted]
Currency	[Redacted]
Account Bank	[Redacted]
Account Number	[Redacted]
SwiftCode	[Redacted]

**I've transferred the money and want to claim my transferred money now.**

**NOTE**

- You can view the bank transfer account information on the invoices issued to you or on the [Billing Center](#). The Billing Center displays only the most current account details. The accounts on historical invoices may be different.
- To ensure timely and accurate payment confirmation, please submit your payments based on the account and currency information on the invoice, and specify the invoice number.
- The money will arrive in the bank transfer account within the same country/region in two or three days. Cross-country or cross-regions transfers take longer. Contact your bank for details.

After you transfer the money, do as follows:

- On the Pay Bills page, click **I've transferred the money and want to claim my transferred money now**. The [Claim Bank Transfer](#) page is displayed.
- Click **Submit Claim** and enter the bank transfer information.
- Upload the bank transfer certificate.

After the bank transfer is complete, Huawei Cloud will manually apply the money to your bills based on the claim information.

**NOTE**

After the claim is confirmed, the money will be applied to the Huawei Cloud account you used to submit the claim. If there is any special requirement, submit a [service ticket](#).

----End

## 4.2.4 Making Payments (Prepaid Direct Customers)

If you have an outstanding balance as a prepaid customer, pay your bill in a timely manner to prevent related resources from being stopped or released.



## Procedure

Go to the **Funds Management > Top Up** page. For details, see [4.2.1 Topping Up an Account \(Prepaid Direct Customers\)](#).

## Follow-Up Procedure

After the payment is completed, the **Account Statements** page is displayed. You can view the top-up records and arrears written-off records.

- A top-up record's **Transaction Type** is **Top-up**.
- An arrear written-off record's **Transaction Type** is **Expenditure (repayment)**. You can view the specific item in the **Details** column.

## 4.3 Bank Transfer Claim

After transferring money to the general bank account of Huawei Cloud, you need to claim the transferred money. After the claim is confirmed, Huawei Cloud will apply the money to your account used to claim the money.

The money will arrive in the bank account within the same country/region in two or three days. Cross-country or cross-regions transfers take longer. Contact your bank for details. Contact your bank to learn more about the banking procedure and when the money will arrive.

## Important Notes

Ensure that the information you specified here is consistent with the bank transfer form. The information are used for reference only.

## Procedure

**Step 1** Choose **Funds Management > Claim Bank Transfer** page.

**Step 2** Click **Submit Claim**.

**Step 3** Enter the bank transfer information, including the transferred amount, currency, transfer date, sender, and sender's bank account (optional). Select the invoice to be applied, and upload the bank transfer certificate.

**Submit Claim**
✕

Claimed By  
[Redacted]

Amount Transferred

Currency

Transfer Date

Sender

(Optional) Sender Bank Account

Invoices to Be Applied To

<input type="checkbox"/> Invoice No.	Invoice Amount	Billing Cycle
<input type="checkbox"/> [Redacted]	9,000.00	202409
<input type="checkbox"/> [Redacted]	7,000.00	202407
<input type="checkbox"/> [Redacted]	100.00	202412
<input type="checkbox"/> [Redacted]	100.00	202412

Total Records: 4     < 1 >

Attachment

- Only one file less than 10 MB can be uploaded. Supported formats: JPG, JPEG, PNG, ZIP, DOCX, MSG, XLSX and PDF.
- Ensure that the ZIP package contains only files in the preceding formats.

- Amount Transferred:** actual amount transferred via the bank.
- Currency:** currency of the money transferred.
- Transfer Date:** actual date of the bank transfer.
- Sender:** account name of the sender in the bank transfer.
- Sender Bank Account:** bank account number of the sender in the bank transfer. Ensure that the account number is the same as that used for the bank transfer. It cannot contain special characters and spaces.
- Invoices to Be Applied To:** Select the invoices that the transferred money will be applied to. These invoices will be preferred when the system applies the money to the invoices.
- Upload Certificate:** Upload the certificate for the bank transfer. Ensure that the file format is correct.

**Step 4** Click **OK**.

**Step 5** You can view the approval status of the bank transfer claim application you submitted.

After the application is approved, those selected invoices will be preferred.

----End

## 4.4 Expenditure Quota

An expenditure quota is the maximum expenditure amount that a customer using monthly settlement can spend on Huawei Cloud. It is not a payment method. You cannot use this quota for payment or as a basis for reconciliation or payment.

Expenditure quotas are not available for customers associated with a partner in the reseller model or enterprise member accounts.

### Impacts on Services After Your Expenditure Quota Is Exceeded

- If the usage of your expenditure quota reaches or exceeds 100% and you do not make payments in a timely manner, a grace period starts (15 days by default).
- During the grace period, your account is restricted, new cloud services are blocked, and even some provisioned cloud services cannot be used. If you do not submit payment before the grace period ends, a retention period starts (15 days by default).
- During the retention period, your pay-per-use resources (including spot instances) will be frozen, and RIs that were not fully pre-paid will be unsubscribed from (no handling fees apply). The use of RIs paid with all upfront, yearly/monthly resources, and resource packages will not be affected. After the retention period ends, all your pay-per-use resources (including spot instances) will be released.

### Expenditure Quota Usage Notification

- If your expenditure quota usage reaches a certain threshold (80% by default, but this can be modified), Huawei Cloud will send you an SMS notification or email.
- If your expenditure quota usage still reaches 100% during the grace period, Huawei Cloud will send you SMS notifications and emails 15, 7, 3, and 1 days prior to the start of the retention period.
- If your expenditure quota usage still reaches 100% during the retention period, Huawei Cloud will send you SMS notifications and emails 15, 7, 3, and 1 days before releasing the resources.

These are urgent notifications and cannot be disabled.

After receiving an expenditure quota notification, you can take the following measures to ensure that your services are not affected:

- Pay past due Huawei bills in order they were received.
- If you cannot submit payment in a timely manner, contact your account manager to increase the expenditure quota.

## Viewing the Expenditure Quota

**Step 1** Go to the [Expenditure Quota](#) page.

**Step 2** View the ratio of the remaining quota to the total quota.

**Expenditure Quota** User Guide

An expenditure quota is a credit limit HUAWEI CLOUD allocates to you. It specifies the maximum amount that you can owe to HUAWEI CLOUD. It is not used for payment and does not indicate the exact amount you need to pay.

**Used Quota/Total Quota**  
Used: 30.10%  
Used Quota/Total Quota: \$3,010,083,273.06 USD/\$9,999,999,999.00 USD  
Alert Threshold: 88% [Edit](#)

**Used Quota**

$$\$3,010,083,273.06 \text{ USD} = \begin{matrix} \text{Accumulated Billed Amount} \\ \$0.12 \text{ USD} \end{matrix} + \begin{matrix} \text{Estimated Unbilled Amount} \\ \$3,010,083,272.94 \text{ USD} \end{matrix} - \begin{matrix} \text{Account Balance} \\ \$0.00 \text{ USD} \end{matrix} - \begin{matrix} \text{Cash Coupon Balance} \\ \$0.00 \text{ USD} \end{matrix} - \begin{matrix} \text{Flexi-Purchase Coupon Balance} \\ \$0.00 \text{ USD} \end{matrix}$$

**Accumulated Billed Amount** An amount due, which is accumulated from all historical bills. [View details](#)

**Estimated Unbilled Amount** An amount due, which is estimated for expenditures that have not been billed. It is equal to the monthly settlement in your expenditure bill. On the days before the billing date of every month, the estimated amount due includes the expenditure amount of last month and the month-to-date expenditure of the current month. [View details](#)

**Description**

- When your expenditure quota usage reaches the threshold, you will receive SMS and email notifications. The threshold is 80% by default.
- If your expenditure quota has been used up, complete the payment in time to ensure you can buy new resources. You will receive SMS and email reminders for a payment.
- Your expenditure quota is not used for payment. It is not a payment method and does not indicate your bills or payments.
- When your expenditure quota becomes insufficient, contact your account manager to increase your quota or pay your expenditures that have already been incurred.

- **Remaining Quota:** the remaining expenditure quota available to the customer
- **Total Quota:** total expenditure quota that Huawei Cloud has granted to the customer
- **Used Quota** = Cumulative billed amount + Estimated unbilled amount – Cash account balance – Cash coupon balance - Flexi-Purchase coupon balance.
  - **Cumulative Billed Amount:** the total amount payments due from all bills
  - **Estimated Unbilled Amount:** estimated unbilled amount pending payment, which will be the monthly settlement fee in the bill


### NOTE

- If the ratio of the used quota is 0%, the remaining quota is the same as the total quota.
- If the ratio of the used quota is 80%, your expenditure quota is about to be used up. To prevent services from being affected, submit payment in a timely manner.
- If the ratio of the used quota is 100% or more, that means the expenditure quota has been exhausted, and your added credit card will be automatically billed for any additional expenditures. After the payment is complete, your expenditure quota is restored.

**Step 3** Click **Edit** to modify the alert threshold.

### Edit Alert Threshold ✕

1. When the expenditure quota usage reaches the threshold, the recipients will receive SMS and email notifications.

2. You can change the recipients in Recipient Management of the Message Center. [Edit](#) 

Threshold  %

Cancel OK

The threshold is 80% by default, but you can modify this threshold if required.

----End

# 5 Bill Management (Old Version)

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## 5.1 Bills for Customers Using Monthly Settlement

### 5.1 Bills for Customers Using Monthly Settlement

#### 5.1.1 Bills

On the **Bills** page, you can view your monthly expenditures generated since June, 2020.

#### Important Notes

Bills for an enterprise master account contain the expenditure data of its member accounts.

If the payment currency is not USD, the amounts are converted to USD based on the exchange rate, and then rounded off to the 2nd decimal place. When the currency is Japanese yen, the amounts are rounded off to an integer.

#### Viewing Summary Data

The summary data is rounded off to the 2nd decimal place. You can view the exact amounts (accurate to the 8th decimal place) in the exported summary bill in XLSX format.

**Step 1** Go to the **Bills** page.

**Step 2** Click the **Overview** tab.

**Step 3** View information like the total amount, payment summary, and bill details.

Generally, bills are paid by the account that uses the resources. If member accounts have been associated with the master account for unified accounting management, the master account will pay the bills generated after the association. You can use the accounts to filter the bills to be paid.

Overview		Bill Details	
Aug 2020		Export	
<b>Total</b> ⓘ	Discounts: \$2,946.88000000 USD ⓘ		<b>\$46,193.37 USD</b>
HUAWEI CLOUD Charges			\$14,913.37 USD
HUAWEI CLOUD KooGallery Charges			\$31,280.00 USD
<b>Payment Summary</b> ⓘ			
Remaining Amount Due (Due Date Aug 14, 2020)	(Exchange rate: 1 USD=5.333333 EUR) 129,327.94 EUR		<b>\$24,248.99 USD</b>
Payment			\$21,883.53 USD
<b>Cash Coupon Used</b> ⓘ			
Elastic Volume Service - Cash coupon used: \$16.73 USD			
Elastic Cloud Server - Cash coupon used: \$8.00 USD			
Relational Database Service - Cash coupon used: \$19.40 USD			
Virtual Private Cloud - Cash coupon used: \$10.62 USD			
<b>Refund</b> ⓘ			<b>-\$49.05 USD</b>
HUAWEI CLOUD: Order No. CS200806175520QY1 Yearly/Monthly unsubscription		Aug 06, 2020	-\$3.71 USD
HUAWEI CLOUD: Order No. CS200807171043PIK Yearly/Monthly account adjustment - refund		Aug 07, 2020	-\$41.22 USD
HUAWEI CLOUD: Order No. CS20081110147EU0T Yearly/Monthly account adjustment - refund		Aug 11, 2020	-\$4.12 USD
<b>Bill Details</b> ⓘ			
The amount shown here has been rounded off, so there may be some discrepancies with the amount shown in the monthly bill. To view the exact amount, export the monthly bill in Excel format.			<b>\$14,913.37 USD</b>
HUAWEI CLOUD Charges			

① **Total** presents the amount you paid, excluding used cash coupons. Before your bill is generated, this field is displayed as **Estimated Total**. After the bill is generated, the billed amount is displayed, which is the sum of your Huawei Cloud charges and Huawei Cloud KooGallery charges.

- HUAWEI CLOUD charges: expenditures of Huawei Cloud services, including the real-time payments and monthly payments
  - Real-time payments: total amount you have paid to purchase Huawei Cloud products, including the payments for yearly/monthly subscriptions and reserved instances.
  - Monthly payments: Huawei Cloud expenditures settled monthly.
    - If the payment currency is not USD, the amounts are converted to USD based on the exchange rate. Before your bill is generated, the monthly-settlement amounts are also converted to USD based on the live exchange rate but they are for reference only. The amount is subject to the actual bill run.
    - You can click the invoice number to download your invoice.
- HUAWEI CLOUD KooGallery charges: expenditures of KooGallery products, including real-time payments and monthly payments.
  - Real-time payments: total amount you have paid to purchase KooGallery products, including the payments for yearly/monthly subscriptions.
  - Monthly payments: KooGallery expenditures settled monthly
    - If the payment currency is not USD, the amounts are converted to USD based on the exchange rate. Before your bill is generated, the monthly-settlement amounts are also converted to USD based on the live exchange rate but they are for reference only. The amount is subject to the actual bill run.
    - You can click the invoice number to download your invoice.

② **Payment Summary** displays the top-up amount and cash expenditures, excluding cash coupons. The total amount due is the sum of the remaining amount due and amount paid.

- **Remaining Amount Due** (displayed after the bill is generated): Amount to be paid for the current billing cycle. If the payment currency is not USD, the amounts are converted to USD based on the exchange rate.
- **Due Date** (displayed after the bill is generated): The final date before which you must pay off the bill.
- **Amount Paid**: Top-ups and cash expenditures. Cash expenditures include those for yearly/monthly subscriptions and monthly settlement, excluding cash coupons. The date displayed is when fees are deducted from your account.
- **Monthly settlement**: Cash used for payment in the monthly settlement.
- **Monthly settlement-Account credit for payment**: Account credit (negative amount) used for payment in the monthly settlement. If within a billing cycle, the credit refund is greater than the credit payment, a negative amount is generated. The negative amount is then used to offset your monthly settlement fees.
- **Invoice**: Commercial invoices, including invoices for top-ups, are issued for the billing cycle. If you have chosen the monthly settlement option, your invoices are issued after fees are deducted from your account.

③ **Cash Coupon Used** (if any) represents the sum of the cash coupons used to pay for each type of cloud service.

④ **Refund** (if any) represents the refunds for unsubscriptions, specification downgrades, and amount adjustments. The refund for amount adjustments is intended only for orders that are not settled monthly. All refunds are in cash and cash coupons are not returned.

⑤ **Bill Details** displays your expenditures summarized by service type or region.

For details about taxes, see [Tax Help](#).

#### NOTE

The amounts shown on the **Bill Details** page are rounded off, so there may be some discrepancies with the amounts shown in the monthly bill. To view the exact amounts, export the monthly bill in XLSX format.

To use an API to query summary bills, see [Querying Summary Bills](#) for details.

----End

## Viewing Bill Details

The bill details present the detailed bill information of your account.

**Step 1** Go to the [Bills](#) page.

**Step 2** Click the **Bill Details** tab.


**Step 3** Set the search criteria for dimensions and select a billing period.



Billing...	Enterpri...	Payment A...	Account...	Service ...	Resourc...	Billing M...	Bill Type	Resource N...	Resource Tag	Specificatio...	Regio
Jul 2022	bhytest			Elastic Volu...	Elastic Volu...	Yearly/Mont...	Refund-Uns...	volume-c144 010de11c-d240-4	--	High IO 10GB	CN-Hc
Jul 2022	bhytest			Elastic Volu...	Elastic Volu...	Yearly/Mont...	Refund-uns...	volume-c144 010de11c-d240-4	--	High IO 10GB	CN-Hc

- **Usage:** how a pay-per-use cloud service is billed, such as by duration, capacity, or upstream traffic
- **Resource:** cloud resources, such as devices, IP addresses, and ports
- **Resource Type:** type of a cloud resource
- **Service Type:** type of a cloud service
- **Account:** created after registering with Huawei Cloud. The account has full access permissions for all the resources owned by itself.

 **NOTE**

- When you view pay-per-use and yearly/monthly product bills by **Usage** with the period set to **Details**:
  - The **Discount Type** field is set to the actual discount type in the bills generated since 00:00:00 on November 15, 2020 and set to -- in the bills generated before that time.
  - The **Discount Subtype** field is set to the actual discount information in the bills generated since 00:00:00 on August 1, 2021 and set to -- in the bills generated before that time.
- When you view bills by **Usage** with the period set to **By billing cycle** or **By day**:
  - For yearly/monthly subscriptions, the **Discount Type** and **Discount Subtype** fields in the bills are set to the actual discount type and discount information, respectively.
  - For pay-per-use products, the **Discount Subtype** and **Discount Type** fields are set to the actual discount type and discount information in the bills generated since 00:00:00 on August 1, 2022 and set to -- in the bills generated before that time.
- Click  on the right of the amount due to select whether to hide expenditures of \$0 USD.
- Pay-per-use pricing provides unit prices, and the bill amount is equal to the used number of units multiplied by the unit price. Other pricing modes, such as tiered pricing and small amount accumulation, do not provide unit prices.
- For a yearly/monthly product, if a customer updates the resource name and resource tag on the cloud service console, the new name and tag will not be updated to the resources which have expired in the bill.

**Example:**

1. On October 10, 2023, a customer subscribed to an EVS disk for one month. The Billing Center generated an order for the new purchase and the bill for the resource usage.
2. On November 8, 2023, the customer renewed the EVS disk for one month. The Billing Center generated another order for the renewal and the bill for the resource usage.
3. On November 20, 2023, the customer updated the resource name and resource tag on the EVS console.

**Result:**

- Because the resources in the new purchase order have expired, the resource name and tag will not be updated in the corresponding bill.
- However, the resources in the renewal order are still in use, the resource name and tag will be updated in the corresponding bill.

----End

## Downloading Bills

1. Click **Export** on the right of the **Bills** page.
2. Select a bill type (summary bill or transaction bill), specify the file format and data time, and click **OK**.
  - The summary bill in PDF format for a specific month can be used for monthly invoice validations.
  - In the PDF summary bill, the amounts are rounded off to the 2nd decimal place.
  - Data in a monthly summary bill is delayed and not recommended for reconciliation.

- Exact amounts (accurate to the 8th decimal place) are displayed on the exported file in Excel or CSV format.

## Bill Settings

You can click **Bill Settings** in the upper right corner of the page to enable the bill notification function. For details, see [5.1.3 Bill Settings](#).

## Bill Description

Parameter Name	Description
Billing Cycle	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
PayerAccount Name	Name of the paying account. Generally, this account is the one that uses the cloud resources. For an enterprise, if a member account is associated with a master account for unified accounting management, bills will be paid by the master account since the association. In this case, this account is the master account.
Date	Transaction date.
Enterprise Project	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.
Account	Account name of the customer to which a bill belongs.
Service Type	Type of a cloud service.
Resource Type	Name of a cloud resource.
Specifications	A collection of attributes and their values used to describe the features of the resource that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.
Billing Mode	Billing mode. The options are as follows: <ul style="list-style-type: none"><li>• Monthly</li><li>• Yearly</li><li>• Daily</li><li>• One-off</li><li>• Pay-per-use</li><li>• Reserved instance - no upfront</li><li>• Reserved instance - all upfront</li><li>• Reserved instance - half upfront</li></ul>

Parameter Name	Description
Expenditure Time	Time when the expenditure occurs. For yearly/monthly subscriptions, expenditure time is the time of payment, while for pay-per-use products, it is the cloud service validity period.
Order No./ Transaction No.	Unique ID of a yearly/monthly order, or unique ID for a pay-per-use resource.

Parameter Name	Description
Bill Type	<p>The bill types include:</p> <ul style="list-style-type: none"><li>• Expenditure-purchase: fees of purchased yearly/monthly subscriptions</li><li>• Expenditure-renewal: fees of yearly/monthly subscriptions that you manually renew</li><li>• Expenditure-use: fees of pay-per-use products</li><li>• Expenditure-auto-renewal: fees of yearly/monthly subscriptions that are automatically renewed</li><li>• Expenditure-hourly billing: fees of hourly-billed reserved instances</li><li>• Expenditure-unsubscription service charge: handling fees charged for unsubscriptions</li><li>• Expenditure-month-end deduction for support plan: fees charged for the support plan at the end of a month</li><li>• Expenditure-change: fees incurred due to changes in the specifications of yearly/monthly subscriptions</li><li>• Expenditure-tax: tax for yearly/monthly and pay-per-use products</li><li>• Expenditure-difference amount: fees that HCDP customers need to pay if their expenditures do not reach the guaranteed minimum payment amount. Difference amount = Guaranteed minimum payment amount – Expenditure amount</li><li>• Refund-unsubscription: fees of yearly/monthly products that are unsubscribed from</li><li>• Refund-change: fees of a yearly/monthly subscription for which the specification is downgraded</li></ul> <p><b>NOTE</b> The bill type of specification downgrade orders from <b>Refund-unsubscription</b> to <b>Refund-change</b> since August 30, 2022 (GMT +08:00).</p> <ul style="list-style-type: none"><li>• Refund-tax: tax refunded when a yearly/monthly subscription is unsubscribed from or for which the specification is downgraded</li><li>• Adjustment-compensation: fees compensated by Huawei Cloud</li><li>• Adjustment-deduction: fees paid when Huawei Cloud makes an account adjustment. For example, when Huawei Cloud adjusts a specification downgrade order, the original refund amount is paid first.</li><li>• Adjustment-compensation tax: tax for Huawei Cloud compensations</li><li>• Adjustment-deduction tax: tax for Huawei Cloud account adjustments</li></ul>

Parameter Name	Description
Transaction Time	Time when the fee is paid for an expenditure.
Region	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
AZ	A physical zone where resources use independent power supply and networks. AZs are physically isolated. One region has multiple AZs. If one AZ becomes faulty, the other AZs in the same region can still provide services. AZs in the same region can access each other on an intranet.
Usage Type	How a cloud service is used within a period of time, such as by duration, capacity, count, or traffic.
Unit Price	Price of product usage.
Unit	Unit to measure the unit price, such as GB/hour, Mbps/hour, and GB.
Total Usage	To which extent a cloud service is used within a period of time, such as by duration, capacity, count, or traffic.
Total Usage (Pricing Unit)	Usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.  Total Usage (Pricing Unit) = Total Usage/Conversion Factor For example, 1 byte = 1/(1024 x 1024 x 1024) GB. The value is truncated to 10 decimal places and will be displayed as <b>0.0000000009</b> .
Usage Unit	Unit to measure the product usage.
Usage Unit (for Pricing)	Usage unit used for pricing a product when the product is released.
Conversion Factor	Used to change Usage Unit to Usage Unit (for Pricing). For example, the conversion factor between seconds and hours is 3600.
Package Usage	Usage of a product or resource included in a resource package within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.
Package Usage (Pricing Unit)	Package usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.
Usage in Reserved Instances	Usage of a product or resource included in a reserved instance within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.

Parameter Name	Description
Usage in Reserved Instances (Pricing Unit)	Usage for a reserved instance, which is displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.
List Price	Price of the product for the specified period displayed on the Huawei Cloud official website. List price = Discounted amount + Truncated amount + Amount due.
Discounted amount	Discounts offered for cloud services, for example, commercial discounts, partner authorized discounts, and promotional discounts. It is the discounted amount based on the list price.
Truncated amount	In pay-per-use billing mode, prices are accurate to two decimal places, with the third and later decimal places directly ignored.
Amount due	Amount that should be paid for used cloud services after discounts are applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts. Amount due = Cash payments + Cash coupon used + Monthly settlement.
Cash Payment	Amount that is paid by cash.
Cash Coupon Used	Fees that are paid using cash coupons.
Monthly Settlement	Expenditure amount of each month paid in monthly settlement mode after the bill is generated on the third day of the following month.
Discount Type	Discount type used for the expenditure. <ul style="list-style-type: none"><li>• Promotional discount</li><li>• Commercial contract discount</li><li>• Channel contract discount</li><li>• Featured product discount</li><li>• Partner authorized discount</li></ul>
Discount Subtype	Describes the details of the discounts applied. <ul style="list-style-type: none"><li>• % off</li><li>• Fixed unit price</li><li>• Amount off</li></ul>
Payment Status	The status of payment, including: <ul style="list-style-type: none"><li>• Paid</li><li>• Unbilled</li><li>• Billed but not settled</li></ul>

Parameter Name	Description
Resource Name/ID	Name/unique ID of a cloud service resource.
Resource Tag	Tags are used to identify cloud resources, such as ECSs, images, and disks. If you have multiple types of cloud resources which are associated with each other, you can add tags to the resources to classify and manage them easily.
Order Type	Type of a yearly/monthly subscription. <ul style="list-style-type: none"><li>• New purchase</li><li>• Renewal</li><li>• Unsubscription</li><li>• Change: specification upgrade or downgrade</li><li>• Compensation: A free renewal of your order</li><li>• Yearly/monthly to pay-per-use</li><li>• Pay-per-use to yearly/monthly</li><li>• Trial use</li><li>• Put into commercial use</li><li>• Bill adjustments: additional charges and reversal</li><li>• Return</li><li>• Exchange</li></ul>
Quantity	Number of order items.
Number of Terms	For example, for an order valid for 3 months, <b>3</b> is the number of terms.
Term Unit	For example, for an order valid for 3 months, <b>month</b> is the term unit.
RI Hours Purchased	Number of hours that a reserved instance is purchased.
Unsubscription Reason	Reason for an unsubscription.
Unsubscription Handling Fee	Handling fees charged for unsubscriptions.
Original Order No.	Order No. for a resource before it is unsubscribed from.
Spot Instance	Whether the current instance is a spot instance.

## 5.1.2 Viewing the Bills Held By the Original Business Entity

If you have switched your business entity to a new one, you can view the bills held by the original business entity following the procedure below.



## Business Entity Switching

If your account is associated with a partner, your business entity is switched from HUAWEI CLOUD to your partner's business entity.

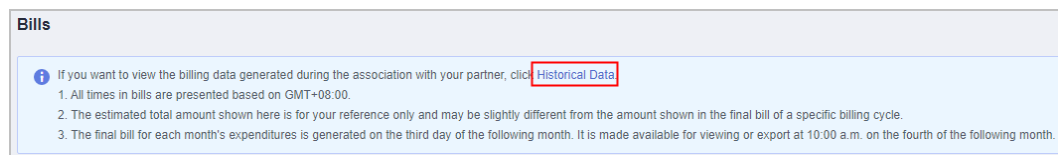
If your account is disassociated from the partner, your business entity is switched back to your original business entity (HUAWEI CLOUD).

If your account is disassociated from the partner and then associates with another partner, your business entity is accordingly switched to the new partner's business entity.

## Viewing Payment History

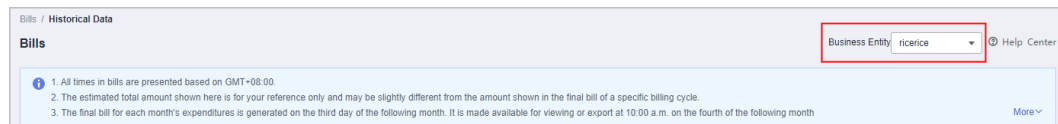
**Step 1** Go to the [Bills](#) page.

**Step 2** Click **Historical Data**.



**Step 3** Select **Business Entity** in the upper right corner of the page to view the billing data held by different business entities.

For bill details, see [Bills](#).



----End

## 5.1.3 Bill Settings

Under **Billing Settings**, you can choose to enable bill notification. If you enable bill notification, HUAWEI CLOUD will send bills to you via email or SMS message each month after these bills are generated.

### Procedure

**Step 1** Choose **Billing** > **Bills**, and click **Bill Settings** in the upper right corner of the page.

The **Bill Settings** page is displayed.

**Step 2** Turn on the **Receive Bills** toggle.

**Step 3** Set the following parameters as needed, and click **Save**.

Receiving Bills

Enable the Receive Bills option and configure the settings below to receive bills for each billing cycle.

Receive Bills

Contact Person [Modify](#)

Language  中文 (简体)  English

Bill Amount  Do not send me a bill if no expenditures occur in a billing cycle

[Save](#)

- **Contact Person:** Click **Modify** to modify the bill recipients on the **SMS & Email Settings > Finance > Bill** page in the Message Center.
- **Language:** Set the language of bill files.
- **Bill Amount:** If this option is selected, no bill notification is sent if no expenditures occur in a billing cycle.

----End

## 5.1.4 Payment History

You can view all payment records of your cash account and credit card in a specified period.

### Important Notes

If you have chosen the monthly settlement option, your payment records are displayed only after fees are deducted from your account.

If the payment currency is not USD, the amounts are converted to USD and then rounded off to the 2nd decimal place. When the currency is Japanese yen, the amounts are rounded off to an integer.

### Viewing Payment Records

**Step 1** Go to [Payment History](#) page.

**Step 2** Select a payment date to view all payment records in that period.

Payment Date	Invoice/Receipt ID	Payment Instrument	Transaction Type	Payment Method	Transaction Amount (USD)	Exchange Rate
Nov 11, 2021	--	****	Charge	Credit card	100.23USD =777.21 HKD	1USD=7.75428 HKD

----End

### Downloading Payment Records

Click **Export** in the upper left corner of the page. You can download the exported contents on the **Billing Center > Export History** page.

## 5.1.5 Usage Details

You can view or export the usage details of the 95th percentile bandwidth, 95th percentile bandwidth (enhanced), 95th percentile bandwidth (guaranteed), and

daily peak bandwidth for CDN, VPC, CC, EIP, and OBS services. Billing Center prepares your usage details of the last 18 months.

## Important Notes

To obtain complete usage details, query the data of a month after the third day of the following month.

## Procedure

**Step 1** Go to the [Usage Details](#) page.

**Step 2** Set the service type, resource type, billing specification, and use time to export the usage details.

----End

## 5.1.6 Reconciliation Guidance

### Downloading Bills

#### Summary Bill

- Description: You can view your expenditure summary by month. The summary bill is presented by product type, resource type, and billing mode (for example, pay-per-use and yearly/monthly). It includes data such as expenditures and refunds.
- Download: On the **Billing Center > Billing > Bills > Overview** page, click **Export**, select **Summary bill** and **Excel**, and then click **OK**.

#### Transaction Bill

- Description: You can view your transaction bill details by month.
- Download: On the **Billing Center > Billing > Bills > Overview** page, click **Export**, select **Transaction Bills**, and then click **OK**.

### Accuracy of Fee Deduction

HUAWEI CLOUD bills a pay-per-use product with the fee accurate to the 8th decimal place (for example, \$10.12501236 USD).

The total amount in the monthly bill is rounded off to the 2nd decimal place. For example, \$100.13 USD is displayed in the monthly bill instead of \$100.12501236 USD.

### Accumulated Amount in Bills

Prior to April 2020, pay-per-use products are settled by hour, day, or month. The settlement amount is accurate to the 2nd decimal place, while the third and later decimal places are directly truncated.

From April 2020 to May 2021, the bills for customers using monthly settlement are displayed in the following manner:

- For pay-per-use products and spot instance products, bills are summarized by specifications and usage type. The accumulated amount at the end of a month is truncated.
- For yearly/monthly subscriptions and reserved instance products, bills are summarized by order.

From June 2021, the amounts before bill generation are no longer truncated. Only the total amount shown in the monthly bill is rounded off to the 2nd decimal place.

- On the **Billing > Bills > Overview** page of the Billing Center, the total amount in a monthly bill is slightly higher because the amounts are no longer truncated to the 2nd decimal place.
- On the **Billing > Bills > Overview** page of the Billing Center, the amounts shown in **Details By Account** are rounded off. Therefore, there may be some discrepancies with the amounts shown in the monthly bill. To view the exact amounts (accurate to the 8th decimal place), customers can export the monthly bill in XLSX or CSV format.
- The amounts displayed in the bill files that are subscribed to on the **Billing > Data Storage** page of the Billing Center are accurate to the 8th decimal place.
- During bill generation, cash coupons are applied and the amounts are kept accurate to the 8th decimal place.

## Reconciliation Guidance

To check your expenditures on HUAWEI CLOUD, refer to the following steps.

### NOTE

- Generally, the expenditure data of a month is summarized and the relevant bill is generated on the third day of the next month. In order to acquire complete bill data of a month, please perform the checking after the third day of the next month.
- Since the summary data of a month is always delayed, you are not advised to reconcile the expenditure data of the current month.

### **Step 1** Compare the total expenditure by cash and the actual total payment amount.

You can view the total cash expenditure (including the monthly settlement amount) in the monthly bill and the total payment amount on the **Billing Center > Billing > Bills > Overview** page.

### NOTE

Order unsubscription fees are not included.

Both the total expenditure amount and total payment amount do not include fees paid using cash coupons.

Figure 5-1 Total

Aug 2020		Export
Total ② Discounts: \$2,946.88000000 USD		The total expenditure by cash <b>\$46,193.37 USD</b>
HUAWEI CLOUD Charges		\$14,913.37 USD
HUAWEI CLOUD: Real-time settlement		\$6,651.53 USD
HUAWEI CLOUD: Monthly settlement		\$8,261.84 USD
HUAWEI CLOUD KooGallery Charges		\$31,280.00 USD
Payment Summary		
Remaining Amount Due (Due Date Aug 18, 2020) (Exchange rate: 1 USD=5.333333 EUR) 129,327.94 EUR		<b>\$24,309.84 USD</b>
Payment		The actual total payment amount <b>\$21,883.53 USD</b>

- Real-time settlement fees: Fees paid in cash, for example, through an online payment. The fees may be paid for purchases, renewals, or specification upgrades of yearly/monthly resources, or purchases of reserved instances.
- Monthly settlement: Fees settled at the end of a month, such as the yearly/monthly or pay-per-use expenditure amount that is settled at the end of a month.

## Step 2 Compare the **total cash expenditure in the monthly bill** and the **total cash expenditure in the transaction bill**.

### NOTE

The total amount in a monthly bill may differ from that in a transaction bill due to the precision difference

- The total amount in the monthly bill is rounded off to the 2nd decimal place.
- The total amount in the transaction bill is accurate to the 8th decimal place.
- You can view the total amount (including the monthly settlement amount) in the monthly bill on the **Billing Center > Billing > Bills > Overview** page.

Figure 5-2 Summarized total monthly expenditure by cash

Aug 2020		Export
Total ② Discounts: \$2,946.88000000 USD		The total expenditure by cash <b>\$46,193.37 USD</b>
HUAWEI CLOUD Charges		\$14,913.37 USD
HUAWEI CLOUD: Completed order payments		\$6,651.53 USD
HUAWEI CLOUD: Monthly settlement		\$8,261.84 USD
HUAWEI CLOUD KooGallery Charges		\$31,280.00 USD

- You can export the transaction bill on the **Billing Center > Billing > Bills > Overview** page and view the total expenditure by cash in the transaction bill (the sum of **cash payments** and **monthly settlement**).

The bill types include:

- Expenditure-purchase: fees of yearly/monthly subscriptions
- Expenditure-renewal: fees of yearly/monthly subscriptions that you manually renew
- Expenditure-change: fees for changing the specifications of yearly/monthly subscriptions
- Expenditure-use: fees of pay-per-use products
- Expenditure-auto-renewal: fees of yearly/monthly subscriptions that are automatically renewed
- Expenditure-hourly billing: fees of hourly-billed reserved instances
- Expenditure-unsubscription service charge: handling fees charged for reserved instance unsubscriptions

- Expenditure-month-end deduction for support plan: fees charged for the support plan at the end of a month
- Expenditure-tax: tax for yearly/monthly and pay-per-use products
- Adjustment-compensation: fees compensated by HUAWEI CLOUD
- Adjustment-compensation tax: tax for HUAWEI CLOUD compensations
- Adjustment-deduction: fees paid when Huawei Cloud makes an account adjustment. For example, when Huawei Cloud adjusts a specification downgrade order, the original refund amount is paid first.
- Adjustment-deduction tax: tax for HUAWEI CLOUD account adjustments
- Refund - unsubscription: fees of yearly/monthly products that are unsubscribed from
- Refund-change: fees of a yearly/monthly subscription for which the specification is downgraded
- Refund-tax: tax refunded when a yearly/monthly subscription is unsubscribed from
- Expenditure-difference amount: fees that HCDP customers need to pay if their expenditures do not reach the guaranteed minimum payment amount. Difference amount = Guaranteed minimum payment amount - Expenditure amount

**Step 3** (Optional) You can also compare the **total cash expenditure in the monthly bill** and the **total payment in the bill filtered by a combination of Resource and By billing cycle**, the **total cash expenditure in the monthly bill** and the **total payment in the bill filtered by a combination of Usage Type and Details**.

 **NOTE**

Due to the different precision methods used for amounts in the above three types of bills, you may find deviations during the two comparisons.

- The total amount in the monthly bill is rounded off to the 2nd decimal place.
- The exact amounts (accurate to the 8th decimal place) are included in bill details filtered by a combination of **Resource** and **By billing cycle** and those filtered by a combination of **Usage Type** and **Details**.
- Bill details filtered by a combination of **Resource** and **By billing cycle**: On the **Billing Center > Billing > Bills > Bill Details** page, select **Resource** for **Data Type** and **By billing cycle** for **Data Period**, and then click **Export**.
- Bill details filtered by a combination of **Usage Type** and **Details**: On the **Billing Center > Billing > Bills > Bill Details** page, select **Usage Type** for **Data Type** and **Details** for **Data Period**, and then click **Export**.

----End

# 6 Bill Management (New Version)

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## [6.1 Monthly Settlement](#)

### [6.2 Bills for Customers Using Monthly Settlement](#)

## 6.1 Monthly Settlement

### Monthly Bill Generation

- Recurring expenditure (for example, pay-per-use resources or spot instances): An expenditure estimate is provided in the middle of each month, and the final bill is generated on the third day of the following month. Applicable cash coupons are automatically used to pay for the bill.
- One-time expenditure (for example, yearly/monthly resources or reserved instances): When placing orders, you can use applicable discounts and cash coupons for payment. You can use either of the following payment methods:
  - Pay with an added credit card or pay online in real time.
  - Use monthly settlement and pay for your bill that will be generated on the third day of the following month.
- Since April 1, 2021, monthly settlement is used for newly registered customers by default.

### Bill Precision

Prior to April 2020, recurring expenditures (for example, pay-per-use resources or spot instances) were settled by hour, day, or month. The settled amount was accurate to the 2nd decimal place, while the remaining decimal places were directly truncated.

From April 2020 to May 2021, recurring expenditures (for example, pay-per-use resources or spot instances) were summed up monthly by specifications and usage type. The accumulated amount were truncated to the 2nd decimal place.

From June 2021, the amounts before bill generation are no longer truncated. Only the total amount shown in the monthly bill is rounded off to the 2nd decimal place.

- On the **Billing > Bills** page of the Billing Center, the total amount in a monthly bill is slightly higher because the amounts are no longer truncated to the 2nd decimal place.
- On the **Billing > Bills** page of the Billing Center, the amounts shown in transactions are rounded off. Therefore, there may be some discrepancies with the amounts shown in the monthly bill. To view the exact amounts (accurate to the 8th decimal place), customers can export the monthly bill in XLSX or CSV format.
- The amounts displayed in the bill files that are subscribed to on the **Billing > Data Storage** page of the Billing Center are accurate to the 8th decimal place.
- During bill generation, cash coupons are applied and the amounts are kept accurate to the 8th decimal place.

## 6.2 Bills for Customers Using Monthly Settlement

### 6.2.1 Bills

Huawei Cloud provides bills in different types to reflect your monthly expenditures and resource usage.

#### Bill Generation Time

Huawei Cloud generates bills on the first to third day of each month. You can obtain the final bill of the current month after 10:00 on the fourth day of the next month. For products settled by month, such as CDN and VPC, you can view the bills of the current month on the third day of the next month. The specific bill generation time depends on the information displayed in the Billing Center. Before the final bill is generated, all bill data is for reference only.

#### Rules of Calculating the Billing Cycle

A billing cycle is the calendar month when a transaction occurs. Each transaction has its billing cycle. Huawei Cloud summarizes the transactions in a monthly bill based on the billing cycles of the transactions.

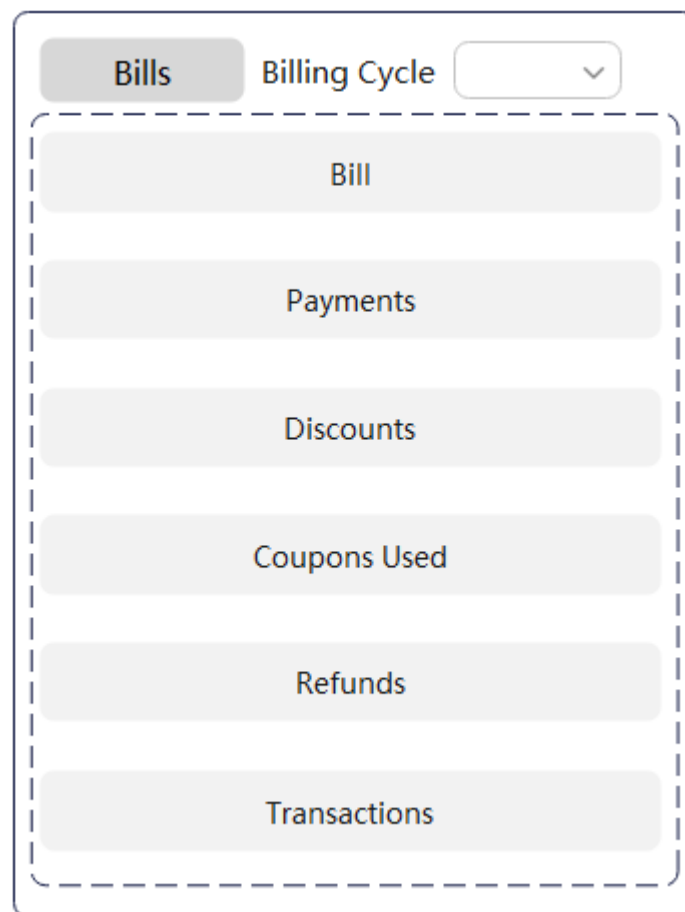
Huawei Cloud counts a transaction record in a billing cycle based on its **Expenditure time**. For details, see [How Does Huawei Cloud Calculate the Billing Cycle?](#)

#### Bill Management

On the **Billing** pages, you can view the bill summary and details, export different types of bills, check historical payment records, and view usage details of some cloud services.

- **Bills** provides six cards to show your bill in the selected billing cycle.





- **Bill:** including the start and end dates of the selected billing cycle, bill status (billed or not), due date, and total actual expenditures (excluding the coupons used).
  - **Payments:** mapping between invoices and actual payments (excluding payments using coupons). The total amount due is the sum of the remaining amount due and amount paid.
  - **Discounts:** discount type and amount.
  - **Coupons Used:** amount paid using coupons and displayed by service type.
  - **Refunds:** refunds due to unsubscriptions, specification downgrade, and account adjustment.
  - **Transactions:** expenditures displayed by account and product type. To view data in more dimensions, you can go to the Cost Center.
- **Bill Details** provides detailed bills in different dimensions and periods. You can view resource usage.
  - **Exporting Bills:** you can export summary bills, transactions, and detailed bills.
  - **Payment History:** payments made by your cash accounts and credit cards during a specified period.
  - **Usage Details:** provides only the usage details of the 95th percentile bandwidth, 95th percentile bandwidth (enhanced), 95th percentile bandwidth (guaranteed), and daily peak bandwidth for CDN, VPC, CC, EIP, and OBS services.

- **Data Storage:** used to subscribe to bills. After the subscription is successful, you can download the resource details and their expenditures.

## FAQs


- [How Does Huawei Cloud Calculate the Billing Cycle?](#)
- [Reconciliation](#)
- [Why Is the Last-Hour Expenditure Data Missing from the Bill Pushed to the OBS on the Last Day of the Last Month?](#)
- [More FAQs](#)

## 6.2.2 Getting Started

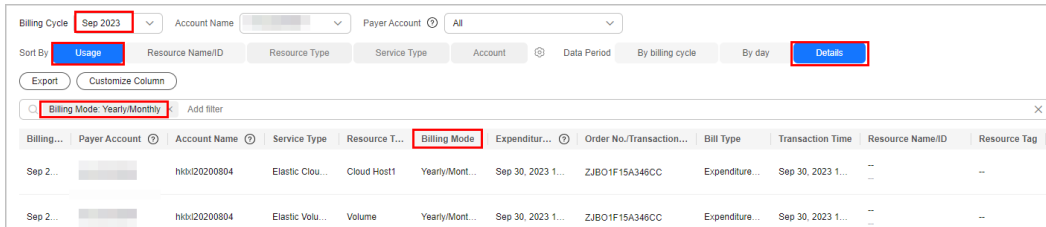
### 6.2.2.1 Viewing Bill Details of Resources

You can view the usage details and expenditures on the **Bill Details** page. Take the bill details sorted by usage as an example:

**Step 1** Choose **Billing > Bill Details**.

**Step 2** Select a billing cycle, select **Usage**, set **Data Period** to **Details**, and click  to view the bill details.

- Selecting **Yearly/Monthly** in **Billing Mode**, you can view the details of your yearly/monthly subscribed resources, including the expenditure time, resource name/ID, specifications, and amount due. Click **Export** to export the bill details.

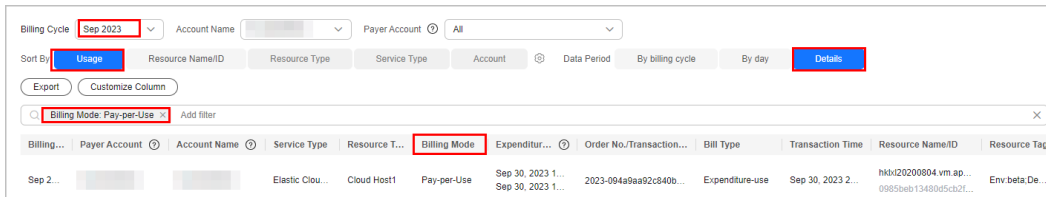


Billing...	Payer Account	Account Name	Service Type	Resource T...	Billing Mode	Expenditur...	Order No./Transaction...	Bill Type	Transaction Time	Resource Name/ID	Resource Tag
Sep 2...		hkh20200804	Elastic Clou...	Cloud Host1	Yearly/Mont...	Sep 30, 2023 1...	ZJBO1F15A346CC	Expenditure...	Sep 30, 2023 1...	--	--
Sep 2...		hkh20200804	Elastic Volu...	Volume	Yearly/Mont...	Sep 30, 2023 1...	ZJBO1F15A346CC	Expenditure...	Sep 30, 2023 1...	--	--

- Selecting **Pay-per-Use** in **Billing Mode**, you can view the details of your pay-per-use resources, including the expenditure time, resource name/ID, specifications, unit price, usage, and amount due. Click **Export** to export the bill details.

By default, the bill details are sorted by transaction time in descending order so that you can view the latest record first.

You can also search for bill details by resource name or ID.



Billing...	Payer Account	Account Name	Service Type	Resource T...	Billing Mode	Expenditur...	Order No./Transaction...	Bill Type	Transaction Time	Resource Name/ID	Resource Tag
Sep 2...			Elastic Clou...	Cloud Host1	Pay-per-Use	Sep 30, 2023 1... Sep 30, 2023 1...	2023-094e9aa92c840b...	Expenditure-use	Sep 30, 2023 2...	hkh20200804 vm.ap... 0985beb13480d5cb2f...	Env beta De...

 NOTE

For pay-per-use resources, **Expenditure Time** indicates the start time and end time of using the resource in the current billing period, and **Transaction Time** indicates the time when the resource is actually billed. Huawei Cloud updates the bill details after the data period ends. For details, see [Bill Run for Pay-per-Use Resources](#).

----End

## 6.2.2.2 Reconciliation

### Bill Types and Downloading



#### Bill

- You can view your expenditure summary by month. The bills are summarized by product type, resource type, and billing mode (for example, pay-per-use and yearly/monthly). The data includes the expenditures and refunds.
- On the Billing Center, choose **Billing > Bills**, click **Export**. In the **Export** dialog box, select **Summary bill** and specify other fields. Then, click **Export** to download the bill summary.

#### Transactions

- You can view your transactions by month.
- On the Billing Center, choose **Billing > Bills**, click **Export**. In the **Export** dialog box, select **Transaction Bills** and specify other fields. Then, click **Export** to download the transactions.

#### Bill Details

- Bill details filtered by a combination of **Resource Name/ID** and **Billing Cycle**: On the **Billing > Bill Details** page, select **Resource Name/ID** and **By billing cycle**, and then click .
- Bill details filtered by a combination of **Usage** and **Details**: On the **Billing > Bill Details** page, select **Usage** and **Details**, and then click .

### Precision in Bills

Huawei Cloud bills a pay-per-use product with the fee accurate to the 8th decimal place (for example, \$10.12501236 USD).

The total amount in the monthly bill is rounded off to the 2nd decimal place. For example, \$100.13 USD is displayed in the monthly bill instead of \$100.12501236 USD.

### Accumulated Amount in Bills

Prior to April 2020, pay-per-use products are settled by hour, day, or month. The settlement amount is accurate to the 2nd decimal place, while the third and later decimal places are directly truncated.

From April 2020 to May 2021, the bills for customers using monthly settlement are displayed in the following manner:

- For pay-per-use products and spot instance products, bills are summarized by specifications and usage type. The accumulated amount at the end of a month is truncated.
- For yearly/monthly subscriptions and reserved instance products, bills are summarized by order.

From June 2021, the amounts before bill generation are no longer truncated. Only the total amount shown in the monthly bill is rounded off to the 2nd decimal place.

- On the **Billing > Bills** page, the total amount in a monthly bill is slightly higher because the amounts are no longer truncated to the 2nd decimal place.
- On the **Billing > Bill Details** page, the amounts are rounded off. Therefore, there may be some discrepancies with the amounts shown in the monthly bill. To view the exact amounts (accurate to the 8th decimal place), customers can export the monthly bill in XLSX or CSV format.
- The amounts displayed in the bill files that are subscribed to on the **Billing > Data Storage** page of the Billing Center are accurate to the 8th decimal place.
- During bill generation, cash coupons are applied and the amounts are kept accurate to the 8th decimal place.

## Reconciliation

To check your expenditures on Huawei Cloud, refer to the following steps:

### NOTE

- Generally, the Billing Center summarizes your expenditures in a month and generates the monthly bill on the third day of the next month. Then, you can check your bill.
- Due to the delay in expenditure summary, you are not recommended to reconcile your expenditures in the current month.

### **Step 1** Compare the **total cash expenditure** and the **total payment amount**.

You can view the total cash expenditure (including the monthly settlement amount) in the monthly bill and the total payment amount on the **Billing > Bills** page.

### NOTE

The refunds in unsubscriptions are not included.

Both the total cash expenditure and total payment amount do not include fees paid using cash coupons.

Figure 6-1 Total

Total		The total expenditure by cash	\$2,328,348.75 USD
^ HUAWEI CLOUD Charges			
HUAWEI CLOUD : Real-time settlement			\$233,948.75 USD
HUAWEI CLOUD : Monthly settlement		(Exchange rate: 1 USD = 1.04 EUR)225.897.10 EUR	\$16,740.00 USD \$217,208.75 USD
^ HUAWEI CLOUD KooGallery Charges			
HUAWEI CLOUD KooGallery : Monthly settlement		(Exchange rate: 1 USD = 1.04 EUR)2,178.176.00 EUR	\$2,094,400.00 USD \$2,094,400.00 USD

Payments		(Exchange rate: 1 USD = 1.04 EUR) 0.00 EUR	\$0.00 USD
Remaining Amount Due ( Due Date Dec 11, 2023 )		Fully paid	The actual total payment amount
^ Payment			\$2,328,348.75 USD

- Real-time settlement fees: Fees paid in cash, for example, through an online payment. The fees may be paid for purchases, renewals, or specification upgrades of yearly/monthly resources, or purchases of reserved instances.
- Monthly settlement: Fees settled at the end of a month, such as the yearly/monthly or pay-per-use expenditures.

## Step 2 Compare the **total cash expenditure in the monthly bill** and the **total cash expenditure in the transaction bill**.

### NOTE

The total amount in a monthly bill may differ from that in a transaction bill due to the precision difference.

- The total amount in the monthly bill is rounded off to the 2nd decimal place.
- The total amount in the transaction bill is accurate to the 8th decimal place.
- You can view the total amount (including the monthly settlement amount) in the monthly bill on the **Billing > Bills** page.

Figure 6-2 Total monthly expenditure

Total		The total expenditure by cash	\$2,328,348.75 USD
^ HUAWEI CLOUD Charges			
HUAWEI CLOUD : Real-time settlement			\$233,948.75 USD
HUAWEI CLOUD : Monthly settlement		(Exchange rate: 1 USD = 1.04 EUR)225.897.10 EUR	\$16,740.00 USD \$217,208.75 USD
^ HUAWEI CLOUD KooGallery Charges			
HUAWEI CLOUD KooGallery : Monthly settlement		(Exchange rate: 1 USD = 1.04 EUR)2,178.176.00 EUR	\$2,094,400.00 USD \$2,094,400.00 USD

- You can export the transaction bill on the **Billing > Bills** page and view the total expenditure by cash in the transaction bill (the sum of **cash payments** and **monthly settlement**).

The bill types include:

- Expenditure-purchase: fees of yearly/monthly subscriptions
- Expenditure-change: fees for changing the specifications of yearly/monthly subscriptions
- Expenditure-renewal: fees of yearly/monthly subscriptions that you manually renew
- Expenditure-auto-renewal: fees of yearly/monthly subscriptions that are automatically renewed

- Expenditure-use: fees of pay-per-use products
- Expenditure - hourly billing: Fees of products that are billed hourly
- Expenditure - unsubscription handling fee: Handling fees charged for unsubscriptions
- Expenditure-month-end deduction for support plan: fees charged for the support plan at the end of a month
- Expenditure-tax: tax for yearly/monthly and pay-per-use products
- Expenditure-difference amount: fees that HCDP customers need to pay if their expenditures do not reach the guaranteed minimum payment amount. Difference amount = Guaranteed minimum payment amount - Expenditure amount
- Expenditure-monthly payment: fees of a yearly/monthly subscription that is paid monthly
- Expenditure-savings plans used: actual hourly amount spent in the savings plan in the pay-per-use billing mode
- Refund - unsubscription: fees of yearly/monthly products that are unsubscribed from
- Refund-tax: tax refunded when a yearly/monthly subscription is unsubscribed from
- Refund-change: fees of a yearly/monthly subscription for which the specification is downgraded
- Refund-change to pay-per-use: refunds generated when a yearly/monthly subscription is changed to pay-per-use billing
- Adjustment-compensation: fees compensated by Huawei Cloud
- Adjustment-deduction: fees paid when Huawei Cloud makes an account adjustment. For example, when Huawei Cloud adjusts a specification downgrade order, the original refund amount is paid first.
- Adjustment-compensation tax: tax for Huawei Cloud compensations
- Adjustment-deduction tax: tax for Huawei Cloud account adjustments

**Step 3** (Optional) You can also compare the **total cash expenditure in the monthly bill** and the **total payment in the bill filtered by a combination of Resource and By billing cycle**, the **total cash expenditure in the monthly bill** and the **total payment in the bill filtered by a combination of Usage Type and Details**.

 **NOTE**

Due to the different precision methods used for amounts in the above three types of bills, you may find deviations during the two comparisons.

- The total amount in the monthly bill is rounded off to the 2nd decimal place.
- The exact amounts (accurate to the 8th decimal place) are included in bill details filtered by a combination of **Resource Type** and **By billing cycle** and those filtered by a combination of **Usage** and **Details**.

----End

### 6.2.2.3 Fields

Table 6-1 Description of fields

Parameter	Description
<b>A</b>	
<b>Actual Payment</b>	Equal to the amount due minus the amount of used cash coupons. Actual Payment = Amount due – Cash coupon used.
<b>Account Name</b>	Account that is created upon successful registration with HUAWEI CLOUD. When your enterprise master account has been associated with multiple member accounts, you can view bill details by account.
<b>Account Adjustment</b>	Information of your account adjustments in a billing cycle, such as payment reversals and arrears write-offs.
<b>Amount Deducted from Savings Plan</b>	Actual hourly amount spent in the savings plan.
<b>Amount Paid</b>	Amount that has been paid by now in a billing cycle in the post payment mode, including payment for exceeded credit and advance payment.
<b>Amortized Cash</b>	Amortized cash amount in the current month.
<b>Amortized Credit</b>	Amortized credit amount in the current month.
<b>Amortized Cash Coupon</b>	Amortized cash coupon amount in the current month.
<b>Amount</b>	Amount that a customer should pay for used cloud services after discounts have been applied. The discounts include commercial discounts, and partner authorized discounts. <ul style="list-style-type: none"><li>• For non-monthly settlement, Amount due = Cash payments + Credit payments + Cash coupon used + Arrears.</li><li>• For monthly settlement, Amount due = Cash payments + Cash coupon used + Monthly Settlement.</li></ul>
<b>Amount Deducted from Savings Plan</b>	Actual hourly amount spent in the savings plan.
<b>Arrears</b>	Amount to be deducted and paid, including uncleared amount and unsettled amount.

Parameter	Description
<b>AZ</b>	A physical region where resources use independent power supply and networks. AZs are physically isolated but interconnected through the internal network. One region has multiple AZs. If one AZ becomes faulty, the other AZs in the same region can still provide services. AZs in the same region can access each other through the intranet.
<b>B</b>	
<b>Billing Mode</b>	Billing modes include Reserved Instance, Yearly/Monthly, and Pay-per-Use.
<b>Billing Cycle</b>	Time frame between billings for an account. It is determined by HUAWEI CLOUD and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
<b>Bill</b>	A bill is a manifestation of your service fees regularly provided by HUAWEI CLOUD. It describes the revenue and expenditures of various services and products owned and used by you.
<b>Bill Type</b>	Type of a bill, such as expenditure, refund, account adjustment, and others.
<b>C</b>	
<b>Current Month Amortized</b>	Amount amortized to the current month.
<b>Cash Coupon Used</b>	Fees that are paid using cash coupons.
<b>Cash Coupon Amortized over Future Months</b>	Cash coupon amount that has not been amortized after the current month.
<b>Cash Coupon Amortized over Past Months</b>	Cash coupon amount that has been amortized before the current month.
<b>Cash Amortized over Past Months</b>	Cash amount that has been amortized before the current month.



Parameter	Description
<b>Cash Amortized over Future Months</b>	Cash amount that has not been amortized after the current month.
<b>Conversion Factor</b>	Used to change Usage Unit to Usage Unit (for Pricing). For example, the conversion factor between seconds and hours is 3600.
<b>Credit Amortized over Past Months</b>	Credit amount that has been amortized before the current month.
<b>Credit Amortized over Future Months</b>	Credit amount that has not been amortized after the current month.
<b>Credit Period</b>	Time from the bill date to the due date. It is usually one calendar month.
<b>Credit Payment</b>	Amount that is paid by credit. After the bill is generated, credit payments are included in the amount due.
<b>Cash Payment</b>	Amount that is paid by cash.
<b>D</b>	
<b>Due Date</b>	The final date before which customers must pay off the bill.
<b>Discount</b>	Discounts offered to customers when they use cloud services, for example, commercial discounts, partner authorized discounts, and promotions. The value is the discount amount based on the list price.
<b>Discount Type</b>	Discount type used for the expenditure, for example, <b>Commercial contract discount</b> .
<b>Discount Subtype</b>	Describes the details of the discounts applied. For example, if the commercial discount is 20% off, the bill shows that <b>Discount Type</b> is <b>Commercial contract discount</b> and <b>Discount Subtype</b> is <b>% off: 20% discount</b> .
<b>E</b>	
<b>End Time</b>	Time when billing for the corresponding cloud service ends.

Parameter	Description
<b>Enterprise Project</b>	The enterprise project to which the cloud resource belongs. If you have not set any enterprise projects when purchasing a cloud service resource, the default value is <b>default</b> . If a cloud service resource you have purchased does not support enterprise project management, it will be presented as <b>Non-project</b> .
<b>Expenditures</b>	Information of your expenditures in a billing cycle, such as purchase and pay-per-use.
<b>Expenditure Time</b>	Time when the expenditure occurs. For yearly/monthly products, it is the time of payment, while for pay-per-use products, it is the period from the effective time to the expiration time of the resource.
<b>F</b>	
<b>Future Months Amortized</b>	Amount that has not been amortized after the current month.
<b>H</b>	
<b>Hourly Commitment</b>	Fixed hourly amount committed in the savings plan.
<b>Huawei Arrears Write-Off</b>	The part of amount that has been written off in arrears. It is the outstanding amount that HUAWEI CLOUD discharges according to the arrears write-off regulations, which customers do not need to repay.
<b>I</b>	
<b>Initial Amount Due</b>	Amount payable in a billing cycle in the post payment mode. <ul style="list-style-type: none"><li>• For non-monthly settlement, Initial amount due = Amount paid by the cash account in the billing cycle (including expenditures only) + Amount paid by the credit account in the billing cycle (including expenditures, refunds, and account adjustments) + Arrears in the billing cycle.</li><li>• For monthly settlement, Initial amount due = Amount paid in real time in the billing cycle (including expenditures only) + Amount settled monthly in the billing cycle (including expenditures, refunds, and account adjustments).</li></ul>
<b>L</b>	
<b>List Price</b>	The sale price of a product with no commercial discounts and promotion discounts applied on the HUAWEI CLOUD official website. List price = Discount amount + Truncated amount + Amount due.

Parameter	Description
<b>M</b>	
<b>Master Account</b>	An enterprise master account is for customers who have enabled enterprise management. They can view expenditures of the member accounts, and can repay bills of the member accounts in post payment mode.
<b>Member Account</b>	An enterprise member account is for customers who have accepted the invitation from a master account.
<b>Monthly settlement</b>	When pay-per-use expenditures are settled by month, the bill will be generated on the third day of the next month.
<b>Monthly Breakdown</b>	Resource expenditures are amortized to each month based on resources, products, and usage types.
<b>Month</b>	The month to which the prepaid amount of a yearly/monthly resource or reserved instance is amortized based on the validity period of the order, or the month when the hourly billing of a pay-per-use resource or reserved instance occurs based on the accumulated usage (the same as the billing cycle).
<b>N</b>	
<b>Negative Amount</b>	There is a negative balance in the customer's credit card when the refund is greater than the amount paid from the card in a certain billing cycle. For example, when the refund to the credit card is \$10 USD and the amount paid from the credit card is \$5 USD, there is a negative balance of \$5 USD. The negative balance can be used to pay for the bills of the previous billing cycles or the next billing cycle.
<b>O</b>	
<b>Original Order No.</b>	Unique identifier of a yearly/monthly order from which a customer has unsubscribed.
<b>Order ID/ Transaction ID</b>	Order No. is a unique identifier of a yearly/monthly order. Transaction No. is a unique identifier of fee deduction for expenditures in the pay-per-use mode.
<b>Overdue</b>	The bill is still not paid off after the due date.
<b>Overdue Amount</b>	Remaining amount that should be paid off the moment when the due date arrives.
<b>P</b>	
<b>Package Usage</b>	Usage of a product or resource included in a resource package within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.

Parameter	Description
<b>Package Usage (Pricing Unit)</b>	Package usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.
<b>Payment Option</b>	Options selected when you placed an order in the billing mode such as Reserved Instance and Savings Plans. The options include all upfront, partial upfront, and no upfront.
<b>Payment Status</b>	The status of payment, including Paid, Unsettled (amount to be billed), and Uncleared (amount that has been billed pending deduction and payment).
<b>Past Months Amortized</b>	Amount that has been amortized before the current month.
<b>PayerAccount Name</b>	Account that pays bills. Generally, bills are paid by the account that uses the resources. If an account is associated with an enterprise master for unified payment, bills will be paid by the enterprise master account from the time the association is completed.
<b>R</b>	
<b>Region</b>	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
<b>Resource</b>	The specific object a customer uses via HUAWEI CLOUD, such as devices, IP addresses, and ports.
<b>Resource ID</b>	Unique ID of a cloud service resource.
<b>Resource Name</b>	User-defined name of a cloud service resource.
<b>Resource Tag</b>	User-defined tag of a cloud service resource.
<b>Resource Type</b>	Name of a cloud service. It indicates the category of the resource used for a cloud service.
<b>Refunds</b>	Information of your refunds in a billing cycle, such as unsubscriptions and specification downgrades.
<b>Remaining Amount Due</b>	Remaining amount payable by now in a billing cycle in the post payment mode. Remaining amount due = Initial amount due - Amount paid.
<b>S</b>	
<b>Savings Plan</b>	The savings plan which is used to cover the expenditures of the pay-per-use resource.

Parameter	Description
<b>Savings Plan Discount</b>	Discount obtained when you commit to a savings plan depends on the hourly commitment.
<b>Start Time</b>	Time when billing for the corresponding cloud service starts.
<b>Specifications</b>	A collection of attributes and their values used to describe the features of resources that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.
<b>Service Type</b>	Category of a cloud service.
<b>T</b>	
<b>Total Usage</b>	To which extent a cloud service is used within a period of time, including the usage duration, used capacity, used times, and used traffic.
<b>Total Usage (Pricing Unit)</b>	Usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places. $\text{Total Usage (Pricing Unit)} = \text{Total Usage} / \text{Conversion Factor}$ For example, 1 byte = 1/(1024 x 1024 x 1024) GB. The value is truncated to 10 decimal places and will be displayed as <b>0.0000000009</b> .
<b>Total Credit Limit</b>	Total amount granted to your credit account. It indicates the maximum credit amount offered to you within a certain period of time (generally one year) based on your payment capability.
<b>Transaction Time</b>	Time when the fee is deducted for an expenditure.
<b>Transaction No.</b>	Unique identifier of fee deduction for expenditures in the pay-per-use mode.
<b>Truncated</b>	In pay-per-use billing mode, amounts are accurate to two decimal places during settlement, with the third and later decimal places directly deleted.
<b>U</b>	
<b>Usage Unit</b>	Unit to measure the product usage.
<b>Usage Unit (for Pricing)</b>	Usage unit used for pricing a product when the product is released.
<b>Usage Type</b>	Usage type of pay-per-use cloud services to be billed, such as duration, capacity, upstream traffic, and more.

Parameter	Description
Unit Price	Price of product usage, such as ¥5.
Unit	Unit of product usage price, such as GB/hour, Mbps/hour, and GB.
Unbilled amount	The unprocessed amount of a bill to be generated.
Uncleared amount	Amount to be deducted and paid.
Usage in Reserved Instances	Reserved instance usage in a specified period. If the usage does not exceed the quota in the reserved instance package, the product and resources will not be billed separately.
Usage in Reserved instances (Pricing Unit)	Usage in a reserved instance, which is displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.
<b>W</b>	
Write-off	The outstanding amount that HUAWEI CLOUD discharges according to the arrears write-off regulations, which customers do not need to repay.

## 6.2.3 Bills

### 6.2.3.1 Bill Summary

On the **Bills** page, you can view your monthly expenditures generated since June, 2020.

#### Important Notes

Bills for an enterprise master account contain the expenditure data of its member accounts.

If the payment currency is not USD, the amounts are converted to USD based on the exchange rate, and then rounded off to the 2nd decimal place. When the currency is Japanese yen, the amounts are rounded off to an integer.

#### Viewing Summary Data

The summary data is rounded off to the 2nd decimal place. You can view the exact amounts (accurate to the 8th decimal place) in the exported summary bill in XLSX format.

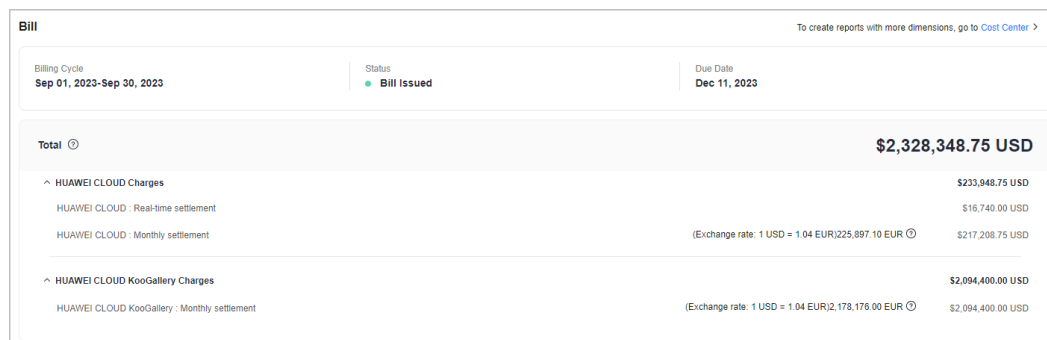
**Step 1** The **Bills** page is displayed.

**Step 2** Select the billing cycle and transaction account.

**Step 3** View the bill summary, payments, discounts, and transactions.

Generally, bills are paid by the account that uses the resources. If member accounts have been associated with the master account for unified accounting management, the master account will pay the bills generated after the association. You can use the accounts to filter the bills to be paid.

① **Bill:** including the start and end dates of the selected billing cycle, bill status (billed or not), due date, and total actual expenditures (excluding the coupons used).



The screenshot shows a 'Bill' summary interface. At the top right, there is a link: 'To create reports with more dimensions, go to [Cost Center](#) >'. Below this, the 'Billing Cycle' is 'Sep 01, 2023-Sep 30, 2023', the 'Status' is 'Bill Issued', and the 'Due Date' is 'Dec 11, 2023'. The 'Total' amount is '\$2,328,348.75 USD'. The charges are categorized into two main groups: 'HUAWEI CLOUD Charges' and 'HUAWEI CLOUD KooGallery Charges'. Each group has a sub-total and a breakdown of 'Real-time settlement' and 'Monthly settlement' amounts, with exchange rates provided for the monthly settlements.

Category	Sub-Category	Amount (USD)
HUAWEI CLOUD Charges	Total	\$233,948.75 USD
	HUAWEI CLOUD - Real-time settlement	\$16,740.00 USD
	HUAWEI CLOUD - Monthly settlement (Exchange rate: 1 USD = 1.04 EUR)225.997.10 EUR	\$217,208.75 USD
HUAWEI CLOUD KooGallery Charges	Total	\$2,094,400.00 USD
	HUAWEI CLOUD KooGallery - Monthly settlement (Exchange rate: 1 USD = 1.04 EUR)2,178.176.00 EUR	\$2,094,400.00 USD

Before your bill is generated, this field is displayed as **Estimated Total**. After the bill is generated, the billed amount is displayed, which is the sum of your Huawei Cloud charges and Huawei Cloud KooGallery charges.

- Huawei Cloud charges: expenditures of Huawei Cloud services, including the real-time payments and monthly payments
  - Real-time payments: total amount you have paid to purchase Huawei Cloud products, including the payments for yearly/monthly subscriptions and reserved instances.
  - Monthly payments: Huawei Cloud expenditures settled monthly.  
If the payment currency is not USD, the amounts are converted to USD based on the exchange rate. Before your bill is generated, the monthly-settlement amounts are also converted to USD based on the live exchange rate but they are for reference only. The amount is subject to the actual bill run.
- Huawei Cloud KooGallery charges: expenditures of KooGallery products, including real-time payments and monthly payments.
  - Real-time payments: total amount you have paid to purchase KooGallery products, including the payments for yearly/monthly subscriptions.
  - Monthly payments: KooGallery expenditures settled monthly  
If the payment currency is not USD, the amounts are converted to USD based on the exchange rate. Before your bill is generated, the monthly-settlement amounts are also converted to USD based on the live exchange rate but they are for reference only. The amount is subject to the actual bill run.

② **Payments:** mapping between invoices and actual payments (excluding payments using coupons). The total amount due is the sum of the remaining amount due and amount paid.

Payments			\$0.00 USD
Remaining Amount Due ( Due Date Dec 11, 2023 ) <span style="float: right;">Fully paid</span>			(Exchange rate: 1 USD = 1.04 EUR) 0.00 EUR
^ Payment			\$2,328,348.75 USD
Invoice	Description	Payment Date	Amount
Not Invoiced	Monthly settlement	Oct 09, 2023	\$2,311,608.75 USD
Not Invoiced - HUAWEI CLOUD	8C407794BC- Yearly/Monthly purchase	Sep 30, 2023	\$108.00 USD
Not Invoiced - HUAWEI CLOUD	2EC552C744- Yearly/Monthly purchase	Sep 30, 2023	\$108.00 USD
Not Invoiced - HUAWEI CLOUD	88636D4FE1- Yearly/Monthly purchase	Sep 30, 2023	\$108.00 USD
Not Invoiced - HUAWEI CLOUD	1E934B4B74- Yearly/Monthly purchase	Sep 30, 2023	\$108.00 USD
Total Records: 156			5 < 1 2 3 4 5 6 ... 32 >

- **Remaining Amount Due** (displayed after the bill is generated): amount to be paid for the current billing cycle. If the payment currency is not USD, the amount is converted to USD based on the exchange rate.
- **Due Date** (displayed after the bill is generated): The final date before which you must pay off the bill.
- **Amount Paid**: Top-ups and cash expenditures. Cash expenditures include those for yearly/monthly subscriptions and monthly settlement, excluding cash coupons. The date displayed is when fees are deducted from your account.
  - **Monthly settlement**: cash used for payment in the monthly settlement.
  - **Monthly settlement-Account credit for payment**: account credit (negative amount) used for payment in the monthly settlement. If within a billing cycle, the credit refund is greater than the credit payment, a negative amount is generated. The negative amount is then used to offset your monthly settlement fees.
- **Invoice**: Commercial invoices, including invoices for top-ups, are issued for the billing cycle. If you have chosen the monthly settlement option, your invoices are issued after fees are deducted from your account.

③ **Discounts**: total discounted amount by discount type.

Discounts			\$4,383.96 USD
By account name (default setting)			
Account Name	Discount Type	Discount Amount (USD)	
	Specified discount for agent subscription	\$1,017.00 USD	
	Specified exemption for agent subscription	<\$0.01 USD	
	Commercial Discount	\$813.33 USD	
	Channel commercial contract discount	\$2.83 USD	
	Partner discount	\$2.85 USD	
Total Records: 12			5 < 1 2 3 >

④ **Coupons Used**: total amounts of coupons used by service type. You can use a coupon ID to filter coupons, and click the coupon to view its details.

Coupons Used			\$490.62 USD
Enter a coupon ID.			
Cash Coupons	Service Type	Amount	
CP230926073906PA04	Elastic Cloud Server	\$75.71 USD	
CP2309260730124R24	Elastic Cloud Server	\$9.30 USD	
CP230926073850P614	Elastic Cloud Server	\$71.86 USD	
CP230926073908VJQ4	Elastic Cloud Server	\$71.86 USD	
CP230928091205R04P	Elastic Volume Service	\$0.62 USD	
Total Records: 12			5 < 1 2 3 >



⑤ **Refunds:** amounts of unsubscriptions, specification downgrades, and account adjustments are included. The refund for amount adjustments is intended only for orders that are not settled monthly. All refunds are in cash and cash coupons are not returned. You can click the order number to view the order details.

Invoice	Description	Date	Amount
Not invoiced - HUAWEI CLOUD	CS2309280716KX7QL7 - Yearly/Monthly - unsubscription	Sep 28, 2023	-\$97.20 USD
Not invoiced - HUAWEI CLOUD	CS2309280716KXZLZ1 - Yearly/Monthly - unsubscription	Sep 28, 2023	-\$97.20 USD
Not invoiced - HUAWEI CLOUD	CS2309270716KQ0XNR - Yearly/Monthly - unsubscription	Sep 27, 2023	-\$97.20 USD
Not invoiced - HUAWEI CLOUD	CS2309271915KU2DY4 - Yearly/Monthly - unsubscription	Sep 27, 2023	-\$97.20 USD
Not invoiced - HUAWEI CLOUD	CS2309260716KGSAA9 - Yearly/Monthly - unsubscription	Sep 26, 2023	-\$97.20 USD

Total Records: 41

⑥ **Transactions:** expenditures summarized by service type or region. You can view the transaction details by account or service type. For more dimensions, go to the Cost Center.

Description	Duration/Usage	Amount (USD)
HUAWEI CLOUD Charges		
Elastic Volume Service EVS		\$56,343.75 USD
Elastic Cloud Server ECS		\$159,006.16 USD
Object Storage Service OBS		\$20.35 USD
Relational Database Service RDS		\$734.37 USD
Virtual Private Cloud VPC		\$17,844.12 USD
HUAWEI CLOUD KooGallery Charges		
Yunxiazhi - Cloud Bastion Host		\$2,094,400.00 USD

The amounts shown on the **Bill Details** page are rounded off, so there may be some discrepancies with the amounts shown in the monthly bill. To view the exact amounts, export the monthly bill in XLSX format.

- To use an API to query summary bills, see [Querying Summary Bills](#) for details.
- For details about taxes, see [Tax Help](#).

----End

### 6.2.3.2 Bill Settings

Under **Billing Settings**, you can choose to enable bill notification. If you enable bill notification, HUAWEI CLOUD will send bills to you via email or SMS message each month after these bills are generated.

#### Procedure

**Step 1** Choose **Billing** > **Bills**, and click **Bill Settings** in the upper right corner of the page.

The **Bill Settings** page is displayed.

**Step 2** Turn on the **Receive Bills** toggle.

**Step 3** Set the following parameters as needed, and click **Save**.

Bills / Bill Settings

**Receive Bills**  
Enable the Receive Bills option and configure the settings below to receive bills for each billing cycle.

Receive Bills

Contact Person [Modify](#)

Language  中文 (简体)  English

Bill Amount  Do not send me the bill if no expenditures occur in a billing cycle

**Negative Balance**  
Choose to use a **negative balance** to pay postpaid bills of this account.

Apply balance to historical and future bills  Apply balance to future bills only

Save

- **Contact Person:** Click **Modify** to modify the bill recipients on the **SMS & Email Settings > Finance > Bill** page in the Message Center.
- **Language:** Set the language of bill files.
- **Bill Amount:** If this option is selected, no bill notification is sent if no expenditures occur in a billing cycle.
- **Negative Balance**
  - You can set a **negative balance** to pay postpaid bills of this account. It is used to pay for the bills of the previous billing cycles or the next billing cycle by default.
  - When the master account allocates credits to its member accounts and makes payments for these member accounts, only the master account can set the negative balance, and its member accounts can view the settings.

----End

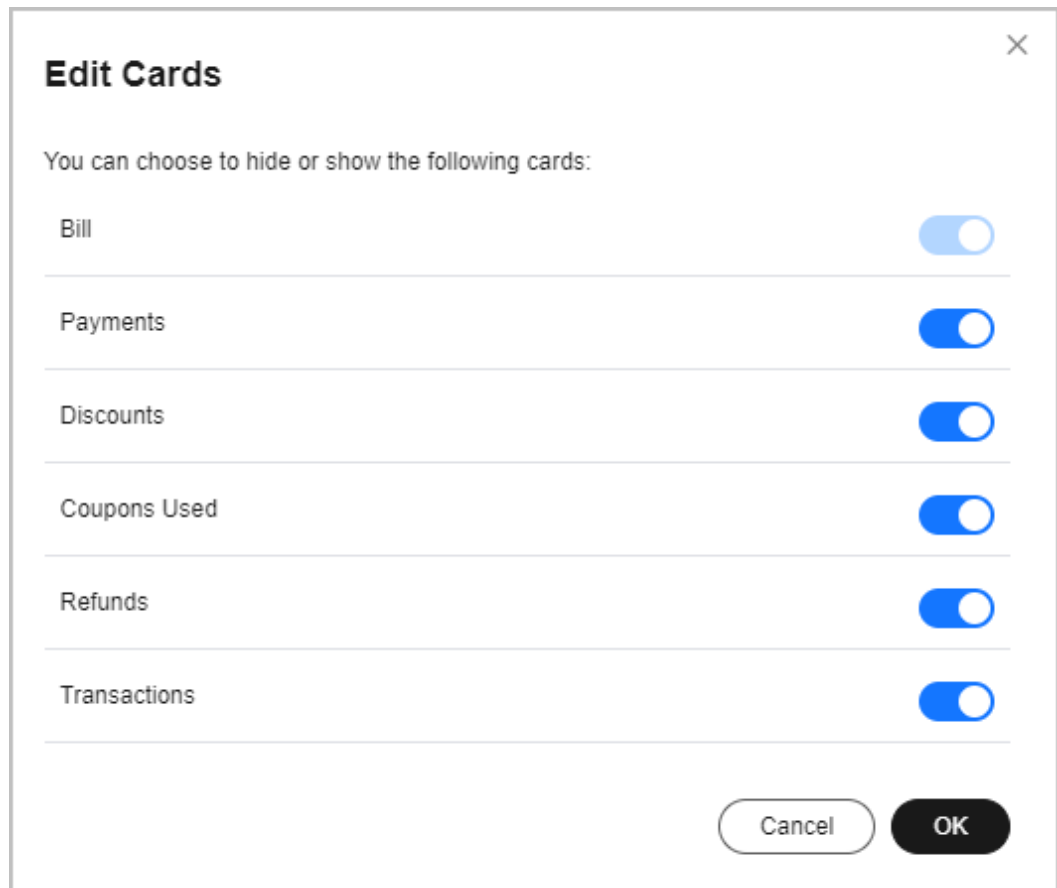
### 6.2.3.3 Editing Cards

You can personalize your bills by displaying or hiding the cards.

## Procedure

**Step 1** Choose **Billing > Bills**, and click **Edit Cards** in the upper right corner of the page.  
**Edit Cards** is displayed.

**Step 2** Choose to hide or show the cards as required, and then click **OK**.



----End

### 6.2.3.4 Viewing the Bills Held By the Original Business Entity

View the bills generated during the association period if you have been associated with a partner.

### Switching the Business Entity

If your account is associated with a partner, your business entity is switched from Huawei Cloud to your partner's business entity.

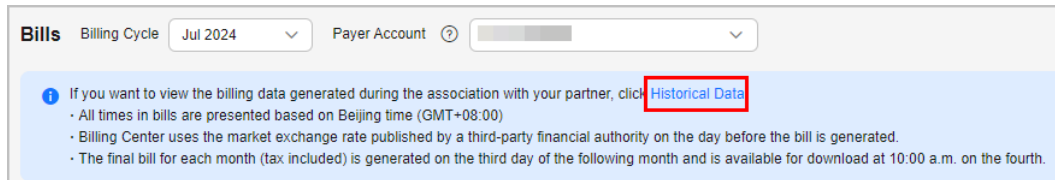
If your account is disassociated from the partner, your business entity is switched back to your original business entity (Huawei Cloud).

If your account is disassociated from the partner and then associates with another partner, your business entity is accordingly switched to the new partner's business entity.

## Viewing Payment History

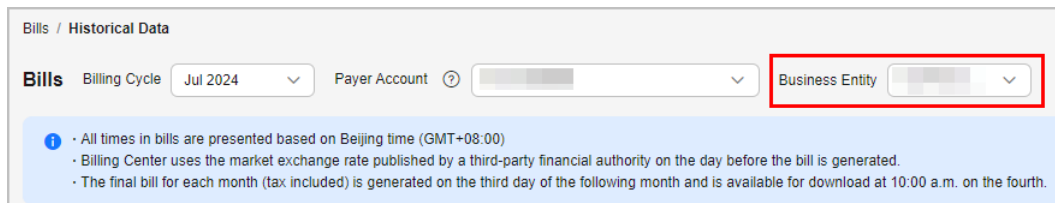
**Step 1** The **Bills** page is displayed.

**Step 2** Click **Historical Data**.



**Step 3** Select **Business Entity** in the upper right corner of the page to view the billing data held by different business entities.

For bill details, see **Bills**.



----End

## 6.2.4 Bill Details

You can view the bill details of the last 18 months on the page. To view the data of earlier months, export it and download the file.

**Step 1** Open the **Bill Details** page.


**Step 2** Select a billing cycle. Set the data type and data period.

The screenshot shows the 'Bill Details' page. At the top, there are filters for 'Billing Cycle' (Jul 2023), 'Account Name', and 'Payer Account'. Below the filters, there are sorting options: 'Usage', 'Resource Name/ID', 'Resource Type', 'Service Type', 'Account', 'Data Period', 'By billing cycle', 'By day', and 'Details'. There are also 'Export' and 'Customize Column' buttons. A search bar is present with the text 'By resource id (default setting)'. The main content is a table with the following columns: Billing..., Payer Account, Account Name, Service Type, Resource T..., Billing Mode, Bill Type, Resource N..., Resource Tag, Specificatio..., Region, and AZ. The table contains three rows of data for July 2023.

Billing...	Payer Account	Account Name	Service Type	Resource T...	Billing Mode	Bill Type	Resource N...	Resource Tag	Specificatio...	Region	AZ
Jul 2023			Elastic Volu...	Volume	Yearly/Mont...	Refund-tax	hws.resourc... 230731_736...	--	General Pur...	CN North-B...	cn-nort...
Jul 2023			Elastic Volu...	Volume	Yearly/Mont...	Refund-unsubsc...	hws.resourc... 230731_736...	--	General Pur...	CN North-B...	cn-nort...
Jul 2023			marketplace...	KooGallery	Yearly/Mont...	Expenditure-purchase	hws.resourc... 230731_575...	--	yunxiazl_yu...	CN North-B...	--

- **Usage:** how a pay-per-use cloud service is billed, such as by duration, capacity, or upstream traffic
- **Resource:** cloud resources, such as devices, IP addresses, and ports
- **Resource Type:** type of a cloud resource
- **Service Type:** type of a cloud service
- **Account:** created after registering with Huawei Cloud. The account has full access permissions for all the resources owned by itself.

 NOTE

- When you view bills with data type set to **Usage** and data period set to **Details**:  
The following changes are made when you view bill details of pay-per-use and yearly/monthly products by Usage:
  - Before November 15, 2020, the **Discount Type** field is set to --. Since November 15, 2020, this field is set to the actual discount type you enjoy.
  - Before August 01, 2021, the **Discount Subtype** field is set to --. Since August 01, 2021, this field is set to the actual discount you enjoy.
- When you view bills by **Usage** with the period set to **By billing cycle** or **By day**:
  - For yearly/monthly subscriptions, the **Discount Type** and **Discount Subtype** fields in the bills are set to the actual discount type and discount information, respectively.
  - For pay-per-use products, the **Discount Type** and **Discount Subtype** fields are set to the actual discount type and discount information in the bills generated since 00:00:00 on August 1, 2022 and set to -- in the bills generated before that time.
- Click  on the right of the amount due to select whether to hide expenditures of \$0 USD.
- In the Pay-per-Use billing mode, the unit price is provided, and the amount is equal to the usage multiplied by the unit price. In other billing modes, such as the tiered pricing and small amount accumulation, no unit price is provided.
- For a yearly/monthly product, if a customer updates the resource name and resource tag on the cloud service console, the new name and tag will not be updated to the resources which have expired in the bill.

**Example:**

1. On October 10, 2023, a customer subscribed to an EVS disk for one month. The Billing Center generated an order for the new purchase and the bill for the resource usage.
2. On November 8, 2023, the customer renewed the EVS disk for one month. The Billing Center generated another order for the renewal and the bill for the resource usage.
3. On November 20, 2023, the customer updated the resource name and resource tag on the EVS console.

**Result:**

- Because the resources in the new purchase order have expired, the resource name and tag will not be updated in the corresponding bill.
- However, the resources in the renewal order are still in use, the resource name and tag will be updated in the corresponding bill.

----End

## 6.2.5 Exporting Bills

Huawei Cloud generates the final bill for each month's expenditures on the third day of the following month. It is made available for viewing or export at 10:00 a.m. on the fourth of the following month.

You can select the type of bills to be exported as you required.

**Table 6-2** Exported Files

Bill Type	Function	File Format	Billing Period	Operations
Bill summary	Expenditure summary of the current month. The summary is not updated in real time and cannot be used for reconciliation.	<ul style="list-style-type: none"> <li>• PDF</li> <li>• XLS X</li> </ul>	By billing cycle	<ol style="list-style-type: none"> <li>1. Choose <b>Billing &gt; Bills</b>, and click <b>Export</b>.</li> <li>2. Select <b>Summary bill</b>. Set the time, file format, and data dimension.</li> <li>3. Click <b>Export</b>.</li> </ol>
Transactions	Transaction records, which can be used for reconciliation.	CSV	By billing cycle	<ol style="list-style-type: none"> <li>1. Choose <b>Bills &gt; Bill Summary</b>, and click <b>Export</b>.</li> <li>2. Select <b>Transaction Bills</b>, and set the time.</li> <li>3. Click <b>Export</b>.</li> </ol>
Bill details	Usage and expenditure of each resource for the current account, which can be used to check commercial discounts.	CSV	<ul style="list-style-type: none"> <li>• By billing cycle</li> <li>• By day</li> <li>• By details</li> </ul>	<ol style="list-style-type: none"> <li>1. Choose <b>Billing &gt; Bill Details</b>.</li> <li>2. Select a billing cycle, set the dimension and data period. Click <b>Export</b>.</li> </ol>

**NOTE**

- In the PDF summary bill, the amounts are rounded off to the 2nd decimal place.
- Exact amounts (accurate to the 8th decimal place) are displayed on the exported file in Excel or CSV format.

## 6.2.6 Payment History

You can view all payment records of your cash account and credit card in a specified period.

### Important Notes

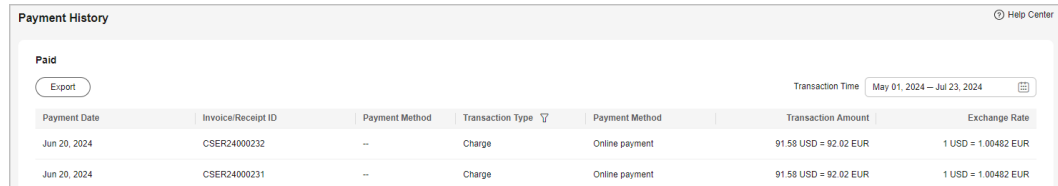
If you have chosen the monthly settlement option, your payment records are displayed only after fees are deducted from your account.

If the payment currency is not USD, the amount is converted to USD based on the exchange rate. and then rounded off to the 2nd decimal place. When the currency is Japanese yen, the amounts are rounded off to an integer.

## Viewing Payment Records

**Step 1** Go to [Payment History](#) page.

**Step 2** Select a payment date to view all payment records in that period.



The screenshot shows the 'Payment History' page with a 'Paid' status filter and an 'Export' button. The table below displays two payment records for June 20, 2024.

Payment Date	Invoice/Receipt ID	Payment Method	Transaction Type	Payment Method	Transaction Amount	Exchange Rate
Jun 20, 2024	CSER24000232	--	Charge	Online payment	91.58 USD = 92.02 EUR	1 USD = 1.00482 EUR
Jun 20, 2024	CSER24000231	--	Charge	Online payment	91.58 USD = 92.02 EUR	1 USD = 1.00482 EUR

----End

## Downloading Payment Records

Click **Export** in the upper left corner of the page. You can download the exported contents on the [Billing Center > Export History](#) page.

### 6.2.7 Usage Details

You can view or export the usage details of the 95th percentile bandwidth, 95th percentile bandwidth (enhanced), 95th percentile bandwidth (guaranteed), and daily peak bandwidth for CDN, VPC, CC, EIP, and OBS services. Billing Center prepares your usage details of the last 18 months.

### Important Notes

To obtain complete usage details, query the data of a month after the third day of the following month.

### Procedure

**Step 1** Go to the [Usage Details](#) page.

**Step 2** Set the service type, resource type, and time to export usage details.

----End

## 6.2.8 Data Storage

### 6.2.8.1 Enabling Data Storage

You can enable expenditure data storage by creating a bucket on Object Storage Service (OBS). Huawei Cloud will synchronize your bills to the designated bucket on OBS.

 NOTE

- **The bill data storage service is upgraded to provide more detailed bill data. If you have enabled the old version of the bill data storage service, you can click the button in the upper right corner of the page to experience the new version of the service.**

The new version of the bill data storage service does not affect the old version. If you want to switch to the new version, disable the old version.

- If you enabled the data storage service or update the push settings after 04:00, Huawei Cloud will not send your bills of the previous day.

For example, if you enabled the data storage service at 08:10 on February 10, 2024, you will not receive the bills of February 09, 2024.

## Enabling Bill Subscription

**Step 1** Create a bucket on OBS. For details about how to create a bucket, see [Creating a Bucket](#).

**Step 2** Log in to the Billing Center.

**Step 3** Go to the [Expenditure Data Storage](#) page.

**Step 4** Set the bucket name.

 NOTE

If the bucket becomes invalid, expenditure data storage is automatically disabled.

**Step 5** Click **Verify**.

A message indicating that the verification is successful is displayed and all eligible bills are presented.

**Step 6** Select the bills that you want to export and click **Enable**.

Once authorized and verified, the files for your selected bills will be synchronized to your bucket on OBS every day.

- **Set Push**

If you select the check box, the expenditure data updated upon bill adjustments will be synchronized to your bucket on OBS.

- **Save Bills of Unified Accounting Members**

This field is available only to the master account with unified accounting.

When this field is set to **Yes**, Huawei Cloud pushes bills of member accounts to the master account for unified accounting. If this field is set to **No**, Huawei Cloud does not push bills of member accounts to the master account.

**Step 7** Click **Get Code**.

**Step 8** Enter the received SMS verification code and click **OK**.

 NOTE

You can click **Disable** next to the object storage name to close expenditure data storage.

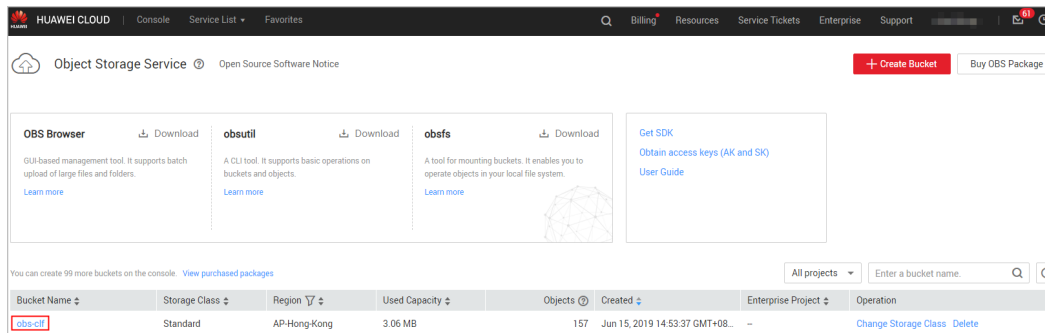
----End



## Downloading Subscribed Bills

**Step 1** Choose **Service List > Storage > Object Storage Service**.

**Step 2** Click the bucket name.



**Step 3** In the navigation bar on the left, click **Objects**. You can view all files of the subscribed bills that have been exported.

### NOTE

- Bills of the same type are sorted in descending order.
- You can search for bills by bill name prefix. Example: Enter **Spending(ByResource)\_201906** in the search box to view all resource bill files in June 2019.
- Data generated each day for customers in the monthly settlement mode is estimated. It is suggested that these customers obtain the full bill of a month on the fourth day of the next month.

After expenditure data storage is enabled, data listed in **Table 6-3** will be automatically exported based on your selection.

**Table 6-3** Exported bills

Bill	Billing Period	Data to Be Exported	Filename Identifier
Resource bill by billing cycle (applicable to the new version)	Every day	Data of the month (prior to the day on which the data is exported)	%account name %_InstanceBillMonth_Y YYYYMM
	Third day of each month	Data of the last month	
Detail bill by usage type (applicable to the new version)	Every day	Data of the previous day	%account name %_PriceFactorBillDetail_YYYYMMDD
	Third day of each month	Data of the last month	%account name %_PriceFactorBillDetail_YYYYMMDD-YYYYMMDD

Bill	Billing Period	Data to Be Exported	Filename Identifier
Resource Expenditures (applicable to the old version)	Every day	Resource expenditure data of the previous day	Resource_Expenditures_YYYYMMDD
	Third day of each month	Pay-per-use expenditure data of the last month (for example, data of CDN expenditure charged based on daily average peak bandwidth). <b>NOTE</b> Such data is not displayed if there is no monthly-settled pay-per-use products.	Resource_Expenditures(Pay-per-Use)_MonthlyBill_YYYYMM
Spending (By Resource) (applicable to the old version)	Every day	Current month (excluding the day on which the data is exported)	Spending (ByResource)_YYYYMMDD
	Third day of each month	Last month (YYYYMMDD in the file name indicates the last day of the last month)	Spending (ByResource)_YYYYMMDD

**Step 4** Select the bill you want to download and click **Download** in the **Operation** column.

----End

## Further Description

If you want to download subscribed bills every day, run the following script to set it up. After the setup is completed, the subscribed bills will be automatically downloaded.

### NOTE

The following code example is for reference only. You can make changes to it for development as needed.

```
#!/usr/bin/python
# -*- coding:utf-8 -*-
import string,os,sys,datetime
import commands
import json

#get date
date = datetime.date.today()-datetime.timedelta(1)
str_date = date.strftime("%Y%m%d")

AK = "
```

```
SK = ""
server = ""
bucketName = ""
#prefix="Consumeddetails_"+str_date
prefix="Resource_Expenditures_"+str_date
print prefix

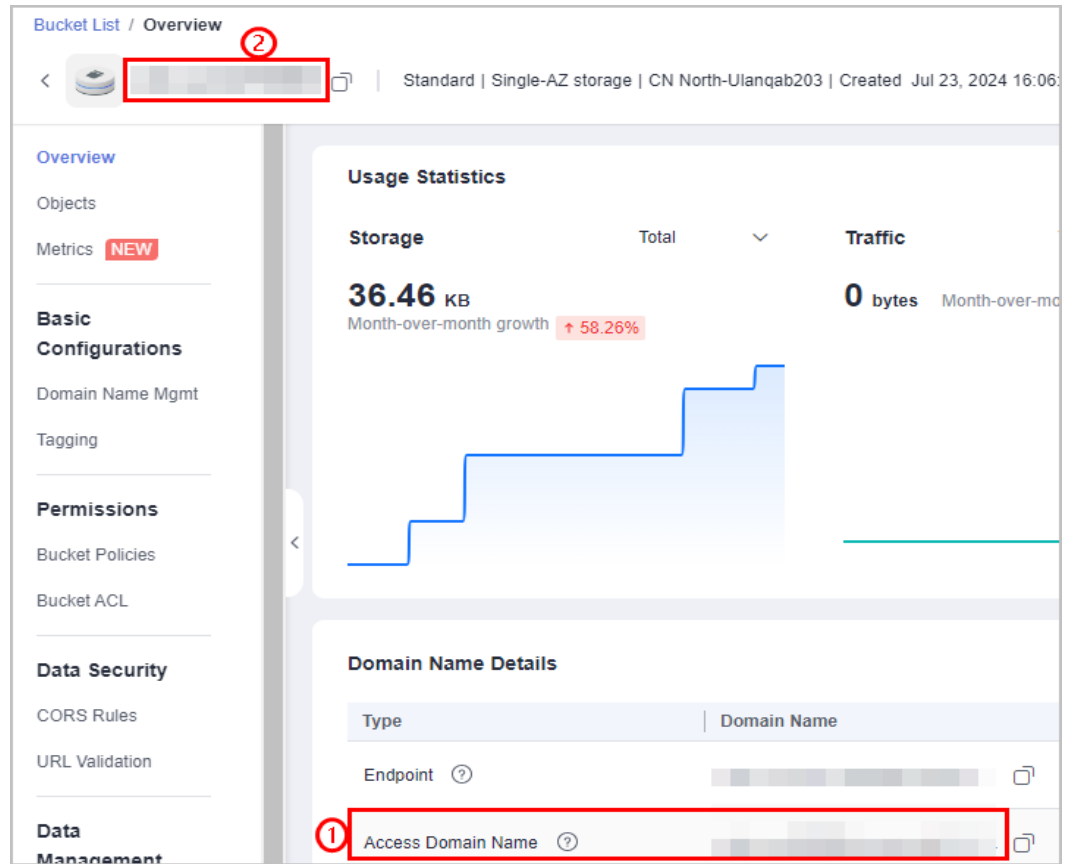
from com.obs.client.obs_client import ObsClient
# Constructs a obs client instance with your account for accessing OBS
obsClient = ObsClient(access_key_id=AK, secret_access_key=SK, server=server)

#find which billing
resp=obsClient.listObjects(bucketName,prefix)
#billing name
objectKey=resp.body.contents[0].key
localFileDir='/opt/huawei/zcm/data/'+objectKey
# Download the object to a file
print('Downloading an object to dir:' + localFileDir + '\n')
obsClient.getObject(bucketName, objectKey, downloadPath=localFileDir)
```

Description of parameters:

- AK: access key ID on OBS. One AK maps to only one user but one user can have multiple AKs. The OBS system recognizes the users who access the system by their access key IDs. For details about how to obtain the AK and SK, see [Obtaining Access Keys \(AK and SK\)](#).
- SK: secret access key on OBS. It is used to access OBS. Authentication information is generated for users based on their SKs and request header fields. An SK matches an AK.
- server: domain name, which is the address of the bucket on the Internet. It can be used for scenarios where the bucket is accessed directly through the domain name, such as cloud application development and data sharing. You can obtain its value from "1" in [Figure 6-3](#).
- bucketName: name of the bucket used for the subscribed bills. You can obtain its value from "2" in [Figure 6-3](#).
- prefix: bills that need to be automatically downloaded.
  - "Resource\_Expenditures\_": Indicates resource expenditure records.
  - "Spending (ByResource)\_": Indicates the resource bill.
- localFileDir: local directory for storing downloaded bill files.

**Figure 6-3** Obtaining parameters for automatically downloading subscribed bills



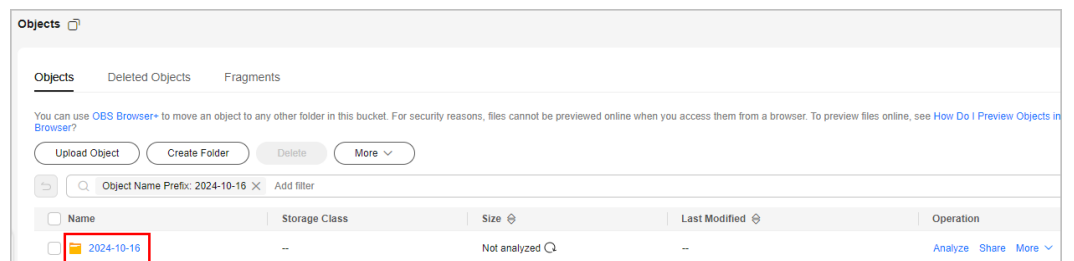
### 6.2.8.2 Format of Resource Bill by Billing Cycle (for New Version)

#### Bill Description

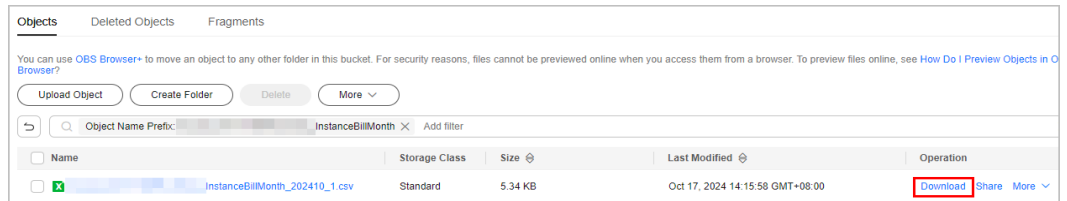
1. After subscribing to resource bills by billing cycle on the **Billing > Data Storage** page of the Billing Center, you can download and view these bills from **Service List > Storage > Object Storage Service**.

For details about how to download the bills, see [Downloading Subscribed Bills](#).

2. Select the folder named after a date as needed.



3. The date folder is opened. Download the resource bill file.



Bill	Billing Period	Data to Be Exported	Filename Identifier
Resource bill by billing cycle	Every day	Data of the month (prior to the day on which the data is exported)  For example, the file exported on April 10, 2021 contains bill details from April 1, 2021 to April 9, 2021.  <b>NOTE</b> Due to the data report delay, the daily bills may not include all transaction data. You are not advised using the daily bills for reconciliation and monthly data analysis.	%account name %_InstanceBillMonth_Y YYYYMM
	Third day of each month	Data of the last month <b>(recommended for reconciliation)</b>  For example, the file exported on April 3, 2021 includes bill details of March 2021 (a billing cycle).	

## Bill Content

**Table 6-4** Parameters in resource bill by billing cycle

Field Name	Type	Field Description	Example Value
Billing Cycle	String	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.	2020-08

Field Name	Type	Field Description	Example Value
Enterprise Project	String	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.	default
Enterprise Project ID	String	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .	0
Account	String	Account name of the customer to which a bill belongs.	zhangsan
Service Type Code	String	Code of a product type.	hws.service.type.ebs
Service Type	String	Type of a cloud service.	Elastic Volume Service
Resource Type Code	String	Code of a product.	hws.resource.type.volume
Product ID	String	ID of a product.	d5d5ba12f9e4d0f997ab48464133d24
Resource Type	String	Name of a cloud service.	Elastic Volume Service
Billing Mode	String	Billing mode. The options are as follows: <ul style="list-style-type: none"><li>• Yearly</li><li>• Monthly</li><li>• Daily</li><li>• One-off</li><li>• Pay-per-use</li><li>• Reserved Instance</li><li>• Savings Plans</li></ul>	Monthly

Field Name	Type	Field Description	Example Value
Bill Type	String	<p>Type of a billing item.</p> <ul style="list-style-type: none"><li>• Expenditure-purchase: fees of purchased yearly/monthly subscriptions</li><li>• Expenditure-renewal: fees of yearly/monthly subscriptions that you manually renew</li><li>• Expenditure-use: fees of pay-per-use products</li><li>• Expenditure-auto-renewal: fees of yearly/monthly subscriptions that are automatically renewed</li><li>• Expenditure-hourly billing: fees for reserved instances and savings plans that are billed hourly.</li><li>• Expenditure-savings plans used: expenditures paid for using savings plans</li><li>• Expenditure-unsubscription service charge: handling fees charged for unsubscriptions</li><li>• Expenditure-month-end deduction for support plan: fees charged for the support plan at the end of a month</li><li>• Expenditure-change: fees incurred due to changes in the specifications of yearly/monthly subscriptions</li><li>• Expenditure-monthly payment: fees of yearly/monthly subscription that is paid monthly</li><li>• Refund-unsubscription: fees of yearly/monthly products that are unsubscribed from</li><li>• Refund-change: expenditures generated when a yearly/monthly resource is changed, for example, its specifications are downgraded</li></ul> <p><b>NOTE</b> The bill type of specification downgrade orders from <b>Refund-unsubscription</b> to <b>Refund-change</b> since August 25, 2022 (GMT+08:00).</p> <ul style="list-style-type: none"><li>• Refund-change to pay-per-use: fees for the refunds generated when a yearly/monthly subscription is changed to pay-per-use billing.</li><li>• Adjustment-compensation: fees compensated by Huawei Cloud</li><li>• Adjustment-deduction: fees paid when Huawei Cloud makes an account adjustment. For example, when Huawei Cloud adjusts a specification downgrade order, the original refund amount is paid first.</li></ul>	Expenditure-purchase

Field Name	Type	Field Description	Example Value
Resource ID	String	Unique ID of a cloud service resource.	e46a3ab3-d1ca-42e4-84d7-db19d1702455
Resource Name	String	Name of a cloud service resource.	volume-6d23
Resource Tag	String	User-defined tag of a cloud service resource.	group
SKU Code	String	An SKU code is unique to a product.	SATA
Specifications	String	A collection of attributes and their values used to describe the features of the resource that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.	Common I/O   10.0 GB
Parent Resource ID	String	ID of the parent resource to which a resource belongs.	-
Root Resource ID	String	ID of the root of a resource. Child resources belong to parent resources, and parent resources belong to root resources.	-
Region Code	String	Code of a region.	cn-north-1
Region	String	Cloud service region that provides public cloud service resources independently and serves a large geographical area.	CN North-Beijing1
AZ	String	A physical zone where resources use independent power supply and networks. AZs are physically isolated. One region has multiple AZs. If one AZ becomes faulty, the other AZs in the same region can still provide services. AZs in the same region can access each other on an intranet.	AZ1



Field Name	Type	Field Description	Example Value
List Price	BigDecimal	Price of the product for the specified period displayed on the Huawei Cloud official website.	3
Discount	BigDecimal	Discounts offered for cloud services, for example, commercial discounts and promotional discounts. It is the discounted amount based on the list price.	0
Amount	BigDecimal	Amount that should be paid for used cloud services after discounts are applied. The discounts include promotional discounts, discount coupons, and commercial discounts.	3
Cash Payment	BigDecimal	Amount that is paid by cash.	3
Credit Payment	BigDecimal	Amount that is paid by credit. After the bill is generated, credit payments are included in the amount due.	0
Cash Coupon Used	BigDecimal	Amount paid using cash coupons.	0
Flexi-Purchase Coupon Used	BigDecimal	Amount paid using flexi-purchase coupons.	0
Stored Value Card Payment	BigDecimal	Amount paid using stored value cards.	0
Monthly Settlement	BigDecimal	Amount settled monthly. This parameter is displayed only for monthly-settled customers.	0

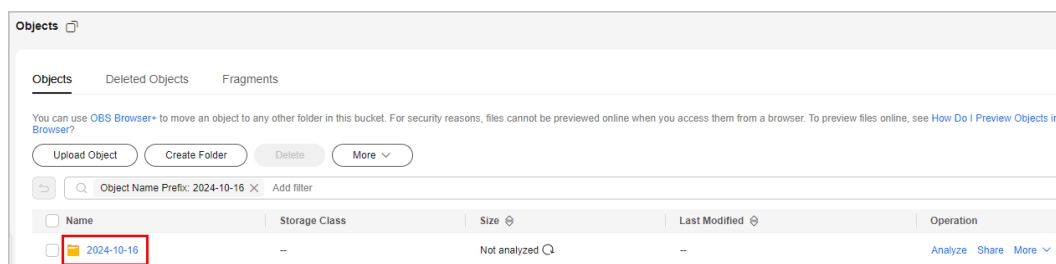
Field Name	Type	Field Description	Example Value
Arrears	BigDecimal	Amount to be deducted and paid, including uncleared amount and unsettled amount. This parameter is displayed only for non-monthly-settled customers.	0
Written Off	BigDecimal	Part of amount in the arrears that is written off by Huawei and does not need to be paid.	0
Order No./ Transaction No.	String	Order No. is a unique identifier of a yearly/monthly order. Transaction No. is a unique identifier of payment for billing modes, such as pay-per-use.	CS21061515 539V0RHH6
Start Time	String	Time when billing for a cloud service starts.	2021-06-15 16:05:43 GMT+08:00
End time	String	Time when billing for a cloud service ends.	2021-07-15 23:59:59 GMT+08:00
Spot Instance	String	Whether the current pay-per-use instance is using spot pricing. <ul style="list-style-type: none"><li>• N</li><li>• Y</li></ul> This field takes effect from 00:00:00 on August 1, 2021. The related data can be viewed and exported.	N
Trading Account	String	Enterprise master account. This parameter is displayed only when you have enabled the Enterprise Center and the association model is <b>Unified Accounting Management</b> .	zhangtao
Association Type	String	Association mode of the enterprise master account and its member accounts. This parameter is displayed only when you have enabled the Enterprise Center and the association model is <b>Unified Accounting Management</b> .	Unified accounting

Field Name	Type	Field Description	Example Value
Combined Order No.	String	Unique ID of a combined order. Huawei Cloud will combine multiple orders that need to be executed in a batch, such as operated in a batch and paid in a batch. You need to pay or cancel the orders together in a combined order. After a combined order is paid, each cloud service in the combined order can be managed separately.	CS24CSYZHD0050016
Sub-resource Name	String	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.	--
Sub-resource ID	String	Unique ID of a child resource for a cloud service.	230606_bca373129f0b4364b45f83b68689f1e1
Sub-resource Product Type	String	Service type of a child resource for a cloud service.	Elastic Volume Service
Sub-resource Product	String	Service name of a child resource for a cloud service.	Elastic Volume Service

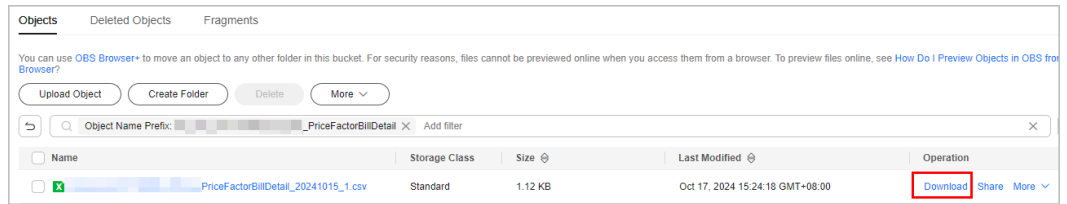
### 6.2.8.3 Format of Detail Bill by Usage Type (for New Version)

#### Bill Description

1. After subscribing to detailed bills by usage type on the **Billing > Data Storage** page on the Billing Center, you can download and view these bills from **Service List > Storage > Object Storage Service**.
2. Select the folder named after a date as needed.



3. The date folder is opened. Download the usage type details bill file.



Bill	Billing Period	Data to Be Exported	Filename Identifier
Detail bill by usage type	Every day	Data of the previous day For example, the file exported on April 3, 2021 includes bill details on April 2, 2021.  <b>NOTE</b> Due to the data report delay, the daily bills may not include all transaction data. You are not advised using the daily bills for reconciliation and monthly data analysis.	%account name %_PriceFactorBillDetail_YYYYMMDD
	Third day of each month	Data of the last month <b>(recommended for reconciliation)</b> For example, the file exported on April 3, 2021 includes bill details of March 2021 (a billing cycle).	%account name %_PriceFactorBillDetail_YYYYMMDD-YYYYMMDD

**Bill Content**

**Table 6-5** Parameters in detail bill by usage type

Field Name	Type	Field Description	Example Value
Billing Cycle	String	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.	2020-08

Field Name	Type	Field Description	Example Value
Enterprise Project	String	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.	default
Enterprise Project ID	String	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .	0
Account	String	Account name of the customer to which a bill belongs.	zhangsan
Service Type Code	String	Code of a product type.	hws.service.type.aom
Service Type	String	Type of a cloud service.	Application Operations Management
Resource Type Code	String	Code of a product.	hws.resource.type.aom.alarmruleai
Product ID	String	ID of a product.	00301-215174-0--0
Resource Type	String	Name of a cloud service.	AI AlarmRule Of AOM
Billing Mode	String	Billing mode. The options are as follows: <ul style="list-style-type: none"><li>• Yearly</li><li>• Monthly</li><li>• Daily</li><li>• One-off</li><li>• Pay-per-use</li><li>• Reserved Instance</li><li>• Savings Plans</li></ul>	Pay-per-use
Expenditure Time	String	Time when the expenditure occurs. For yearly/monthly products, it is the time of payment, while for pay-per-use products, it is the period from the effective time to the expiration time of the resource reported in the SDR.	2020-08-23 22:00:00 GMT +08:00-2020-08-23 23:00:00 GMT +08:00

Field Name	Type	Field Description	Example Value
Start Time	String	Time when billing for a cloud service starts.	2020-08-23 22:00:00 GMT +08:00
End time	String	Time when billing for a cloud service ends.	2020-08-23 23:00:00 GMT +08:00
Order No./ Transaction No.	String	Order No. is a unique identifier of a yearly/ monthly order. Transaction No. is a unique identifier of payment for billing modes, such as pay-per-use.	450b5ab2-5a4e-4c16-a8ea-bcd564d1773f
Transaction Time	String	Time when the fee is paid for an expenditure.	2020-08-23 23:41:33 GMT +08:00

Field Name	Type	Field Description	Example Value
Bill Type	String	<p>Type of a billing item.</p> <ul style="list-style-type: none"><li>• Expenditure-purchase: fees of purchased yearly/monthly subscriptions</li><li>• Expenditure-renewal: fees of yearly/monthly subscriptions that you manually renew</li><li>• Expenditure-use: fees of pay-per-use products</li><li>• Expenditure-auto-renewal: fees of yearly/monthly subscriptions that are automatically renewed</li><li>• Expenditure-hourly billing: fees for reserved instances and savings plans that are billed hourly.</li><li>• Expenditure-savings plans used: expenditures paid for using savings plans</li><li>• Expenditure-unsubscription service charge: handling fees charged for unsubscriptions</li><li>• Expenditure-month-end deduction for support plan: fees charged for the support plan at the end of a month</li><li>• Expenditure-change: fees incurred due to changes in the specifications of yearly/monthly subscriptions</li><li>• Expenditure-monthly payment: fees of yearly/monthly subscription that is paid monthly</li><li>• Refund-unsubscription: fees of yearly/monthly products that are unsubscribed from</li><li>• Refund-change: expenditures generated when a yearly/monthly resource is changed, for example, its specifications are downgraded</li></ul> <p><b>NOTE</b> The bill type of specification downgrade orders from <b>Refund-unsubscription</b> to <b>Refund-change</b> since August 25, 2022 (GMT +08:00).</p> <ul style="list-style-type: none"><li>• Refund-change to pay-per-use: fees for the refunds generated when a yearly/monthly subscription is changed to pay-per-use billing.</li><li>• Adjustment-compensation: fees compensated by Huawei Cloud</li></ul>	Expenditure-use

Field Name	Type	Field Description	Example Value
		<ul style="list-style-type: none"><li>Adjustment-deduction: fees paid when Huawei Cloud makes an account adjustment. For example, when Huawei Cloud adjusts a specification downgrade order, the original refund amount is paid first.</li></ul>	
Resource ID	String	Unique ID of a cloud service resource.	aombilling - alarmrulea i- a410b0d62 68a48e394 6a84c4a39 c8a00.0
Resource Name	String	Name of a cloud service resource.	--
Resource Tag	String	User-defined tag of a cloud service resource.	group
SKU Code	String	An SKU code is unique to a product.	aom.alarm rule.ai.base
Specifications	String	A collection of attributes and their values used to describe the features of the resource that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.	Basic intelligent threshold rules AOS stack   4
Region Code	String	Code of a region.	cn-north-1
Region	String	Cloud service region that provides public cloud service resources independently and serves a large geographical area.	CN North- Beijing1
AZ	String	A physical zone where resources use independent power supply and networks. AZs are physically isolated. One region has multiple AZs. If one AZ becomes faulty, the other AZs in the same region can still provide services. AZs in the same region can access each other on an intranet.	AZ1
Usage Type Code	String	Code of a usage type.	aom.count



Field Name	Type	Field Description	Example Value
Usage Type	String	How a pay-per-use cloud service is billed, such as by duration, capacity, or upstream traffic.	count
Unit Price	BigDecimal	Price of product usage, such as \$5 USD.	0.15
Unit	String	Unit to measure the unit price, such as GB/hour, Mbps/hour, and GB.	USD/ 10,000 (times)
Usage Unit	String	Unit to measure the product usage.	Byte
Usage Unit (for Pricing)	String	Usage unit used for pricing a product when the product is released.	GB
Usage	BigDecimal	How a cloud service is used within a period of time, such as by duration, capacity, count, or traffic.	1
Total Usage (Pricing Unit)	BigDecimal	Usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.  Total Usage (Pricing Unit) = Total Usage/ Conversion Factor  For example, 1 byte = 1/(1024 x 1024 x 1024) GB. The value is truncated to 10 decimal places and will be displayed as <b>0.0000000009</b> .	0.0000000 009
Package Usage	BigDecimal	Usage of a product or resource included in a resource package within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.	--
Package Usage (Pricing Unit)	BigDecimal	Package usage displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.	--
Usage in Reserved Instances	BigDecimal	Usage of a product or resource included in a reserved instance within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.	0
Usage in Reserved Instances (Pricing Unit)	BigDecimal	Usage for a reserved instance, which is displayed in the unit used for pricing when the product is released. The value is truncated to a maximum of 10 decimal places.	0

Field Name	Type	Field Description	Example Value
Conversion Factor	BigDecimal	Used to change <b>Usage Unit</b> to <b>Usage Unit (for Pricing)</b> . For example, the conversion factor between seconds and hours is 3600.	3600
List Price	BigDecimal	Price of the product for the specified period displayed on the Huawei Cloud official website.	0.15
Discount	BigDecimal	Discounts offered for cloud services, for example, commercial discounts and promotional discounts. It is the discounted amount based on the list price.	0
Amount	BigDecimal	Amount that should be paid for used cloud services after discounts are applied. The discounts include promotional discounts, discount coupons, and commercial discounts.	0.15
Cash Payment	BigDecimal	Amount that is paid by cash.	0.15
Credit Payment	BigDecimal	Amount that is paid by credit. After the bill is generated, credit payments are included in the amount due.	0
Cash Coupon Used	BigDecimal	Amount paid using cash coupons.	0
Flexi-Purchase Coupon Used	BigDecimal	Amount paid using flexi-purchase coupons.	0
Stored Value Card Payment	BigDecimal	Amount paid using stored value cards.	0
Monthly Settlement	BigDecimal	Amount settled monthly. This parameter is displayed only for monthly-settled customers.	0
Arrears	BigDecimal	Amount to be deducted and paid, including uncleared amount and unsettled amount. This parameter is displayed only for non-monthly-settled customers.	0
Written Off	BigDecimal	Part of amount in the arrears that is written off by Huawei and does not need to be paid.	0

Field Name	Type	Field Description	Example Value
Discount Type	String	Discount type used for the expenditure. <ul style="list-style-type: none"> <li>Promotional discount</li> <li>Commercial contract discount</li> <li>Channel contract discount</li> <li>Joint operations product discount</li> </ul> This field takes effect from 00:00:00 on November 15, 2020. The related data can be viewed and exported.	Commercial contract discount
Discount Subtype	String	Describes the details of the discounts applied. <ul style="list-style-type: none"> <li>% off</li> <li>Fixed unit price</li> <li>Amount off</li> </ul> This field takes effect from 00:00:00 on August 1, 2021. The related data can be viewed and exported.	70%
Order Type	String	Type of a product order: <ul style="list-style-type: none"> <li>New purchase</li> <li>Renewal</li> <li>Unsubscription</li> <li>Change</li> <li>Compensation: implemented by renewing orders for customers.</li> <li>Yearly/monthly to pay-per-use</li> <li>Pay-per-use to yearly/monthly</li> <li>Trial use</li> <li>Commercial use</li> <li>Price adjustments: additional charges and reversal</li> <li>Return</li> <li>Exchange</li> </ul>	New purchase
Quantity	String	Number of order items.	2
Number of Terms	String	Duration of an order period. For example, for an order valid for 3 months, <b>3</b> is the number of terms.	1
Term Unit	String	For example, for an order valid for 3 months, <b>month</b> is the term unit.	Year

Field Name	Type	Field Description	Example Value
RI Hours Purchased	String	Number of hours that a reserved instance is purchased. This field takes effect from 00:00:00 on August 1, 2021. The related data can be viewed and exported.	100
Unsubscription Reason	String	Reason for an unsubscription. This field takes effect from 00:00:00 on August 1, 2021. The related data can be viewed and exported.	--
Unsubscription Handling Fee	BigDecimal	Handling fees for unsubscriptions.	10.11
Original Order No.	String	Order No. for a resource before it is unsubscribed from.	CS2007020834553YB
Spot Instance	String	Whether the current pay-per-use instance is using spot pricing. <ul style="list-style-type: none"> <li>• N</li> <li>• Y</li> </ul> This field takes effect from 00:00:00 on August 1, 2021. The related data can be viewed and exported.	N
Amount Deducted from Savings Plan	BigDecimal	Actual hourly amount spent in the savings plan in the pay-per-use billing mode.	0.07200001
Savings Plan	String	Savings plan which is used to cover the expenditures of the pay-per-use resource.	1d67b44832cd4db8b5d4a9c548ee1930
Savings Plan Discount	String	Discount obtained when you commit to a savings plan depends on the hourly commitment.	60%
Payment Option	String	Options selected when you placed an order in the billing mode such as Reserved Instance and Savings Plans. The options include all upfront, partial upfront, and no upfront.	Partial upfront
Hourly Commitment	BigDecimal	Committed expenditure per hour in a savings plan. Different discounts are applied based on hourly commitment.	1.00

Field Name	Type	Field Description	Example Value
Sub-resource Name	String	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.	--
Sub-resource ID	String	Unique ID of a child resource for a cloud service.	230606_bc a373129f0 b4364b45f 83b68689f 1e1
Sub-resource Product Type	String	Service type of a child resource for a cloud service.	Elastic Volume Service
Sub-resource Product	String	Service name of a child resource for a cloud service.	Elastic Volume Service
Combined Order No.	String	Unique ID of a combined order. Huawei Cloud will combine multiple orders that need to be executed in a batch, such as operated in a batch and paid in a batch. You need to pay or cancel the orders together in a combined order. After a combined order is paid, each cloud service in the combined order can be managed separately.	CS24CSYZ HD005001 6
Trading Account	String	Enterprise master account. This parameter is displayed only when you have enabled the Enterprise Center and the association model is <b>Unified Accounting Management</b> .	zhangtao
Association Type	String	Association mode of the enterprise master account and its member accounts. This parameter is displayed only when you have enabled the Enterprise Center and the association model is <b>Unified Accounting Management</b> .	Unified accounting
Domain Id	String	Dedicated zone accounts bound to the current HUAWEI CLOUD account, such as the government cloud and financial zone accounts.	llf_domian _test

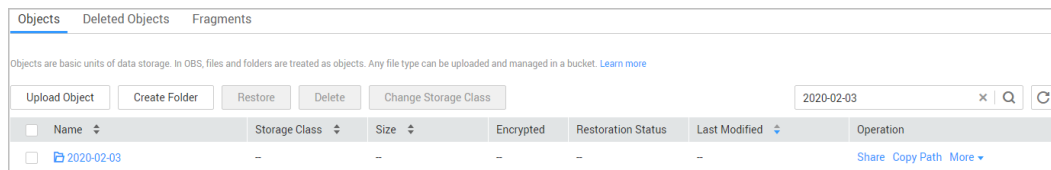
## 6.2.8.4 Format of Resource Expenditure Bill Files (for Old Version)

### Bill Description

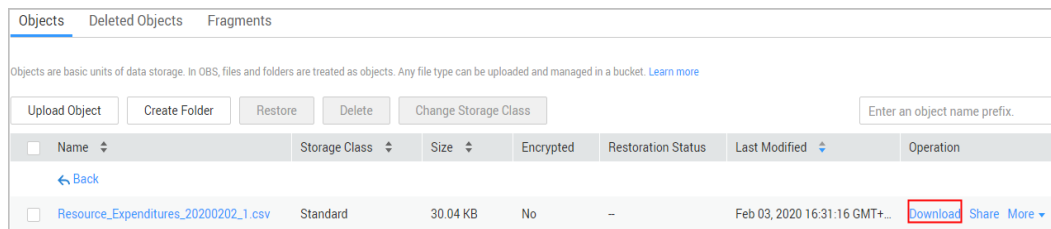
1. After subscribing to resource expenditure bills on the **Billing > Data Storage** page of the Billing Center, you can download and view these bills from **Service List > Storage > Object Storage Service**.

For details about how to download the bills, see [Downloading Subscribed Bills](#).

2. Select the folder named after a date as needed.



3. Open the date folder. Download the resource expenditures file.



Bill	Billing Period	Data to Be Exported	Filename Identifier
Resource Expenditures	Every day	Resource expenditure data of the previous day <b>NOTE</b> Due to the data report delay, the daily bills may not include all transaction data. You are not advised using the daily bills for reconciliation and monthly data analysis.	Resource_Expenditures_YYYYMMDD
	Third day of each month	Pay-per-use expenditure data of the last month (for example, data of CDN expenditure charged based on daily average peak bandwidth). <b>NOTE</b> Such data is not displayed if there is no monthly-settled pay-per-use products.	Resource_Expenditures(Pay-per-Use)_MonthlyBill_YYY YMM

## Bill Content

**Table 6-6** Fields

Field Name	Field Description
Expenditure Time	Expenditure time of a product. If the billing mode is Yearly/Monthly or Savings Plan, this field indicates the payment time of the product. If the billing mode is Pay-per-use or Savings plans-hourly billing, this field specifies the validity period of the cloud service.
Billing Cycle	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
Resource ID	Unique ID of a cloud service resource.
Resource Name	Name of a cloud service resource.
Resource Tag	User-defined tag of a cloud service resource.
BE	Supplier of the product: <ul style="list-style-type: none"><li>● HUAWEI CLOUD</li><li>● Reseller</li></ul>
Billing Mode	Billing mode. The options are as follows: <ul style="list-style-type: none"><li>● Monthly</li><li>● Yearly</li><li>● Daily</li><li>● One-off</li><li>● Pay-per-use</li><li>● Savings plans-upfront payment</li><li>● Savings plans-hourly billing</li></ul>
Service Type	Type of a cloud service.
Resource Type	Type of a cloud service resource.
Resource Type	Name of a cloud resource.
Resource Specifications	A collection of attributes and their values used to describe the features of the resource that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.

Field Name	Field Description
Region	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
Enterprise Project ID	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .
Enterprise Project Name	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.
Usage Type	How a pay-per-use cloud service is billed, such as by duration, capacity, or upstream traffic.
Usage/Commitment Period	How a cloud service is used within a period of time, such as by duration, capacity, count, or traffic.
Package Usage	Usage of a product or resource included in a resource package within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.
Usage in Reserved Instances	Usage of a product or resource included in a reserved instance within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.
Usage Unit	Unit to measure the product usage.
Total List Price	Price of the product for the specified period displayed on the Huawei Cloud official website.
Discount Amount	Discounts offered for cloud services, for example, commercial discounts, partner authorized discounts, and promotional discounts. It is the discounted amount based on the list price.
Amount	Amount that should be paid for used cloud services after discounts are applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts.
Order Type	Type of a product order: <ul style="list-style-type: none"><li>● New purchase</li><li>● Renewal</li><li>● Unsubscription</li><li>● Change: specification upgrade or downgrade Generally, a positive amount indicates a specification upgrade and a negative amount indicates a specification downgrade.</li></ul>
Order No.	Unique ID of an order.
Transaction Time	Time when the fee is paid for an expenditure.



Field Name	Field Description
VAT	Tax amount.
Sub-resource Name	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.
Sub-resource ID	Unique ID of a child resource for a cloud service.
Sub-resource Product Type	Service type of a child resource for a cloud service.
Sub-resource Product	Service name of a child resource for a cloud service.
Combined Order No.	Unique ID of a combined order. Huawei Cloud will combine multiple orders that need to be executed in a batch, such as operated in a batch and paid in a batch. You need to pay or cancel the orders together in a combined order. After a combined order is paid, each cloud service in the combined order can be managed separately.
Account	Account of the customer to which the bill belongs. This parameter is displayed only when the master account with unified accounting sets <b>Save Bills of Unified Accounting Members to Yes</b> .

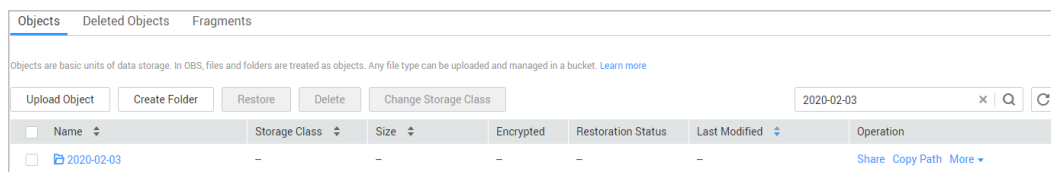
### 6.2.8.5 Format of Detailed Resource Bill Files (for Old Version)

#### Bill Description

1. After subscribing to detailed resource bills on the **Billing > Data Storage** page of the Billing Center, you can download and view these bills from **Service List > Storage > Object Storage Service**.

For details about how to download the bills, see [Downloading Subscribed Bills](#).

2. Select the folder named after a date as needed.



3. Open the date folder. Download the resource bill file.

Name	Storage Class	Size	Encrypted	Restoration Status	Last Modified	Operation
Resource_Expenditures_20200202_1.csv	Standard	30.04 KB	No	-	Feb 03, 2020 16:31:16 GMT+...	Download Share More
Spendings(ByResource)_20200131_2.csv	Standard	2.09 KB	No	-	Feb 03, 2020 16:26:32 GMT+...	Download Share More
Spendings(ByResource)_20200202_1.csv	Standard	1.50 KB	No	-	Feb 03, 2020 16:26:31 GMT+...	Download Share More

Bill	Billing Period	Data to Be Exported	Filename Identifier
Spendings (By Resource)	Every day	Current month (excluding the day on which the data is exported) <b>NOTE</b> Due to the data report delay, the daily bills may not include all transaction data. You are not advised using the daily bills for reconciliation and monthly data analysis.	Spendings(ByResource)_YYYYMMDD
	Third day of each month	Last month (YYYYMMDD in the file name indicates the last day of the last month)	Spendings(ByResource)_YYYYMMDD

## Bill Content

Table 6-7 Fields

Field Name	Field Description
Billing Cycle	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
Resource ID	Unique ID of a cloud service resource.
Resource Name	Name of a cloud service resource.
Resource Tag	User-defined tag of a cloud service resource.

Field Name	Field Description
Region	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
Service Type	Type of a cloud service.
Resource Type	Type of a cloud service resource.
Resource Type	Name of a cloud resource.
Enterprise Project ID	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .
Enterprise Project Name	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.
BE	Supplier of the product: <ul style="list-style-type: none"><li>• HUAWEI CLOUD</li><li>• Reseller</li></ul>
Billing Mode	Billing mode. When the expenditure amount of a product is a negative value, the order type is unsubscription or specification downgrade. <ul style="list-style-type: none"><li>• Yearly/monthly</li><li>• Pay-per-use</li><li>• Savings plans-upfront payment</li><li>• Savings plans-hourly billing</li></ul>
Total List Price	Price of the product for the specified period displayed on the Huawei Cloud official website.
Amount	Amount that should be paid for used cloud services after discounts are applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts.
Discount Amount	Discounts offered for cloud services, for example, commercial discounts, partner authorized discounts, and promotional discounts. It is the discounted amount based on the list price.
Remarks	Supplementary information.
VAT	Tax amount.
Sub-resource Name	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.

Field Name	Field Description
Sub-resource ID	Unique ID of a child resource for a cloud service.
Sub-resource Product Type	Service type of a child resource for a cloud service.
Sub-resource Product	Service name of a child resource for a cloud service.
Account	Account of the customer to which the bill belongs. This parameter is displayed only when the master account with unified accounting sets <b>Save Bills of Unified Accounting Members to Yes</b> .

## 6.2.9 Bill Run for Pay-per-Use Resources

### Important Notes

The amounts for pay-per-use resources of the current month are only estimate. The accurate amounts will be displayed in the bill generated on the 3rd of the following month.

### Estimated Bill

Pay-per-use resources are billed by usage type, for example, cloud servers are billed by duration (hourly, daily, or monthly). The fees are updated after the billing cycle ends.

- Hourly: HUAWEI CLOUD calculates fees based on your hourly usage. For example, the fees incurred from 8:00 to 9:00 will be refreshed before 10:00.
- Daily: HUAWEI CLOUD calculates fees after 03:00 every day based on the usage for the previous day. For example, the fees incurred from 00:00:00 on May 11, 2021 to 00:00:00 on May 12, 2021 would be refreshed at around 03:00:00 on May 12, 2021.
- Monthly: HUAWEI CLOUD calculates fees at the beginning of each month based on the usage of the previous month. For example, the fees incurred from 00:00:00 on April 1, 2021 to 23:59:59 on April 30, 2021 would be refreshed at around 01:00:00 on May 1, 2021.

#### NOTE

The fees for resources billed by daily peak bandwidth are refreshed at about 16:00 every day based on the usage of the previous day. The fees for monthly-settled CDN services are refreshed at about 20:00 on the first day of the next month based on the usage for the previous month.

# 7 Tax Help

[7.1 Tax Help](#)

[7.2 Tax Notice](#)

## 7.1 Tax Help

Malaysia, Singapore, South Korea, India, South Africa, Morocco, United Arab Emirates, Bahrain, Mexico, Chile, Brazil, Egypt, Kenya, Cambodia, Vietnam, Japan, Thailand, Nigeria, Türkiye, Saudi Arabia, Philippines, Ethiopia, Mauritius, Papua New Guinea, Pakistan, and Indonesia have the following requirements on filling in tax-related information:

### Malaysia

Cross-border digital services provided by non-resident businesses to Malaysian customers should be subject to Malaysian Digital Services Tax ("DST"). Sparkoo Technologies Singapore Pte. It is required that Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") charge a DST of 6% on cloud services provided remotely to all Malaysian customers. We will issue invoices that reflect these taxes to you, and relevant tax amount will be displayed in your Billing Center. Singapore Sparkoo will remit all DST collected from Malaysian customers to the Malaysia tax authority.

From January 1, 2020, the supply of cross-border digital services by non-resident enterprises to Malaysia customers is subject to Malaysia Service Tax ("ST"). Due to the new legislation coming into effect from January 1, 2020, it is required that Huawei Services (Hong Kong) Co., Limited ("Huawei Services") charge an ST of 6% on cloud services provided remotely for all Malaysia customers. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services will remit all service tax collected from Malaysia customers to the Malaysia tax authority.

#### **Notice of Significant Tax Changes:**

**The Malaysia service tax rate on digital services will be increased to 8%, which will take effect from 1 March 2024.**

According to the latest SERVICE TAX (RATE OF DIGITAL SERVICES TAX) (AMENDMENT) ORDER 2024 published by Malaysian Second Minister of Finance

in 27 February 2024, the service tax rate on digital services provided by Foreign Registered Person will increase from 6% to 8%, effective from 01 March 2024. Facing the upcoming service tax rate increase on 1 March 2024, we have commenced preparing for the transitional period, based on the content of Service Tax (Rate of Digital Services Tax) (Amendment) Order 2024. (<https://mystods.customs.gov.my/>)

Please pay attention that this notice will be updated if the Malaysian tax authority published new transitional guidelines towards service tax changes.

## Singapore

Sparkoo Technologies Singapore Pte. Ltd. Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a GST-registered company in Singapore. The GST Registration Number is 202141109N. As announced by the Minister of Finance in the Singapore Budget 2022, the GST rates for Singapore will be increased from 7% to 8% with effect from 1 January 2023, and from 8% to 9% with effect from 1 January 2024. Based on the guidelines published by the IRAS in the GST e-Tax Guide "2024 GST Rate Change: A Guide for GST-registered Businesses (Second Edition)", Singapore Sparkoo have prepared the following proposed approaches. From January 1, 2024, It is required that Singapore Sparkoo charge a GST of 9% on cloud services provided remotely to all customers (including GST-registered and non-GST registered customers) in Singapore. We will issue invoices that reflect GST to you, and relevant tax amount will also appear in your Billing Center. All GST collected from Singapore customers will be paid to the Singapore Tax Authority.

Huawei Services (Hong Kong) Co., Ltd. ("Huawei Services") is a company incorporated in Hong Kong. From February 1, 2020, the supply of cross-border digital services by non-resident enterprises to Singapore non-business customers (which include individuals and businesses that are not registered for GST, regarded as "non-GST registered customers") is subject to Singapore Goods and Services Tax ("GST"). As announced by the Minister of Finance in the Singapore Budget 2022, the GST rates for Singapore will be increased from 7% to 8% with effect from 1 January 2023, and from 8% to 9% with effect from 1 January 2024. Based on the guidelines published by the IRAS in the GST e-Tax Guide "2024 GST Rate Change: A Guide for GST-registered Businesses (Second Edition)", Huawei Services have prepared the following proposed approaches. From January 1, 2024, it is required that Huawei Services charge GST of 9% on remote digital services provided to Singapore non-GST registered customers who have not acquired a GST registration number. All GST collected from Singapore non-GST registered customers will be paid to the Singapore Tax Authority. Huawei Services does not charge GST on services provided to Singapore GST-registered customers. We will issue invoices that reflect GST to you, and relevant tax amount will also appear in your Billing Center. Huawei Services relies on your taxable status in Singapore to determine your taxpayer identity. If you select GST Register and update tax-related information and Tax Identification Number (a 10-digit number and character string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not apply GST on your future purchases of services. If your Qualification Name is Non GST Register, Huawei Services will collect 9% GST and pay to the Singapore Tax Authority.

## South Korea

Sparkoo Technologies Singapore Pte. Ltd. Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a company incorporated in Singapore and has registered for VAT as oversea vender. All cloud services remotely provided by Singapore Sparkoo to South Korean customers (with no VAT registration number) will be subject to a 10% VAT. All VAT collected from South Korean customers will be paid to the South Korean tax authority. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Singapore Sparkoo does not charge VAT on cloud services provided for South Korean VAT registered customers. Singapore Sparkoo relies on your taxable status in South Korea to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Identification Number (a 10-digit numeric string, e.g. xxx-xx-xxxxx) in the HUAWEI CLOUD Official Website > Console > Account Center, Singapore Sparkoo will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register, Singapore Sparkoo will collect 10% VAT and remit to the South Korean Tax Authority.

Huawei Services (Hong Kong) Co., Ltd. ("Huawei Services") is a company incorporated in Hong Kong and has registered for VAT as oversea vender. All digital services remotely provided by Huawei Services for South Korean customers (with no VAT registration number) will be subject to a 10% VAT. All VAT collected from South Korean customers will be paid to the South Korean tax authority. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services does not charge VAT on digital services provided for South Korean VAT registered customers. Huawei Services relies on your taxable status in South Korea to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Identification Number (a 10-digit numeric string, e.g. xxx-xx-xxxxx) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Huawei Services will collect 10% VAT and pay to the South Korean Tax Authority.

Huawei Technologies (Korea) Co., Ltd. (Huawei Korea) is a VAT-registered company in South Korea. Huawei Korea is required to impose 10% value-added tax (VAT) on all cloud services provided to customers in South Korea. These taxes will be reflected in our invoice to you, and relevant tax amount will also appear in your Billing Center. All VAT collected from Korean customers will be paid to Korean tax authorities. If you are a VAT registrant, please ensure your VAT registration number (a 10-digit numeric string, e.g. xxx-xx-xxxxx) is maintained in your HUAWEI CLOUD account center. After you complete the maintenance, your VAT registration number will be displayed on tax invoices issued to you by Huawei Korea.

## India

From July 1, 2017, Service Tax, VAT and certain other taxes in India have been replaced with the Goods and Services Tax ("GST"). Now, all sales of cloud services made by Huawei Telecommunications (India) Company Private Limited ("Huawei India") to customers in India is subject to GST. Since Huawei India is based in the state of Haryana, it will charge SGST (9%) and CGST (9%) to customers in Haryana. Huawei India will charge IGST (18%) to customers located in other states. If you are using our services for business purposes and are registered for

Indian GST, please update your GSTIN in the account center. It is especially important that your State is selected correctly. This will allow us to provide you with correct tax invoices and will enable you to obtain a tax credit in accordance with local laws. Please check your billing and contact addresses to ensure that the information input is correct.

## South Africa

Huawei Services (Hong Kong) Co., Limited ("Huawei Services") is registered as a value-added tax vendor of the South African Revenue Service ("SARS") in accordance with the *Value-Added Tax Act 89 of 1991* of South Africa. From July 1, 2020, Huawei Services will collect a 15% VAT on electronic services sold to individuals (B2C) and enterprises (B2B) registered in South Africa. The value-added tax amount will be reflected on invoices. All value-added tax paid by customers in South Africa will be paid to SARS. If you are a VAT registrant of SARS, ensure that you have entered your VAT registration number in the account center of HUAWEI CLOUD. After you complete the entry, your VAT registration number will be displayed on tax invoices issued to you by Huawei Services.

## Morocco

From November 1, 2020, services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for Moroccan customers will be subject to a 20% VAT. All VAT collected from Moroccan customers will be paid to the Moroccan tax authority. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. To determine whether a customer is VAT registered and issue compliant notes, Huawei relies on your provision of a valid Moroccan VAT registration number. Therefore, if you are using HUAWEI CLOUD services for business purposes and are registered for Moroccan VAT, you need to update your VAT registration number in the account center to make sure that you can receive correct invoices.

## United Arab Emirates

SPARKOO TECHNOLOGIES - SOLE PROPRIETORSHIP L.L.C. ("UAE Sparkoo" for short) is a resident enterprise registered as a VAT taxpayer in the United Arab Emirates (UAE). The VAT registration number is 100453584300003. UAE Sparkoo will charge 5% VAT on cloud services from all UAE customers, regardless of whether you have registered and have not registered as a VAT taxpayer. UAE Sparkoo will issue tax invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. All VAT collected from the UAE customers will be paid to the UAE tax authority by UAE Sparkoo. If you are a customer who has registered a UAE VAT number, select VAT Register and update tax-related information and Tax Certificate Number (a 15-digit number) in the HUAWEI CLOUD Official Website > Console > Account Center. UAE Sparkoo will issue Tax Invoice to you. If you are a customer who has not registered a UAE VAT number, select Non VAT Register in the HUAWEI CLOUD Official Website > Console > Account Center. UAE Sparkoo will issue Simplified Tax Invoice to you.

Sparkoo Technologies Singapore Pte. Ltd. Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a GST-registered company in Singapore, and has been registered as a VAT taxpayer in the United Arab Emirates as an offshore supplier. Singapore Sparkoo will charge 5% VAT on all remotely provided cloud services



from the UAE customers who do not have UAE VAT TRN. Singapore Sparkoo will pay all VAT collected from the United Arab Emirates customers to the United Arab Emirates tax authority. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. For cloud services provided by Singapore Sparkoo, the customers (with VAT registered) in the United Arab Emirates need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by the United Arab Emirates. Singapore Sparkoo relies on your taxable status in the United Arab Emirates to determine your taxpayer identity. If you select VAT Register and update tax-related information and UAE VAT TRN (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Singapore Sparkoo will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Singapore Sparkoo will collect 5% VAT and remit to the United Arab Emirates Federal Tax Authority.

From June 1, 2020, Digital services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for customers (without UAE VAT TRN) in the United Arab Emirates will be subject to 5% VAT, which will be reflected on invoices and to be paid from Huawei Services to the United Arab Emirates tax authority. Customers (with UAE VAT TRN) in the United Arab Emirates for whom Huawei provides services need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by the United Arab Emirates. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services relies on your taxable status in United Arab Emirates to determine your taxpayer identity. If you select VAT Register and update tax-related information and UAE VAT TRN (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not apply VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Huawei Services will collect 5% VAT and pay to the United Arab Emirates Federal Tax Authority.

## Bahrain

From January 1, 2022, digital services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for Bahraini customers (without VAT registration number) will be subject to a 10% VAT, which will be paid from Huawei Services to the Bahrain tax authority. For digital services provided by Huawei Services, the customers (with VAT registration number) in the Bahrain need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by Bahrain. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services relies on your taxable status in Bahrain to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Identification Number (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register, Huawei Services will collect 10% VAT and pay to the Bahrain Tax Authority.

## Mexico

All cloud services sold by Huawei Technologies de México, S.A. de C.V. to customers in Mexico are subject to a value-added tax (VAT) of 16%. If you have

registered for Registro Federal de Contribuyentes (RFC) in Mexico, it is important that you update your RFC information in the account center. This will allow us to provide you with correct tax invoices and will enable you to obtain a tax credit in accordance with local laws. Please ensure that your bill and contact information is correct so that we can present the correct information on the tax invoices issued to you.

## Chile

From June 1, 2020, digital services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for customers who are not VAT taxpayers in Chile will be subject to 19% VAT. Huawei Services will pay all VAT collected from the Chilean customers to the Chile tax authority. For digital services provided by Huawei Services, the customers who are VAT taxpayers in Chile need to fulfill the tax obligations according to the tax laws and regulations in Chile. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services relies on your taxable status in Chile to determine your taxpayer identity. If you select VAT Register and update tax-related information and VAT register number (RUT) (a 9-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register, Huawei Services will collect 19% VAT and pay to the Chile Tax Authority.

## Brazil

Cloud services sold by Huawei do Brasil Telecomunicacoes Ltda. ("Huawei do Brasil") to Brazilian customers are subject to ISS and PIS/CONFINS. The ISS tax rate is determined by the city where the customer receives the service, and the PIS/CONFINS tax rate is 1.65% and 7.6% respectively. In addition, according to Brazil's tax laws and the LC Code for the procurement of cloud services, PCC and IRRF may also be involved. Generally, the PCC tax rate is 4.65% and the IRRF tax rate is 1.5%. If you are using our cloud services for business purposes and are registered for CNPJ, please maintain your CNPJ registration number in the account center. Check your bill address information to ensure that you have entered the state and city where you are located correctly. We will issue invoices to you based on the information you provide.

## Egypt

From May 1, 2021, services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for individual customers (without VAT registration number) in Egypt will be subject to a 14% VAT in accordance with Egypt's tax laws. The value-added tax amount will be reflected on invoices. Huawei will pay all VAT collected from individual Egypt customers to the Egyptian tax authority. Business customers (VAT registered) in Egypt for whom Huawei provides services need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by Egypt. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei relies on your provision of a valid VAT registration number to determine your taxpayer identity. If you are using HUAWEI CLOUD services for business purposes and are registered for Egyptian VAT, you need to register your VAT registration number in the account center to make sure that you are not

charged VAT. If you have uploaded a valid VAT registration number, Huawei will not apply VAT on your future purchases of taxable services.

## Kenya

Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo ") has registered a simplified VAT number in Kenya. It is required that Singapore Sparkoo charges a VAT of 16% on cloud services provided remotely for all Kenyan customers. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Singapore Sparkoo will remit all VAT collected from Kenyan customers to the Kenya Revenue Authority.

Effective July, 1, 2022, services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") to all Kenyan customers will be subject to a 16% VAT. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services will pay all VAT collected from Kenya customers to the Kenya tax authority.

## Cambodia

From April 1, 2022, services remotely provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services") for Cambodia customers will be subject to a 10% VAT. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei Service will pay all VAT collected from Cambodia customers to the Cambodia tax authority.

## Vietnam

From Jan 1, 2022, services provided by Huawei Services (Hong Kong) Co., Limited ("Huawei Services","Huawei Cloud") for Vietnam individual customers (Certificate of Incorporation not registered) will be subject to a 5% VAT. We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei Services will pay all VAT collected from Vietnam individual customers to the Vietnam Tax Authority. Business customers (Certificate of Incorporation registered) in Vietnam for whom Huawei Services provides services need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by Vietnam. Huawei Services relies on your taxable status in Vietnam to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Identification Number (a 10-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not apply VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Huawei Services will collect 5% VAT and pay to the Vietnam Tax Authority.

## Japan

Sparkoo Technologies Singapore Pte. Ltd. Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") registered the Japanese legal entity number on December 14, 2023. From January 1, 2024, digital services remotely provided by Singapore Sparkoo for all Japanese customers will be subject to a 10% VAT. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Singapore Sparkoo will pay all VAT collected from Japanese customers to the Japan tax authority.

Huawei Services (Hong Kong) Co., Limited ("Huawei Services") registered the Japanese legal entity number on December 14, 2022, with the legal entity number 7700150113391. (The VAT Registration No. T7700150113391 will be issued soon.) From January 1, 2023, digital services remotely provided by Huawei Services for all Japanese customers will be subject to a 10% VAT. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Huawei Service will pay all VAT collected from Japanese customers to the Japan tax authority.

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident and has Tax Residency Certificate, you can apply for the preferential withholding tax rate (0%) per tax treaty between the Japan and Singapore.

TRC link: [Singapore-Services-TRC-JP.PDF](#)

## Thailand

Sparkoo Technologies Thailand Co., Limited ("Thailand Sparkoo") is a VAT-registered company in Thailand. The VAT Registration Number is 0105565047713. Cloud services remotely provided by Thailand Sparkoo for all Thai customers will be subject to a 7% VAT. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Thailand Sparkoo will pay all VAT collected from Thailand customer to the Thailand Revenue Department. If you are a customer who has registered a Thailand VAT tax ID, please select VAT Register and update tax-related information and Tax Identification Number (a 13 digits and cannot be consecutive (1234...)) in the HUAWEI CLOUD Official Website > Console > Account Center. If you are a customer who has not registered a Thailand VAT number, please select NON-VAT Register in the HUAWEI CLOUD Official Website > Console > Account Center. This information is reflected in the invoice we issue to you.

On the HUAWEI CLOUD official website, choose **Console > My Account**. If the company is a head office, set **Institution Type** to **Head Office**. If the company is a branch, set **Institution Type** to **Branch XXXXX**, in which XXXXX specifies the sequence of VAT taxpayers registered with the Thailand tax authority, for example, **Branch 00001**.

Huawei Services (Hong Kong) Co., Limited ("Huawei Service") is a resident enterprise established in Hong Kong. As a non-resident cloud service provider in Thailand, we provide remote cloud services to Thai customers. We have registered as a VAT registrant in Thailand as Non-resident. According to The Revenue Code Amendment Act (No.53) B.E. 2564 (2021), Huawei Service will not charge VAT to Thailand VAT register Customer, if following 2 condition is satisfied, Thailand VAT register Customer have to report and pay VAT by form PP36: (1) Non-resident electronic service providers and electronic platforms have information determining that the customer is a VAT registrant; (2) The customer has informed non-resident electronic service providers and electronic platforms about their VAT registration number. Huawei Service will charge Thailand VAT when providing remote cloud service to Non-VAT register customer in Thailand. All VAT collected from Thailand non-VAT registrants will be paid to the Thailand Revenue Department. We will issue invoices that reflect VAT to you, and relevant tax amount will also appear in your Billing Center.

Huawei Services relies on your taxable status in Thailand to determine your taxpayer identity. If you select VAT Register and update tax-related information

and Tax Identification Number (a 13-digit number and cannot be consecutive (1234...)) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not apply VAT on your future purchases of services. If your Qualification Name is Non-VAT Register or you have not selected any Qualification Name, Huawei Services will collect 7% VAT and pay to the Thailand Revenue Department.

## Nigeria

Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a GST-registered company in Singapore, and has been registered as a VAT taxpayer in the Nigeria as an offshore supplier. Singapore Sparkoo charges a VAT of 7.5% on cloud services provided remotely to all Nigerian customers. We will issue invoices that reflect these taxes to you, and relevant tax amount will be displayed in your Billing Center. Singapore Sparkoo will remit all VAT collected from Nigerian customers to the Nigerian Tax Authority.

## Türkiye

Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a company incorporated in Singapore and has registered as Special VAT Registration for Electronic Service Providers with VAT registration number 7811044640. As announced by the Presidential Decision Numbered 7346, published in the Official Gazette dated 07.07.2023 and Numbered 32241, the Value Added Tax ("VAT") rates for Türkiye are increased from 18% to 20% with effect from 10 July 2023. According to the announcement, all invoices issued by Singapore Sparkoo to its non-VAT registered customers in Türkiye starting from 10 July (including 10th July) 2023 will increase from 18% to 20%. All VAT collected from Turkish customers will be paid to the Turkish tax authorities. These taxes will be reflected in our invoice to you and the amount will be displayed in your Billing Center. Singapore Sparkoo provides cloud services to customers who have registered as VAT taxpayers in Türkiye. Customers must declare and pay VAT according to the requirements of Reverse Charge rules in Türkiye. Singapore Sparkoo relies on your tax qualification in Türkiye to determine your tax status. If you have selected VAT Register as the qualification name on the Huawei Cloud official website, choose Console > Account Center, and uploaded a valid qualification certificate and Tax Identification Number (a string of 10 digits), Sparkoo will not charge VAT for your future taxable services. If your qualification name is Non VAT Register or you have not selected any Qualification Name, Singapore Sparkoo's invoices will include 20% VAT from 10th July, 2023 onwards and pay it to the Turkish Tax Authority.

Huawei Services (Hong Kong) Co., Limited ("Huawei Services") is a company incorporated in Hong Kong and has registered Special VAT Registration for Electronic Service Providers. All cloud services remotely provided by Huawei Services to Turkish customers (with no VAT registration number) will be subject to a 20% VAT. All VAT collected from Turkish customers will be paid to the Turkish tax authorities. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. For cloud services provided by Huawei Services, the customers (with VAT registered) in the Türkiye need to file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by the Türkiye. Huawei Services relies on your taxable status in Türkiye to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Identification Number (a 10-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei

Services will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Huawei Services will collect 20% VAT and remit to the Turkish Tax Authority.

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident and has Tax Residency Certificate, you can apply for the preferential withholding tax rate (0%) per tax treaty between Türkiye and Singapore.

TRC link: [Singapore-Services-TRC-Türkiye.pdf](#)

## Saudi Arabia

Sparkoo Technologies Arabia Co., Ltd. ("Saudi Sparkoo") is a VAT-registered company in Saudi Arabia. The VAT Registration Number is 311241898900003. Cloud services provided by Saudi Sparkoo for all Saudi customers (including VAT Registered and Non VAT Registered customers) will be subject to a 15% VAT. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Saudi Sparkoo will pay all VAT collected from Saudi customer to Zakat, Tax and Customs Authority. If you are a customer who has registered a Saudi VAT Tax Certificate, please select VAT Register and update tax-related information and Tax Registration Number (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Saudi Sparkoo will issue a Tax Invoice to you. If you are a customer who has not registered a Saudi VAT Tax Certificate, please select NON-VAT Register in the HUAWEI CLOUD Official Website > Console > Account Center, Saudi Sparkoo will issue a Simplified Tax Invoice to you.

Sparkoo Technologies Singapore Pte. Ltd. ("Singapore Sparkoo") is a GST-registered company incorporated in Singapore, and has been registered as a VAT taxpayer in Saudi Arabia as an offshore supplier. All cloud services remotely provided by Singapore Sparkoo to Saudi Arabia customers (without VAT registration number) will be subject to a 15% VAT. All VAT collected from Saudi Arabia customers will be paid to the Zakat, Tax and Customs Authority. We will issue invoices that reflect these taxes to you, and the relevant tax amount will also appear in your Billing Center. For cloud services provided by Singapore Sparkoo, the customers (with VAT registered) in Saudi Arabia need to self account and file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by Saudi Arabia. Singapore Sparkoo relies on your taxable status in Saudi Arabia to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Registration Number (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Singapore Sparkoo will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Singapore Sparkoo will collect 15% VAT and remit to the Zakat, Tax and Customs Authority.

Huawei Services (Hong Kong) Co., Ltd. ("Huawei Services") is a company incorporated in Hong Kong, and has been registered as a VAT taxpayer in Saudi Arabia as an offshore supplier. All cloud services remotely provided by Huawei Services for Saudi Arabia customers (without VAT registration number) will be subject to a 15% VAT. All VAT collected from Saudi Arabia customers will be paid to the Zakat, Tax and Customs Authority. We will issue invoices that reflect these taxes to you, and the relevant tax amount will also appear in your Billing Center.

For cloud services provided by Huawei Services, the customers (with VAT registered) in Saudi Arabia need to self account and file tax returns by themselves in accordance with the Reverse Charge Mechanism implemented by Saudi Arabia. Huawei Services relies on your taxable status in Saudi Arabia to determine your taxpayer identity. If you select VAT Register and update tax-related information and Tax Registration Number (a 15-digit numeric string) in the HUAWEI CLOUD Official Website > Console > Account Center, Huawei Services will not levy VAT on your future purchases of taxable services. If your Qualification Name is Non VAT Register or you have not selected any Qualification Name, Huawei Services will collect 15% VAT and pay to the Zakat, Tax and Customs Authority.

## The Philippines

Huawei Technologies Phils. Inc. (Huawei Philippines) is a VAT-registered company in Philippines. Huawei Philippines is required to impose 12% value-added tax (VAT) on all cloud services provided to customers in Philippines. These taxes will be reflected in our invoice to you, and relevant tax amount will also appear in your Billing Center. All VAT collected from Philippines' customers will be paid to Philippine tax authorities. If you are a VAT registrant, please ensure your VAT registration number (a 12-digit numeric string, e.g. 123-456-789-101) is maintained in your HUAWEI CLOUD account center. After you complete the maintenance, your VAT registration number will be displayed on tax invoices issued to you by Huawei Philippines.

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident and has Tax Residency Certificate, you can apply for the preferential withholding tax rate (0%) per tax treaty between the Philippines and Singapore.

TRC link: [Singapore-Services-TRC-PHP.PDF](#)

## Ethiopia

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident and has Tax Residency Certificate, you can apply for the preferential withholding tax rate (0%) per tax treaty between the Ethiopia and Singapore.

TRC link: [Singapore-Services-TRC-Ethiopia.pdf](#)

## Mauritius

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident, you can apply for the preferential withholding tax rate (0%) per tax treaty between the Mauritius and Singapore.

## Papua New Guinea

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident, you can apply for the preferential withholding tax rate (0%) per tax treaty between the Papua New Guinea and Singapore.

## Pakistan

For example, if the service fee is \$100 USD and withholding tax rate is 10%, you need to withhold 10% of the service fee \$100 USD (DST excluded) and pay \$10 USD to competent tax authorities. As our invoice is issued \$113 USD in total including 13% Sale Service Tax charged by the Sindhi customer, you only need to pay net amount of \$103 USD to HUAWEI CLOUD calculated as "100 - 10 (WHT) + 13 (SST)" and provide us the corresponding withholding tax payment certificate within 60 days after withholding tax return.

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity ("Singapore Sparkoo") is a Singapore tax resident, you can apply for the preferential withholding tax rate (i.e. 10% for royalty and technical fee) per tax treaty between Pakistan and Singapore.

The example above is for reference only. The actual tax rate or amount may vary according to territories and products.

## Indonesia

Huawei Services (Hong Kong) Co., Ltd. ("Huawei Services") is a company incorporated in Hong Kong and have been appointed as the e-Commerce VAT Collector in Indonesia. From December 1, 2024, services remotely provided by Huawei Services (Hong Kong) Co., Limited. ("Huawei service") for Indonesia customers will be subject to a 11% VAT (If the VAT rate in Indonesia changes, the collect VAT rate will change accordingly). We will issue invoices that reflect these changes to you, and relevant tax amount will also appear in your Billing Center. Huawei service will pay all VAT collected from Indonesia customers to the Indonesia tax authority. If you are a VAT registrant of Indonesia, ensure that you have entered your VAT registration number in the account center of HUAWEI CLOUD. After you complete the entry, your VAT registration number will be displayed on tax invoices issued to you by Huawei service.

PT Sparkoo Technologies Indonesia ("Sparkoo Indonesia") is a VAT-registered company in Indonesia. The NPWP is 63.785.526.3-014.000. Cloud services provided by Sparkoo Indonesia for all Indonesia customers (including VAT Registered and Non VAT Registered customers) will be subject to an 11% VAT. We will issue invoices that reflect these taxes to you, and relevant tax amount will also appear in your Billing Center. Sparkoo Indonesia will pay all VAT collected from Indonesia customer to Indonesia tax office. If you are a customer who has not registered an Indonesia VAT tax ID, choose Console > Account Center on the HUAWEI CLOUD official website and select "Non VAT Register" for your tax qualification, and upload your individual NPWP tax ID (a 15-digit numeric string, for example XX.XXX.XXX.X-XXX.XXX) or NIK number (a 15-digit numeric string ID number, for example XXXXXXXXXXXXXXXXX). If you have registered an Indonesian VAT tax ID and are designated as VAT collector by the Indonesian tax authorities, choose Console > Account Center on the HUAWEI CLOUD official website and select "VAT Register-VAT collector" for your tax qualification, and upload a valid qualification certificate and NPWP tax ID (a 15-digit numeric string, for example XX.XXX.XXX.X-XXX.XXX). Sparkoo Indonesia will issue a tax invoice starting with "030". If you are a customer who has registered an Indonesian VAT tax ID but has not been designated as VAT collector by the Indonesian tax authorities, choose Console > Account Center on the HUAWEI CLOUD official website, select "VAT Register-NON VAT collector" for the tax qualification, and upload NPWP tax ID (a 15-digit



numeric string, for example XX.XXX.XXX.X-XXX.XXX). Sparkoo Indonesia will issue you a Tax Invoice with the invoice number starting with "010".

You can refer to the following guidelines to select a qualification: If you are a customer who has registered an Indonesian VAT tax ID and are in the following company list, you are a "VAT Register-VAT Collector"; If you are not on the company list below, you are a "VAT Register-NON VAT Collector".

List of companies designated by Indonesian tax authorities as "VAT collector": Click [here](#) to view the details.

You can also consult your tax team for VAT tax qualifications. Sparkoo Indonesia will issue different tax invoices based on your selection. Please select accurately.

If you are a "VAT Register-VAT Collector", you will need to pay VAT directly to the Indonesian tax authorities and provide us with a certificate for withholding VAT payment within 30 days. Please send the soft copy of the VAT certificate issued by the Indonesian tax authorities to [sparkooid@huaweicloud.com](mailto:sparkooid@huaweicloud.com).

Indonesia withholding tax:

The prices of HUAWEI CLOUD and HUAWEI CLOUD KooGallery services include the withholding tax. When you pay us for HUAWEI CLOUD and HUAWEI CLOUD KooGallery expenditures generated on or after this date, according to the Indonesia tax laws, you should withhold/deduct and pay the withholding tax to competent tax authorities, provide a valid withholding tax payment certificate to us.

For example, if the service fee is \$100 USD and withholding tax rate is 2%, you need to withhold 2% of the service fee \$100 USD (VAT excluded) and pay \$2 USD to competent tax authorities. As our invoice is issued \$111 USD in total including 11% VAT, you only need to pay net amount of \$109 USD to HUAWEI CLOUD calculated as "100 - 2 (WHT) + 11 (VAT)" and provide us the corresponding withholding tax payment certificate within 60 days after withholding tax return.

The example above is for reference only. The actual tax rate or amount may vary according to territories and products. If you have any questions, please submit a service ticket to us.

Email the soft copy of withholding tax payment certificate issued by the tax authority to [sparkooid@huaweicloud.com](mailto:sparkooid@huaweicloud.com).

## 7.2 Tax Notice

### Tax Clause

According to the tax laws in Malaysia and Kenya, HUAWEI CLOUD updated some clauses in the *HUAWEI CLOUD Customer Agreement* and *Huawei Cloud KooGallery Terms* on November 1, 2021, 00:00:00 (GMT+08:00). Major changes are as follows:

- The prices of HUAWEI CLOUD and HUAWEI CLOUD KooGallery services did not include withholding tax before November 1, 2021, 00:00:00 (GMT+08:00). You need to make an extra payment for the withholding tax to competent tax authorities if it is required by the tax laws.

- Since November 1, 2021, 00:00:00 (GMT+08:00), the prices of HUAWEI CLOUD and HUAWEI CLOUD KooGallery services include the withholding tax. When you pay us for HUAWEI CLOUD and HUAWEI CLOUD KooGallery expenditures generated on or after this date, you should withhold/deduct and pay the withholding tax to competent tax authorities, provide a valid withholding tax payment certificate to us, according to the local tax laws and applicable tax treaties and practices.

For example, if the service fee is \$100 USD and withholding tax rate is 8%, you need to withhold 8% of the service fee \$100 USD (service tax excluded) and pay \$8 USD to competent tax authorities. As our invoice is issued \$108 USD in total including 8% Service Tax on Digital Service charged by the Royal Malaysian Customs, you only need to pay net amount of \$100 USD to HUAWEI CLOUD calculated as "100 - 8 (WHT) + 8 (service tax)" and provide us the corresponding withholding tax payment certificate within 60 days after withholding tax return. Please note that if your signing entity is Sparkoo Technologies Singapore Pte. Ltd., as the HUAWEI CLOUD entity is a Singapore tax resident and has Tax Residency Certificate, you can apply for the preferential withholding tax rate (i.e. 8% for royalty, 5% for technical fee) per tax treaty between Malaysia and Singapore.

The example above is for reference only. The actual tax rate or amount may vary according to territories and products. If you have any questions, please submit a [service ticket](#) to us.

## Links to the Updated Agreements on the HUAWEI CLOUD Official Website

[HUAWEI CLOUD Customer Agreement](#)

[Huawei Cloud KooGallery Terms](#)

## VAT Registration Certificate

Sparkoo Technologies Arabia Co., Ltd. is a VAT-registered company in Saudi Arabia. The VAT Registration Number is 311241898900003. VAT Registration Certificate link: [VAT Registration Certificate\\_Sparkoo Technologies Arabia Co., Ltd](#)

## Tax Resident Certificate (TRC) and Delivery Addresses for Withholding Tax Payment Certificate

As the HUAWEI CLOUD entity is a Hong Kong (China) resident, you can download and use the Tax Resident Certificate (TRC) to apply for the preferential tax rate per tax treaties. TRC link: [HK Services TRC - Malaysia](#).

If your signing entity is Sparkoo Technologies Singapore Pte. Ltd. and as the HUAWEI CLOUD entity is a Singapore resident, you can download and use the Tax Resident Certificate (TRC) to apply for the preferential tax rate per tax treaties. TRC link: [Singapore Services TRC - Malaysia](#).

If you are a Malaysian user, please:

1. Email 1) the soft copy of withholding tax payment certificate issued by the tax authority and 2) corresponding invoice and exchange rate information related to the withholding tax payment certificate to [chong.soo.ken@huawei.com](mailto:chong.soo.ken@huawei.com).

2. Post the withholding tax payment certificate issued by the tax authority to the following address:

Chong Soo Ken

Sparkoo Technologies (Malaysia) Sdn. Bhd.

Suite 32-01, Level 32, Integra Tower, The Intermark, 348, Jalan, Kuala Lumpur,  
Malaysia

If you are a Kenyan user, please provide the following email address to your competent tax authority for them to send us the withholding tax payment certificate: KENYAITAX1351@HUAWEI.COM.

# 8 Coupons and Discounts

---

[8.1 Cash Coupons](#)

[8.2 Commercial Discounts](#)

## 8.1 Cash Coupons

### 8.1.1 Introduction

HUAWEI CLOUD cash coupons are provided for customers and partners. They have a certain face value, and can be used to deduct cash payments when purchasing HUAWEI CLOUD services.

### 8.1.2 Cash Coupon Usage Limits

In this section, you can learn about usage limits of cash coupons.

#### Usage Limits

- **Validity period:** A cash coupon has a validity period. Wait until a cash coupon takes effect and then you can use it. Expired cash coupons cannot be used.
- **Applicable product:** Cash coupons apply to a limited product scope (either the product type or product specifications).
- **Applicable regions:** A cash coupon may be used only for products in a certain cloud service region. For some partner nodes, you need to specify the regions where using a cash coupon.
- **Billing mode:** There is a restriction on the billing mode of cash coupons. Each cash coupon is marked with its applicable billing mode. For example, "monthly and pay-per-use" indicates the cash coupon can only be used to purchase monthly products and deduct pay-per-use product fees. You cannot use this cash coupon to buy products of other billing modes (such as 1-year, 2-year, and 3-year).
- **Multiple deductions:** After a cash coupon has been used to pay an order and still has a balance, the balance can be used for other payments within the validity period of the cash coupon.

- **Write-off:** Cash coupons cannot be applied to any generated bills.
- **Other limits:** Cash coupons **cannot** be used with discount coupons. Whether a cash coupon can be used with commercial discounts, partner authorized discounts, or promotional discounts depends on its specific usage limits.




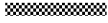




## Example

The following is an example to show you the usage limits of a cash coupon specifically.

### NOTE

You can click the name of a cash coupon to view its detailed usage limits on the [Coupons](#) page in the Billing Center.

test001

 Available	Remaining Value \$1.00 USD (Total Coupon Value\$1.00 USD)	 Validity Period Mar 14, 2023 16:35:09 ~Jul 31, 2023 23:59:59
 Applicable To	not usable for ZDQ3 Demo Service, Usable for HUAWEI CLOU... <a href="#">Show more</a>	Coupon ID: 
 Subscribe type	unlimited	Type Cash Coupon
 Regions	Langfang IDC, CN East-Shanghai2, CN South-Guangz... <a href="#">Show more</a>	 Billing Mode 1- to 4-year subscription; month subscription; pay-per-use; one-time payment
 Other limits	exclusive to discount coupons	

1. The validity period of the cash coupon is from March 14, 2023 16:35:09 GMT +08:00 to July 31, 2023 23:59:59 GMT+08:00.
2. This cash coupon can be used to purchase Huawei Cloud products except for hardware products.
3. This cash coupon is not limited in subscription type.
4. This cash coupon can be used only when you purchase products in specific regions such as Langfang IDC and CN East Shanghai2.
5. This cash coupon can be used to purchase yearly (1-, 2-, 3-, or 4-year subscription), monthly, pay-per-use, and one-off products.
6. This cash coupon cannot be used with discount coupons.

## 8.1.3 Activating Cash Coupons

You can use a 16-digit activation code that you get offline to activate cash coupons on the [Coupons](#) page in the Billing Center.

### NOTE

Only unused activation codes can be used to activate corresponding cash coupons. These codes are obtained from account managers or other channels offline.

Cash coupons that you get from the HUAWEI CLOUD official website online (including those issued automatically by the system) do not need to be activated.

## Procedure

- Step 1** Go to the [Coupons](#) page
- Step 2** Click **Activate Coupon** in the upper right corner.
- Step 3** Next to **Activation Code**, enter the activation code and then click **Activate**.

Billing Center / Coupons / Activate Coupon

1. Enter a coupon activation code to use it in HUAWEI CLOUD. Only physical coupons need to be entered below. Digitally acquired coupons will be automatically deposited into your account.  
2. For more information, see [How to Get and Use Coupons?](#)

\* Activation Code:  -  -  -

#### NOTE

You can view successfully activated cash coupons in the cash coupon list on the [Coupons](#) page.

----End

## 8.1.4 Viewing Cash Coupons

After getting a cash coupon, you can view its validity period, face value, usage limits, and usage record on the [Coupons](#) page in the Billing Center.

### Procedure



**Step 1** Go to the [Coupons](#) page

**Step 2** In the cash coupon list, view the balance, validity period, and usage limits.

Coupons [Activate Coupon](#) [Help Center](#)

1. Cash coupons can only be used to purchase products in HUAWEI CLOUD. They cannot be used on the Marketplace.  
2. Yearly/monthly coupons can only be used to pay for recurring subscriptions, and pay-per-use coupons can only be used on products charged on a pay-per-use basis. Applicable cash coupons (excluding cash coupons that cannot be used with commercial discounts) will be used preferentially over existing account balance when pay-per-use fees are incurred.  
3. Member accounts associated with an enterprise master account for unified management are not eligible for cash coupons under the master account.

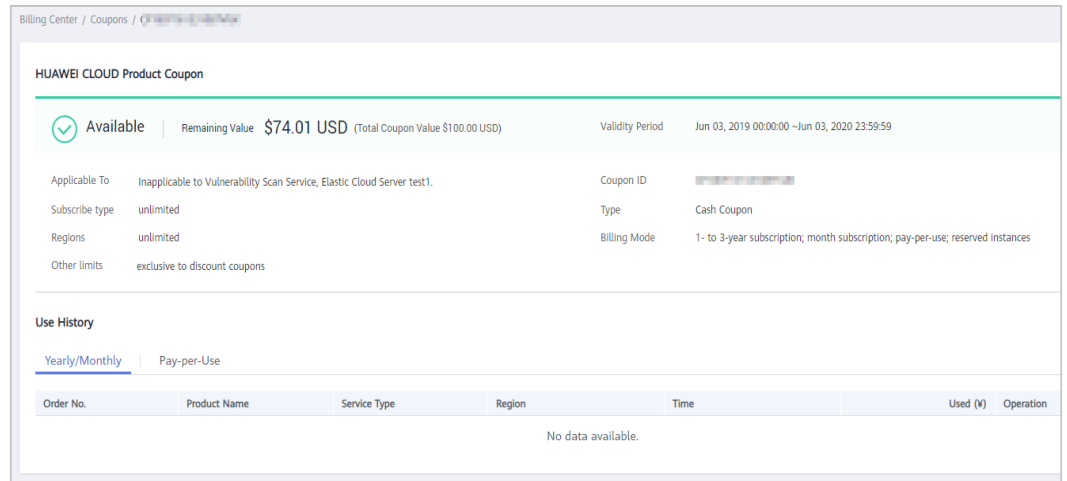
**Available(2)**   Total Credit Available: \$8.61 USD More ▾

Cash CouponsID	Balance (USD)	Face Value (USD)	Minimum Order	Validity Period	Products	Billing Mode	Remarks
	3.61	4.00	No limit	Mar 14, 2022 00:00:00 Jan 31, 2023 23:59:59	usable for specific products; cannot	1- to 5-year ...	exclusive to discount coupons
	5.00	5.00	min. \$4000.00 USD	Feb 18, 2022 00:00:00 Jan 31, 2023 23:59:59	usable for specific products; cannot	1- to 5-year ...	exclusive to discount coupons

- In the button group above the list, select the status of cash coupons: **Available**, **Used**, or **Expired**.

#### NOTE

- Cash coupons with **Available** status are displayed by default. If you cannot see the cash coupon you want, it might be used or expired.
- Click the name of a cash coupon. On the cash coupon details page that is displayed, view the detailed information and usage records of the cash coupon.



----End

## 8.1.5 How Do I Get and Use Cash Coupons?

After getting a cash coupon, you can use it to pay for a cloud service as required.

### Important Notes

- Cash coupons must be used within limits. You can go to the [Coupons](#) page in the Billing Center to view the usage limits of a cash coupon. For details about what these usage limits mean, see [Cash Coupon Usage Limits](#).
- You cannot withdraw money from, transfer, or request invoices for cash coupons.
- You cannot use cash coupons to clear existing arrears.
- If both discounts and cash coupons are applicable, discounts are used first.
- Cash coupons will not be refunded in case of resource unsubscriptions or specification downgrades.

#### NOTE

However, if you unsubscribe from resources that failed to be provisioned or from a renewal period that has not taken effect, cash coupons are refunded.

## Getting Cash Coupons

Cash coupons can be obtained in either of the following ways:

- Online: Cash coupons obtained from the HUAWEI CLOUD official website, including those automatically issued to you by HUAWEI CLOUD and those you collect. When coupons are issued on the HUAWEI CLOUD official website, eligible customers can go to the promotional event page and obtain available coupons. Cash coupons obtained online can be used directly without being activated.
- Offline: Cash coupons (with a 16-digit activation code) obtained from the account manager or via other channels. You need to go to the **Coupons and Discounts > Cash Coupons** page of the Billing Center to activate these coupons before using them. For details about how to activate cash coupons, see [8.1.3 Activating Cash Coupons](#).

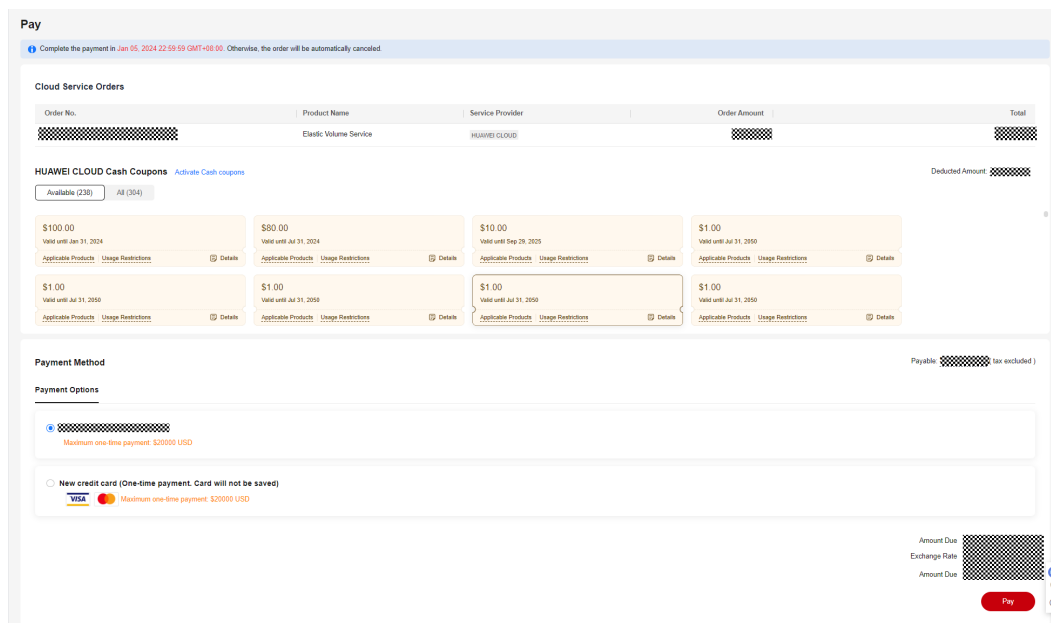
## Using Cash Coupons

- **Purchasing prepaid products** (such as yearly/monthly/one-off products and the prepaid part of reserved instance products):

Select a cash coupon on the order payment page. (Only one cash coupon can be used.)

### NOTE

The system automatically presents all applicable cash coupons. If no cash coupons are presented on the order payment page, no cash coupons under your account can be used.



- **Purchasing postpaid products** (such as pay-per-use products and the postpaid part of reserved instance products):
  - For **postpayment customers** whose bills are settled monthly, coupons are automatically used when the bill of a month is generated on the third day of the following month.

### NOTE

If there are applicable valid cash coupons available for the month when a postpaid product is used, those coupons will be automatically applied to pay for the bill, and multiple cash coupons can be used in a single transaction.

- For **prepayment customers**, cash coupons are automatically used in nearly real time.

### NOTE

If there are applicable valid cash coupons available for a pay-per-use product in use, those coupons will be automatically applied to pay for the bill.

## 8.2 Commercial Discounts



## 8.2.1 Viewing Commercial Discounts

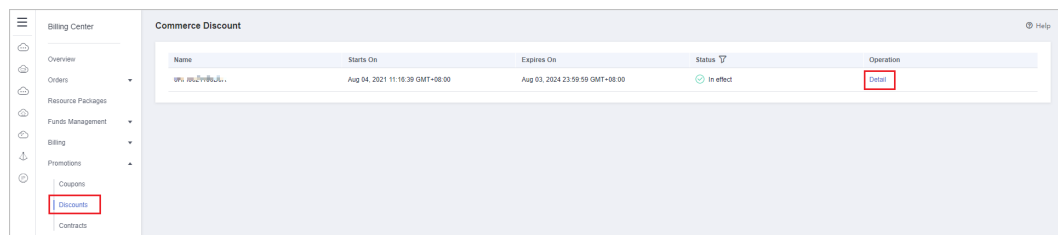
A commercial discount can be used in a payment. You can view commercial discounts on the [Commercial Discounts](#) page.

### Precautions

Commercial discounts cannot be used with any of partner authorized discounts, promotional discounts, discount coupons, special-offer contract discounts, and partner adjusted prices.

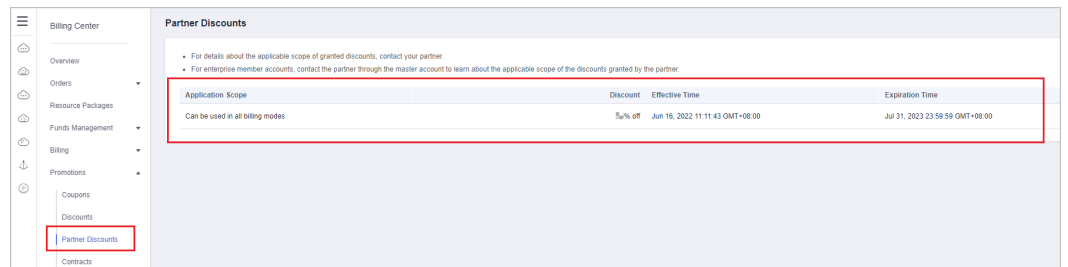
### Procedure

**Step 1** Go to the [Commercial Discounts](#) page.



### NOTE

Referral customers can go to the [Discounts Granted by Partners](#) page to view the partner authorized discounts. Partner authorized discounts can be used for periodic products (excluding those billed on a 2-year or longer basis and part of those billed on a yearly basis), pay-per-use package products, and pay-per-use products.



**Step 2** Click **Details** in the **Operation** column for a commercial discount to view its details.

Commerce Discount / Commerce Discount Details

✓ In effect Starts On: Aug 04, 2021 11:16:39 GMT+08:00 Expires On: Aug 03, 2024 23:59:59 GMT+08:00

Huawei Cloud

Region: Langfang IDC | CN Northeast-Dalian | CN East-Shanghai2 | CN South-Guangzhou | EU-Parisold | CN North-Ulanqab3 | CN North-Beijing4 | EU-Paris | NA-Atlanta | CN Northwest-BPIT1 | CN Central-BPIT1 | AF-Johannesburg ...  
[More >](#)

**Product Category Discounts**

Cloud Service Type	Billing Mode	Discount	Validity Period
No data available.			

**Product Discounts**

Product Category	Region	Specifications	Billing Mode	Billing Currency	Discount Type	Discount	Validity Period	purchased items:	Quotation Line Scen...
Elastic Volume Service	CN East-Shanghai2	Ultra-High IO	Monthly	Dolar/GB	Fixed price	\$4.19 USD	Aug 04, 2021 11:16:39 ...	1	--

-----End

# 9 Invoices Management

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[9.1 Issuing an Invoice](#)

[9.2 Returning an Invoice](#)

[9.3 How Do I Manage the Withholding Tax \(WHT\) Certificate?](#)

[9.4 Setting Emails to Receive Invoices](#)

## 9.1 Issuing an Invoice

Huawei Cloud automatically issues invoices for your expenditures.

### Precautions

You do not need to request invoices. Huawei Cloud issues them automatically.

Invoices for postpaid customers are issued based on available bills (which are usually generated on the third day of each month).

Invoices for enterprise member accounts are issued by their master account, not Huawei Cloud.

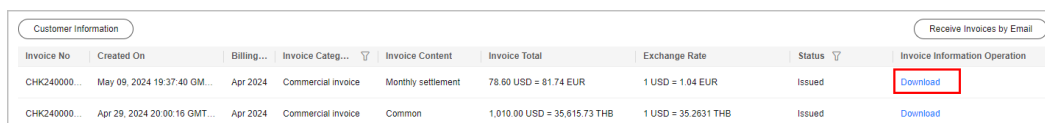
Invoices for reseller customers cannot be issued automatically. Please contact your associated partner to request these invoices.

The invoice types are as follows:

- Subscriptions: After a customer pays for an order online, Huawei Cloud issues an invoice.
- Monthly settlement: After generating a bill on the third day of each month, Huawei Cloud issues an invoice. This transaction is applied when a customer uses Cloud services and then is billed at the end of the month. For details about monthly settlement, see [Monthly Settlement](#).
- Common transactions: After a customer tops up or withdraws money from a top-up account, Huawei Cloud issues an invoice (credit memos for withdrawals).

## Procedure

- Step 1** Go to the [Invoices](#) page.
- Step 2** Click **Customer Information**.
- Step 3** Add your customer information.
1. Click **Add Customer Information**.
  2. Add your email and address, and click **OK**.
- Step 4** After you make a payment, Huawei Cloud automatically generates an invoice. You can click **Download** to download an electronic copy.



Invoice No	Created On	Billing...	Invoice Categ...	Invoice Content	Invoice Total	Exchange Rate	Status	Invoice Information Operation
CHK240000...	May 09, 2024 19:37:40 GM...	Apr 2024	Commercial Invoice	Monthly settlement	78.60 USD = 81.74 EUR	1 USD = 1.04 EUR	Issued	<a href="#">Download</a>
CHK240000...	Apr 29, 2024 20:00:16 GMT...	Apr 2024	Commercial Invoice	Common	1,010.00 USD = 35,615.73 THB	1 USD = 35.2631 THB	Issued	<a href="#">Download</a>

----End

## Tax Identification Number Setting

Enterprise customers must specify their Tax Identification Numbers (TINs) before requesting invoices. For details about the rules for specifying a TIN, see [Identification Numbers Collected by Huawei Cloud](#).

## 9.2 Returning an Invoice

After you perform operations such as unsubscription and money withdrawal, you do not need to manually return your invoice. Instead, HUAWEI CLOUD will automatically issue you a credit memo.

## 9.3 How Do I Manage the Withholding Tax (WHT) Certificate?

On the Billing Center, you can manage your WHT certificates or receipts. After you have withheld taxes as required and obtained a WHT certificate issued by the tax authority, you can submit the certificate on the Huawei Cloud official website and follow up the certificate processing flow.

### Precautions

- The WHT certificate management function is available only to customers below.

Registered In	Signing Entity
Malaysia	Sparkoo Technologies Singapore Pte. Ltd.
Thailand	Sparkoo Technologies (Thailand) Co., Ltd.

- Huawei Cloud only displays the invoices issued after the function is launched or after the invoiced amount include the WHT amount in your country/region. If there are no expected invoices, submit a service ticket.

## Procedure

- Step 1** Go to the [Invoices](#) page.
- Step 2** Click **Withholding Tax Certificates**.
- Step 3** On the displayed page, click **Upload WHT Certificate**.
- Step 4** On the displayed page, specify the fields and click **Submit**.

Withholding Tax Certificates / Upload WHT Certificate

\* Certificate Code  If there is no code in your WHT certificate or receipt, [click here](#) to generate a code.

\* Certificate Date

\* Certificate Amount

\* Select Invoices

Invoice No.	Issued	Total Invoice Amount (Inclu...	Total Invoice Amount (Excl...	Certificate Amount (Certific...	Certificate Amount (Payment Ci	Operation
<input type="text"/>	Apr 12, 2024 00:00:00 GMT+...	220 USD	200 USD	<input type="text" value="220"/> USD	<input type="text" value="220"/> USD	<a href="#">Delete</a>

\* Attachment   
The file can be in JPEG, PNG, GIF, or PDF format and cannot exceed 10 MB. You are advised to compress all files into a .ZIP package and upload it if there are any.

Remarks

Field	Description
Certificate Code	Specify the code in the WHT certificate. If no code is available in the certificate, enter the code generated by the system.
Certificate Date	Select the date when the WHT certificate is issued. Click  and select the date (year-month-day) in the certificate.
Certificate Amount	Enter the total amount according to the amount and currency in the certificate. Select the currency from the drop-down list box.

Field	Description
Select Invoices	<p>Click <b>Add</b> and select the invoices according to the WHT certificate. You can select multiple invoices, because one certificate can match multiple invoices. One invoice can be selected only once.</p> <p>The following invoice information is displayed: (Multiple invoices are displayed in multiple lines if there are any):</p> <ul style="list-style-type: none"><li>• Invoice No.: Automatically displayed according to the selected invoice.</li><li>• Issued: Time when the invoice was issued. This field is automatically displayed according to the selected invoice.</li><li>• Total Invoice Amount (Including VAT) (Payment Currency): Automatically displayed according to the selected invoice.</li><li>• Total Invoice Amount (Excluding VAT) (Payment Currency): Automatically displayed according to the selected invoice.</li></ul> <p><b>NOTE</b> The payment currency is the currency used in the invoice, that is, the currency selected in <b>My Account &gt; Preferences &gt; Currency</b>.</p> <ul style="list-style-type: none"><li>• Certificate Amount (Certificate Currency): Specified manually for each invoice. The sum of the specified amounts must be equal to the <b>Certificate Amount</b> value.</li></ul> <p>If only one invoice is selected, the <b>Certificate Amount</b> value is displayed and can be edited.</p> <ul style="list-style-type: none"><li>• Certificate Amount (Payment Currency): Specified manually. Convert the <b>Certificate Amount (Certificate Currency)</b> value to a value with two decimal places in the currency used for the payment.</li></ul>
Certificate Attachment	<p>Upload a signed or scanned copy of the WHT certificate.</p> <p>The certificate file must be a PDF or image only (.JPEG, .PNG, or .GIF). The file size cannot exceed 10 MB. For multiple files, compress them into a .zip package and upload it.</p>
Remarks	Specified manually.

**Step 5** Click **Submit**.

----End

## Follow-up Operations


After uploading the WHT certificate, you can view the uploading record on the **Withholding Tax Certificates** page, such as the uploading time and review status

(to be reviewed, approved, or rejected). Click **Details** in the **Operation** column to view the WHT certificate details. Click **Download** in the **Operation** column to download the certificate.

## 9.4 Setting Emails to Receive Invoices

You can enable the email notification for invoices if you want the system to send invoices by email when there are expenditures in a month. The function is disabled by default.

### Procedure

- Step 1** Go to the [Invoices](#) page.
  - Step 2** Click **Receive Invoices by Emails**. The Receive Invoices by Email dialog box is displayed.
  - Step 3** Click  to enable the function.
  - Step 4** Click **Modify** to display the SMS & Email Settings page.
  - Step 5** In the **Invoice** row for financial messages, click **Modify** to set the recipient.
- End

# 10 Contracts

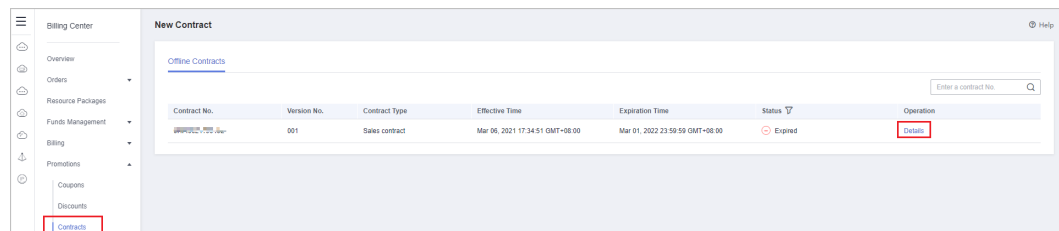
## 10.1 Viewing Offline Contracts

### 10.1 Viewing Offline Contracts

Currently, only Huawei Cloud Discount Program (HCDP) offline contracts applied for by account managers are supported. On the [Contracts](#) page of the Billing Center, you can view details of an offline contract, including coupons and discounts and commitment terms.

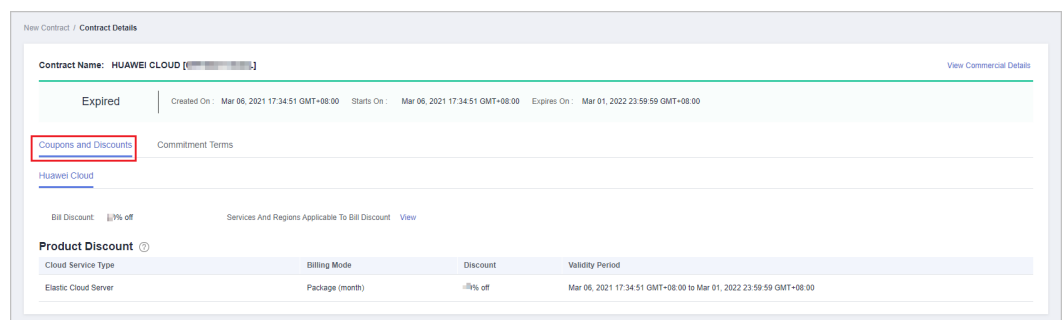
#### Procedure

**Step 1** Go to the [Contracts](#) page.



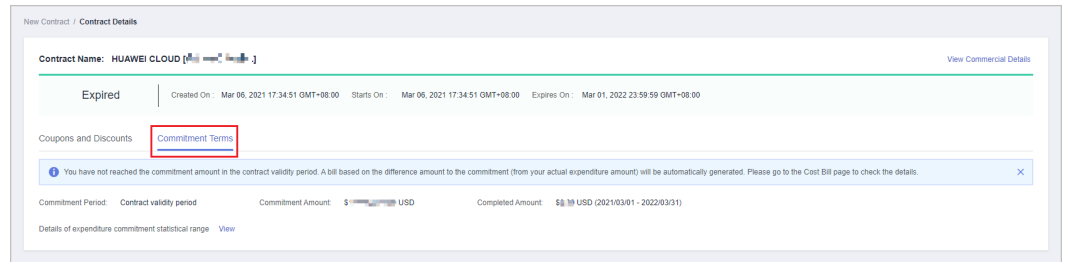
**Step 2** Click **Details** in the **Operation** column of an offline contract to go to the contract details page. View coupons and discounts and commitment terms of the contract.

- On the **Coupons and Discounts** page, you can check **Bill Discount** and **Product Discount**.





- On the **Commitment Terms** page, you can check the commitment period, commitment amount, completed amount, and so on.



----End

# 11 Cloud Trace Service

[11.1 Supported Billing Center Operations](#)

[11.2 Viewing Audit Logs](#)

## 11.1 Supported Billing Center Operations

### Scenario

Cloud Trace Service (CTS) is available on the cloud platform. You can record Billing Center operations for later query, auditing, and backtracking.

### Prerequisites

CTS has been provisioned.

### Key Billing Center Operations

**Table 11-1** Billing Center operations that can be recorded by CTS

Operation	Resource Type	Trace Name
Bill details - Exporting the transactions (.csv)	billDetail	exportNvlMonthlyBill
Bill details - Exporting the bill details by usage (.csv)	billDetail	exportNvlMonthlyBillPrice-FactorDetail
Bill details - Exporting the bill details by resource name or ID (.csv)	billDetail	exportNvlMonthlyBillRes-Detail
Bill details - Exporting the bill details by product type and product (.csv)	billDetail	exportNvlMonthlyBillPro-ductDetail

Operation	Resource Type	Trace Name
Bill details - Exporting the bill details by account (.csv)	billDetail	exportNvlMonthlyBillAccountDetail
Exporting the usage details (.csv)	billDetail	exportStatUsage
Resource package- Exporting the usage details (.csv)	resourcePackages	exportFreeResDeduct
Setting the deduction date for auto-renewal	billingCenter	setRenewalDeductionDate
Topping up	balance	accountTopUp
Withdrawing money	balance	refundApply
Configuring the balance alert	balance	changeBalanceAlert
Requesting invoices	invoice	createInvoiceNew
Deleting invoice templates	invoice	deleteInvoiceTemplate
Creating invoice templates	invoice	saveOrUpdateInvoiceTemplate
Exporting resource package information	resourcePackages	exportResourcePackages
Renewal	cloudresouce	renewResource
Payment	cloudresouce	payOrder
Unsubscription	cloudresouce	unsubscribeResource
Change	cloudresouce	changeResource
Changing the billing mode from pay-per-use to yearly/monthly	cloudresouce	changeBillingMode
Freezing resources	cloudresouce	freezeResource
Deleting resources	cloudresouce	deleteResource

## 11.2 Viewing Audit Logs

For details, see [Querying Real-Time Traces \(for New Console\)](#).

# 12 Appendix

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[12.1 Renewal Management \(Old Edition\)](#)

[12.2 Bills for Customers Using Non-Monthly Settlement](#)

## 12.1 Renewal Management (Old Edition)

### 12.1.1 Manual Renewal

#### 12.1.1.1 Renewal Rules

You can renew your yearly/monthly subscribed resources. If a resource has entered the grace period or retention period, the renewed period starts from the original expiration time (excluding the grace period or retention period).

#### Rule Description

Note the following rules for a renewal:

- Reserved instance resources are not renewable.
- Pay-per-use resources and spot instance resources are not renewable.
- Resources with a pending specification change, that is, yearly/monthly resources for which a specification change order has been submitted but has not been paid, are not renewable.
- Unsubscribed or released resources are not renewable.
- Yearly/monthly resources that have been transitioned or are being transitioned to pay-per-use billing mode are not renewable.
- If a yearly/monthly resource has supplementary resources, to ensure that the yearly/monthly resource and the supplementary resources have the same expiration time, the yearly/monthly resource is not renewable until the supplementary resources have been provisioned successfully.

Rules for an integrated renewal:

- Associated resources must be renewed as a whole. Attached resources can be renewed as a whole or separately.
- Solution portfolio products, fine-grained packages, and DevCloud packages must be renewed as a whole and partial renewals are not supported.
- You can renew other package portfolio products as a whole, or partially (part of yearly/monthly subscribed resources). However, a partial renewal will terminate the portfolio subscription. As a result, you can no longer renew the portfolio product as a whole and enjoy the overall discounts.
- The MapReduce service must be renewed as a whole.

Rules for a batch renewal:

- Commercial use resources cannot be renewed together with pending commercial use resources.
- Offline Dedicated Cloud cannot be included in a batch renewal.

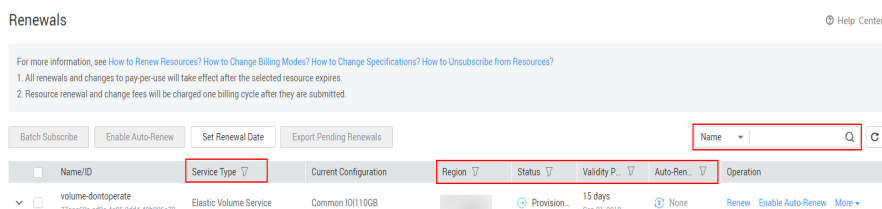
### 12.1.1.2 Manually Renewing a Resource

You can manually renew a yearly/monthly subscription when it is about to expire.

#### Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Set the search criteria.



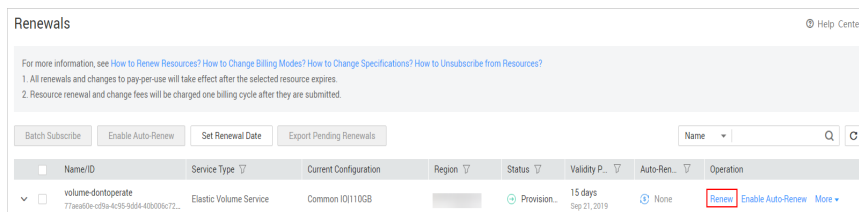
#### NOTE

You can click **Set Renewal Date** to set the expiration date of resources. For details, see [Setting a Renewal Date](#).

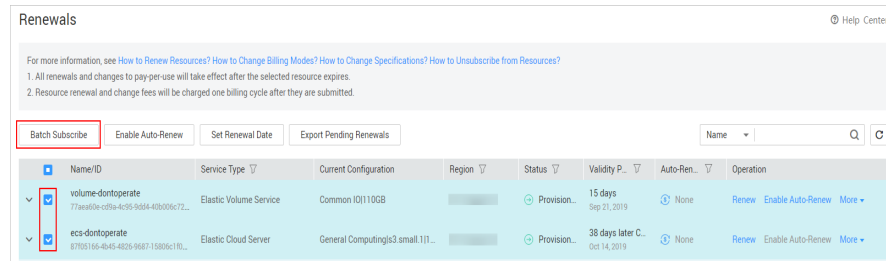
All the resources to be renewed are displayed.

**Step 3** Renew resources separately or in batches.

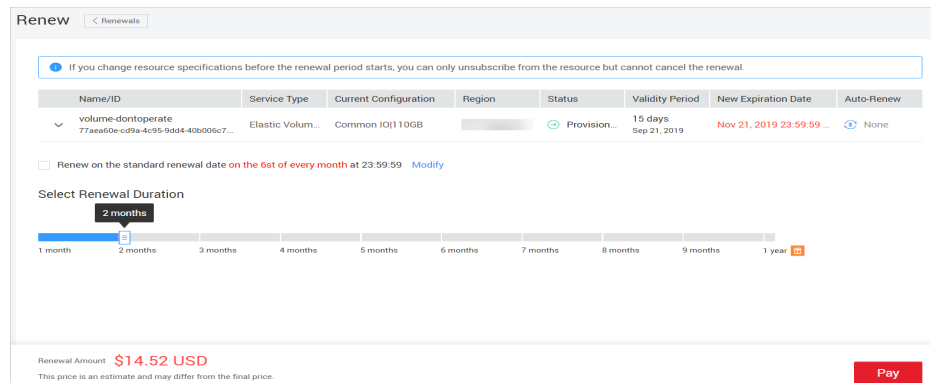
- Separate renewal: Click **Renew** in the **Operation** column for the desired resource.



- Batch renewal: Select the check boxes for the desired resources, and click **Batch Subscribe** in the upper left corner.



**Step 4** Select a renewal duration and click **Pay**.



**Step 5** Select discounts and a payment option, and click **Pay**.

----End

### 12.1.1.3 Setting a Renewal Date

If you set a renewal date for a yearly/monthly subscription, the subscription will expire on the fixed date of a month.

### Precautions

- If you do not set a renewal date, the default resource expiration date is the first date of every month.
- You can only set the renewal date to a day (from the 1st day to the 28th day of a month, or the last day of a month) but not to a whole month.
- The interval between the renewal date and the current billing date cannot be less than one month. After the renewal date is set, the billing duration of a resource is accurate to day, and the fee of the days is calculated based on the fee standard of a yearly/monthly subscription. The renewal fee is subject to the amount displayed on the renewal page.

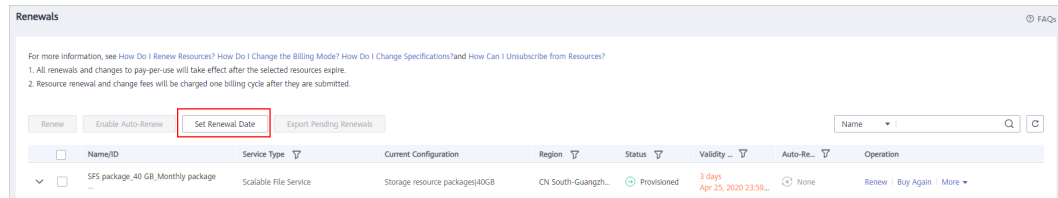
The following assumes that the renewal date is the 15th date of each month.

- The expiration date of resource A is 2018-04-28. If you renew the resource for a month without setting the renewal date, the resource will expire on 2018-05-28. If you renew the resource for a month and set the renewal date, the resource will expire on 2018-06-15.
- The expiration date of resource B is 2018-04-01. If you renew the resource for a month without setting the renewal date, the resource will expire on 2018-05-01. If you renew the resource for a month and set the renewal date, the resource will expire on 2018-05-15.

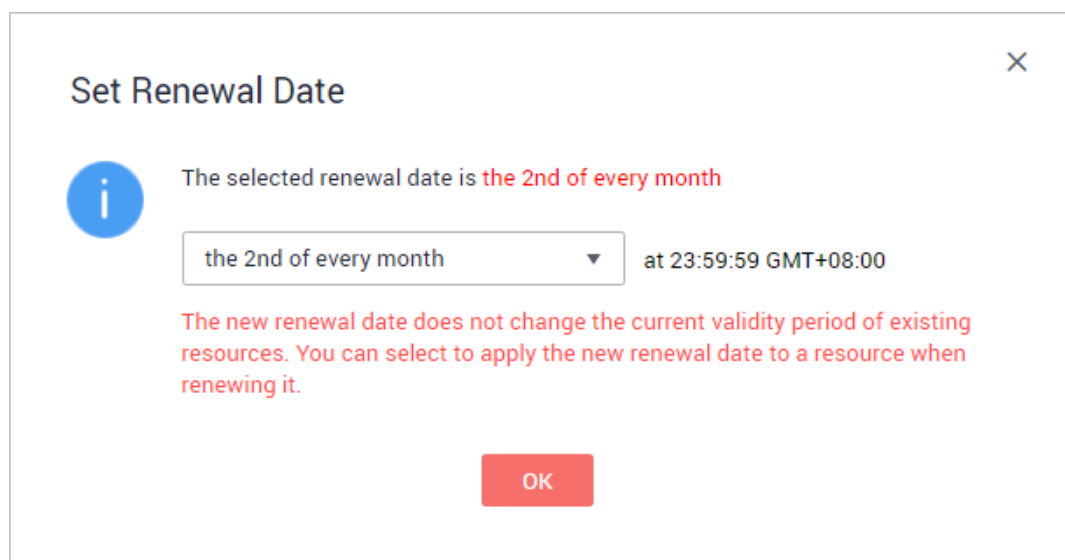
## Setting a Renewal Date

**Step 1** Go to the [Renewals](#) page.

**Step 2** Click **Set Renewal Date**.



**Step 3** Set the renewal date.



**Step 4** Click **Save**.

----End

## Renewing Resources to the Renewal Date

**Step 1** Go to the [Renewals](#) page.

**Step 2** Select the resource to be renewed.

- Separate renewal: Click **Renew** in the **Operation** column for the desired resource.
- Batch renewal: Select the check boxes for the desired resources, and click **Batch Subscribe** in the upper left corner.

**Step 3** Confirm the resource information and set the renewal date.

### NOTE

- You can click **Modify** to reset the unified expiration date for the resources.
- You can view the resource expiration date in the **New Expiration Date** column.

Renew < Renewals

1.If you change resource specifications before the renewal period starts, you can unsubscribe from the resource, but you cannot cancel the renewal.  
2.Renewed resources are not eligible of a 5-day unconditional unsubscription.

Name/ID	Service Type	Current Configuration	Region	Status	Validity Period	Renewal Date	Auto-Renew
hws.service.type.ebsname a3fea5dcfb564428aa86e0b184b76...	Elastic Volume...	Common IO	CN North-Beiji...	Provisioned	265 days Mar 21, 2021 ...	May 01, 2021 23:59:59 G...	None

Renew on the standard renewal date, on the 1st of every month at 23:59:59 GMT+08:00 [Modify](#)

Select Renewal Duration :

1 month

1 month 2 months 3 months 4 months 5 months 6 months 7 months 8 months 9 months 1 year

You have set a unified renewal date. Actual renewal duration = Current duration + Duration from the current expiration date to the new expiration date (the longest: 10 days).

Renewal Amount: **\$6.23 USD**  
This price is an estimate and may differ from the final price.

[Pay](#)

#### Step 4 Click Pay.

After the payment is complete and the renewal is successful, the resource will be renewed to the renewal date.

----End

## 12.1.2 Auto-renewal

### 12.1.2.1 Auto-Renewal Rules

To prevent resource data from being deleted when a product expires, you can enable auto-renewal after subscribing to a yearly/monthly product. With auto-renewal, the system automatically renews your product before the product expires.

### Application Scope

Auto-renewal applies to yearly/monthly subscriptions, but not to solution portfolio products.

The following yearly/monthly products support auto-renewal:

- Elastic Cloud Server (ECS)
- Elastic Volume Service (EVS)
- Virtual Private Cloud (VPC)
- Bare Metal Server (BMS)
- Relational Database Service (RDS)
- Web Application Firewall (WAF)



- Domain Registration
- Direct Connect
- Distributed Cache Service (DCS)
- Dedicated Enterprise Storage Service (DESS)
- Application Orchestration Service (AOS)
- IoT Platform
- Cloud Connect
- Cloud Bastion Host (CBH)
- Cloud Container Engine (CCE)
- Document Database Service (DDS)
- Conversational Bot Service
- Advanced Anti-DDoS (AAD)
- Dedicated Hardware Security Module (DHSM)
- SaaS offerings and manual service offerings in the marketplace

## Rule Description

- Payment methods:

Auto-renewal can be paid using your account balance, cash coupons, and discounts. They are used in the following priority:

Discount (use one at a time) → Cash coupon (use one at a time) → Account balance (cash balance first and then credit balance)

### NOTE

In an auto-renewal, if there is more than one available cash coupon, the auto-renewal fee will be paid using the coupon that is about to expire in the nearest future, and that can combine with the account balance to clear the auto-renewal fee.

For example:

Customer A needs to pay an auto-renewal fee of 50 dollars on 2018-08-20. Customer A has an account balance of 80 dollars, one cash coupon of 20 dollars that is about to expire on 2018-08-30, and one cash coupon of 50 dollars that is about to expire on 2018-09-05. For the auto-renewal fee of 50 dollars, the coupon of 20 dollars is used first, and then the account balance is used to pay the remaining 30 dollars.

Customer B needs to pay an auto-renewal fee of 50 dollars on 2018-08-20. Customer B has an account balance of 20 dollars, one cash coupon of 20 dollars that is about to expire on 2018-08-30, and one cash coupon of 50 dollars that is about to expire on 2018-09-05. The cash coupon of 20 dollars and the account balance of 20 dollars are not sufficient to clear the auto-renewal fee. Therefore, the system directly uses the cash coupon of 50 dollars instead.

- Fee deduction rules:

The auto-renewal fee of a product will be charged at 03:00, seven days before the product is due. Ensure that your account balance is sufficient. If the first attempt to deduct the fee fails due to an insufficient account balance or other reasons, the system will continue attempts at 03:00 every day until the resource is released. If a re-attempt is successful, the fee is deducted successfully.

For example:

Customer A, whose customer level is V0, has purchased an ECS (**ECS 01**), which will expire at 23:59:59, 2018-08-31. The auto-renewal period is one

month. Both the grace period and retention period for V0 customers are 15 days. That means **ECS 01** will be released after 23:59:59, 2018-09-30.

The system attempts to deduct the auto-renewal fee at 03:00, 2018-08-24, seven days before the expiration time. If the deduction is successful, the auto-renewal is successful.

If customer A's account balance is insufficient, the first attempt fails, and the systems will attempt again at 03:00, 2018-08-25, and so on, till 03:00, 2018-09-30. If the account balance is still insufficient at 03:00, 2018-09-02, the auto-renewal fails eventually.

- Auto-renewal and manual renewal:

When auto-renewal is enabled, you can still perform a manual renewal. If you pay a renewal manually before the day when the fees will be automatically charged for an auto-renewal, the system will re-calculate the next auto-renewal day based on the expiration day of the manual renewal.

- Rules for setting auto-renewal when purchasing a cloud service

- Monthly: Your subscription will be automatically renewed each month.
- Yearly: Your subscription will be automatically renewed each year.

Example:

Customer A purchases an ECS (ECS 01) and enables auto-renewal for it. If the ECS is subscribed to for eight months, it will be automatically renewed each month. If the ECS is subscribed to for two years, it will be automatically renewed each year.

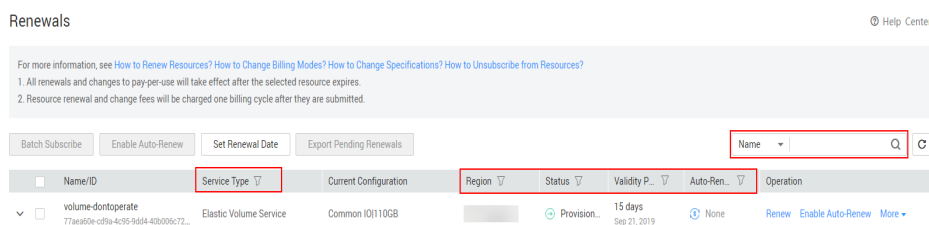
## 12.1.2.2 Automatically Renewing a Resource

To prevent a resource from being deleted upon expiration, you can enable auto-renewal for yearly/monthly products you frequently use. Note the [Auto-renewal Rules](#) when enabling auto-renewal.

### Procedure

**Step 1** Go to the [Renewals](#) page.

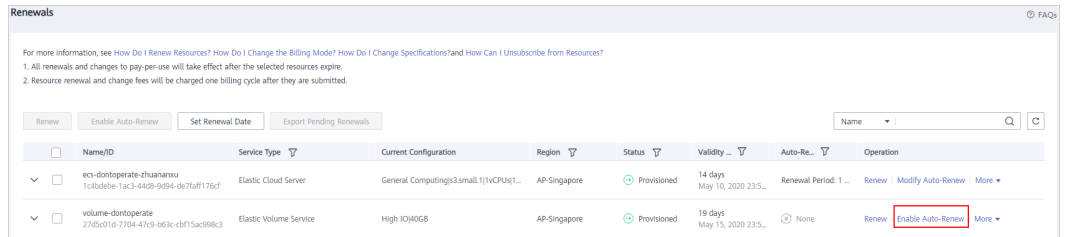
**Step 2** Set the search criteria.



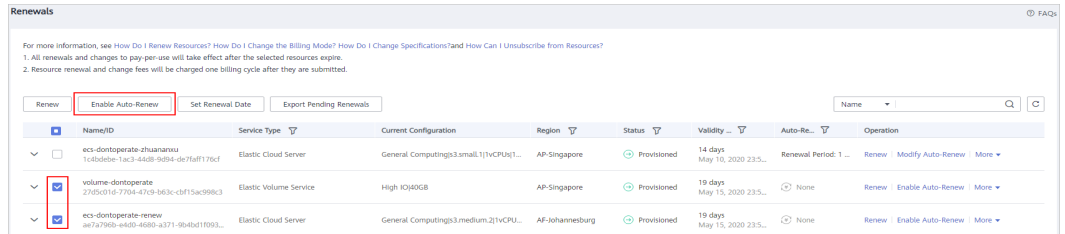
All the resources to be renewed are displayed.

**Step 3** Set auto-renewal for resources separately or in batches.

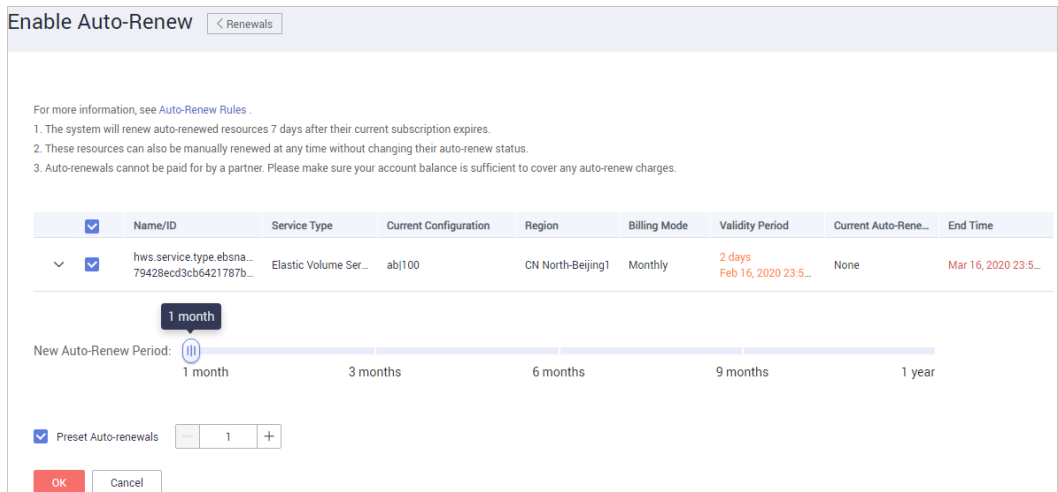
- Separate auto-renewal: Choose **Enable Auto-Renew** in the **Operation** column for the desired resource.



- **Batch auto-renewal:** Select the check boxes for the desired resources, and click **Enable Auto-Renew** in the upper left corner.



**Step 4** Set the auto-renewal period and number of preset auto-renewals, and click **OK**.



----End

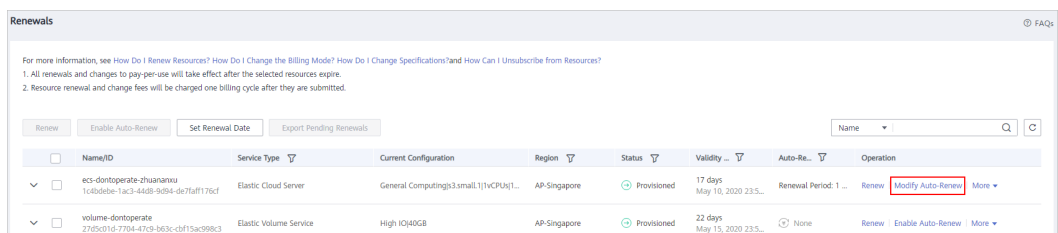
### 12.1.2.3 Modifying Auto-Renewal

After enabling auto-renewal, you can change the renewal period.

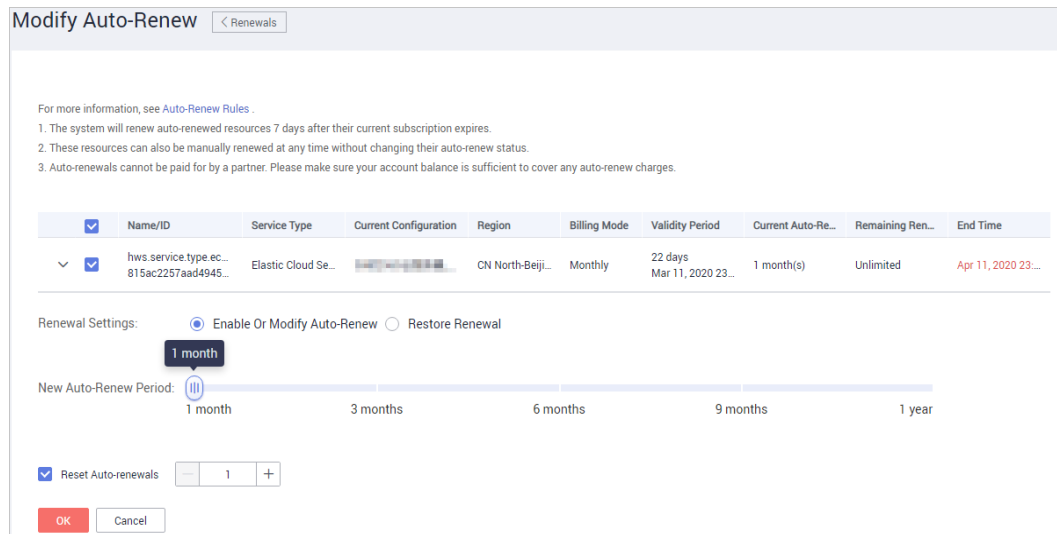
#### Procedure

**Step 1** Go to the **Renewals** page.

**Step 2** Choose **Modify Auto-Renew** in the **Operation** column for the desired resource.



**Step 3 Select Enable Or Modify Auto-Renew for Renewal Settings and set New Auto-Renew Period or Reset Auto-renewals.**



**Step 4 Click OK.**

----End

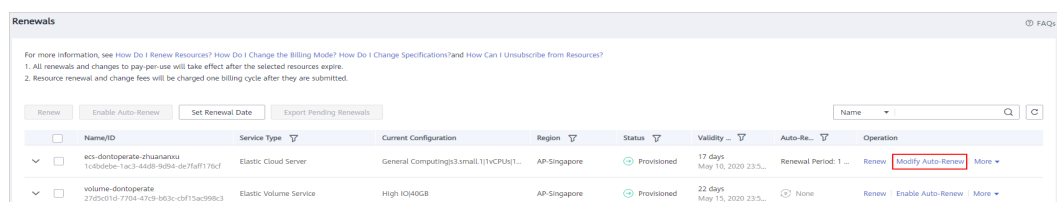
### 12.1.2.4 Disabling Auto-Renewal

You can disable auto-renewal when needed. After disabling auto-renewal, you need to manually renew resources before they expire.

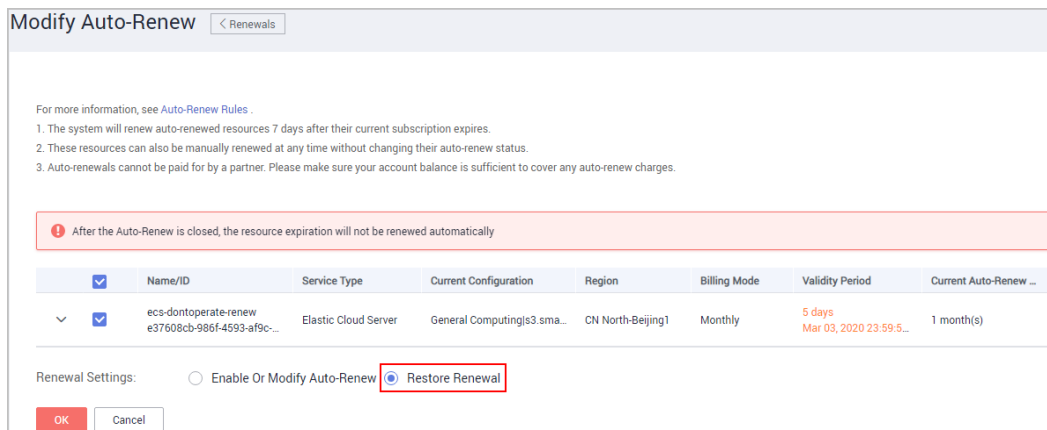
#### Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Click **Modify Auto-Renew** in the **Operation** column for the desired resource.



**Step 3 Select Restore Renewal for Renewal Settings.**



**Step 4** Click **OK**.

----End

### 12.1.3 Buying Again

When you renew a pay-per-use package after the traffic in the package has been used up, you may encounter a situation where you cannot use the package due to interrupted use. You can purchase the package again. It can be selected to take effect immediately or at a specified time.

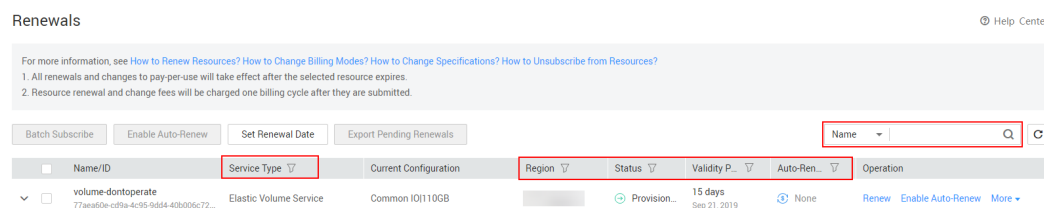
### Application Scope

This operation is only applicable for the pay-per-use package of atomic products. You cannot buy composite atomic products again but have to renew them.

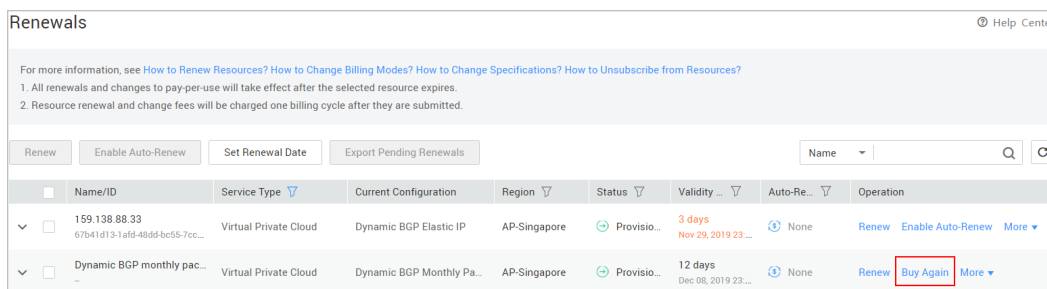
### Procedure

**Step 1** Go to the **Renewals** page.

**Step 2** Set the search criteria.



**Step 3** Locate the pay-per-use package you want to buy again on the **Renewals** page and click **Buy Again** in the **Operation** column.



**Step 4** Confirm the package information, usage duration, and effective time, and click **Pay**.

BuyVirtual Private Cloud < Renewals

A new package will be generated if you buy the current package again.

Name/ID	Service Type	Current Configuration	Region
Dynamic BGP monthly package 10G	Virtual Private Cloud	Dynamic BGP Monthly Package	AP-Singapore

\* Usage Duration 1 month

\* Effective Time  Immediately after payment

Price **\$1.03 USD**  
This price is an estimate and may differ from the final price.

**Pay**

#### NOTE

- The OBS 40GB storage package, OBS 50GB outbound traffic package, and VBS 40GB resource package cannot be bought again.
- Suspended pay-per-use packages cannot be bought again.
- You can specify the effective time only when buying a pay-per-use package of the IEF, OBS, VBS, and CSBS atomic products again. For other cloud service atomic products, it will take effect immediately after you buy them again.

**Step 5** Select discounts and a payment option, and click **Pay**.

----End

## 12.1.4 Changing Subscriptions

### 12.1.4.1 From Pay-per-Use to Yearly/Monthly

You can change the billing mode of a resource from pay-per-use to yearly/monthly. Doing so will create an order. After you pay the order, the yearly/monthly subscription takes effect immediately.

For example:

At 2018/09/21 09:25:34, a customer purchases a pay-per-use ECS. At 2018/10/15 10:30:34, the customer changes the ECS's billing mode to yearly/monthly and a change-to-yearly/monthly order is generated. After the customer pays the order, the ECS immediately enters the yearly/monthly billing mode.

### Precautions

- Only those resources in the **Enabled** status can be changed to yearly/monthly.
- The billing mode of solution portfolio products cannot be changed from pay-per-use to yearly/monthly.

- Spot instances do not support change from pay-per-use to yearly/monthly or from yearly/monthly to pay-per-use.

---

**NOTICE**

To enter the page for changing the billing mode of a cloud service product to yearly/monthly, go to the **Console**, locate the target cloud service product, and perform the change operations.


For details about how to change the billing mode to yearly/monthly, see the user guide of the cloud service product. Below are the relevant links to some products changing from pay-per-use to yearly/monthly:

- Elastic Cloud Server: [Changing the Billing Mode from Pay-per-Use to Yearly/Monthly](#)
  - Cloud Container Engine: [How Do I Change Cluster Billing Mode from Pay-per-Use to Yearly/Monthly?](#)
- 

## Procedure

The following uses an ECS as an example to describe how to change its billing mode from pay-per-use to yearly/monthly.

**Step 1** Log in to the management console.

**Step 2** Click  in the upper left corner and select the desired region and project.

 **NOTE**

On the [My Resources](#) page, you can view the region to which your purchased product belongs.

**Step 3** Under **Computing**, click **Elastic Cloud Server**.

**Step 4** On the **Elastic Cloud Server** page, select the target ECS.

**Step 5** Click **More** in the **Operation** column and select **Change Billing Mode** from the drop-down list.

 **NOTE**

The billing mode of multiple ECSs can be changed in a batch. To do so, perform the following operations:

1. Select the target ECSs.
2. Click **More** on the top of the ECS list and select **Change Billing Mode** from the drop-down list.

**Step 6** Select the renewal duration and click **Submit**.

----End

### 12.1.4.2 From Yearly/Monthly to Pay-per-Use

You can change the billing mode of a resource from yearly/monthly to pay-per-use. The pay-per-use billing mode will take effect after the original yearly/monthly subscription has expired.

For example:

At 2018/09/21 09:25:34, a customer purchases a monthly subscribed ECS. At 2018/10/15 10:30:34, the customer changes the ECS's billing mode to pay-per-use and a change-to-pay-per-use order is generated. After 2018/10/21 23:59:59, the new billing mode takes effect and the ECS is charged by usage.

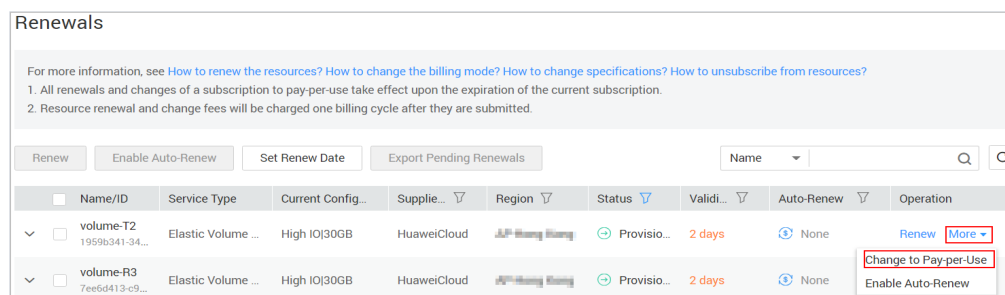
## Precautions

- Only those resources in the **Provisioned** status can be changed to pay-per-use.
- Yearly/monthly subscriptions can be changed to pay-per-use before their expiration date. The change will not take effect until the subscription has expired.
- The billing mode of solution portfolio products cannot be changed from yearly/monthly to pay-per-use.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Choose **More > Change to Pay-per-Use** in the **Operation** column for the desired resource.



**Step 3** Confirm the subscription change details and click **Change to Pay-per-Use**.

----End

## 12.1.5 Releasing Resources


You can release resources that are in the **Expired** or **Frozen** status if needed.

## Precautions

- The number of resource releases is not restricted.
- You can release resources by yourself and do not need to contact customer service.

## Procedure

**Step 1** Go to the [Renewals](#) page.

**Step 2** Click  to set the search criteria.



Name...	Service Type	Current C...	Supplier	Region	Status	Expires In	Auto-Renewal	Operation
directc... cd925...	Elastic Volume...	Volume ty... Size: 100GB	Group		Expired	deleted after...	None	Renew Change
directc... cd925...	Elastic Volume...	Volume ty... Size: 40GB	Group		Frozen	deleted after...	None	Renew Change

### NOTE

Expired and Frozen resources can be released.

**Step 3** Click **Release** for a resource that you want to release.

### NOTICE

After a resource is released, the resource and its data cannot be restored. Exercise caution when performing this operation.

Name/ID	Service T...	Current Co...	S...	Region	Stat...	Validi...	Auto...	Operation
volume-38a8 3c750f35-2331-4bfa-9c43...	Elastic Volu...	Common IOI...	Huawe...	AP-Hong Kong	Frozen	Deleted aft...	None	Renew More
volume-4a9f 0d50076-3109-4c5a-805...	Elastic Volu...	Common IOI...	Huawe...	AP-Hong Kong	Frozen	Deleted aft...	None	Release

**Step 4** Confirm the information of the resource to be released and click **Release**.

Name/ID	Service Type	Current Configura...	Region	Status	Enabled	Expires In
8994020b696e47e8a9a...	Virtual Privat...	Type: double Size: 1Mlops	AP-Hong Kong	Frozen	03/28/2018 16:23:49 ...	Frozen, deleted after 10 days
e66903f387134fb5829...	Elastic Cloud...	Type: deh.others	AP-Hong Kong	Frozen	03/28/2018 16:23:49 ...	Frozen, deleted after 10 days
7dc07f28e6b140eea81...	Virtual Privat...	Type: double Size: 1Mlops	AP-Hong Kong	Frozen	03/28/2018 16:23:49 ...	Frozen, deleted after 10 days

**Step 5** Click **OK**.

----End

## 12.1.6 Exporting the Renewal List

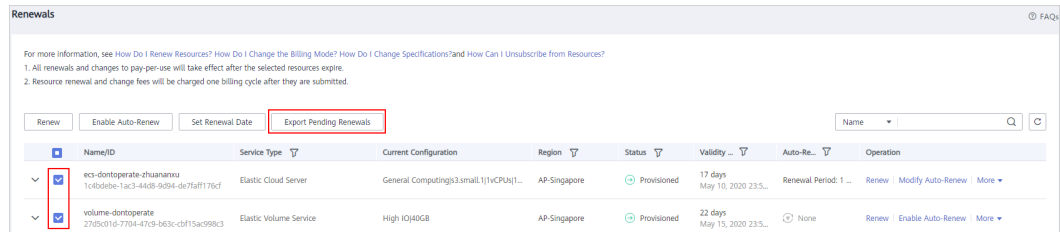
Before renewing a resource, you can export your renewal list to request funds from your finance department.

### Procedure

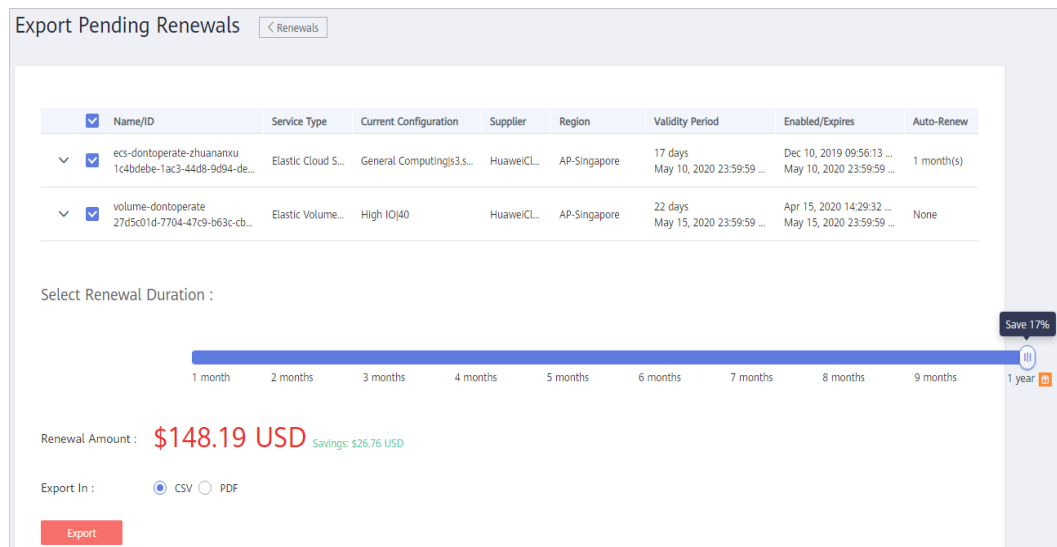
**Step 1** Go to the **Renewals** page.

**Step 2** Set the search criteria.

**Step 3** Select the target resource and click **Export Pending Renewals**.



**Step 4** Select a renewal period and an export format (CSV or PDF), and click **Export**.



A message is displayed indicating that the renewal list has been exported successfully. If the file cannot be exported, click **Download** to download the renewal list manually.

----End

## 12.2 Bills for Customers Using Non-Monthly Settlement

### 12.2.1 Expenditure Summary

On the **Dashboard** page, you can view your expenditure summaries of the last 18 months. Tax is included in all expenditure amounts.

#### Viewing Expenditure Summary

**Step 1** Go to the **Dashboard** page.

**Step 2** View your monthly expenditure summaries of the last 18 months.


- Summary information of expenditures, refunds, and account adjustments is displayed, respectively. When logging in with an enterprise master account, you can view expenditure data of associated member accounts.
  - Amount due: The total fee of the monthly bills. The monthly expenditure amount is the sum of cash payments, cash coupons used, and outstanding amount. Discounts are not included.

Discounts: The total discount amount in the period. Click the amount link next to **Discounts** to view the details.

- Outstanding amount: The expenditure amount that you fail to pay due to insufficient account balance in a specified period. Uncleared and unsettled amount is also regarded as arrears.
  - Uncleared amount: Amount to be deducted and paid.
  - Unbilled amount: The unprocessed amount of a bill to be generated.
  - Write-off: The outstanding amount that Huawei Cloud discharges according to the arrears write-off regulations, which customers do not need to pay.
- Expenditure summary: Your total expenditure amount in a billing cycle.
  - Refund summary: Your total unsubscription amount in a billing cycle.
  - Account adjustment summary: Your total account adjustment amount in a billing cycle, such as Huawei write-offs.
2. View the product expenditure summary information.

Cost summary data can be displayed by product, billing mode, and bill type.

Parameter	Description
<b>Billing Cycle</b>	Time frame between billings for an account. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
<b>Account</b>	Account name of the customer to which a bill belongs.
<b>Service Type</b>	Category of a cloud service.
<b>Product</b>	Name of a cloud service.
<b>Billing Mode</b>	When the order type is unsubscription, this parameter has no value. <ul style="list-style-type: none"><li>– Yearly/monthly</li><li>– Pay-per-use</li><li>– Reserved instance</li></ul>
<b>Bill Type</b>	The bill types include: <ul style="list-style-type: none"><li>– Expenditure</li><li>– Account adjustment</li><li>– Refund</li></ul>
<b>List Price</b>	The sale price of a product with no commercial discounts and promotion discounts applied on the Huawei Cloud official website. List price = Discount amount + Truncated amount + Amount due.

Parameter	Description
<b>Discount</b>	Discounts offered to customers when they use cloud services, for example, commercial discounts, partner authorized discounts, and promotions. The value is the discount amount based on the list price.
<b>Truncated</b>	In pay-per-use billing mode, prices are accurate to two decimal places, with the third and later decimal places directly deleted.
<b>Amount Due</b>	Amount that a customer should pay for used cloud services after discounts have been applied. Amount due = Cash payments + Cash coupon used + Outstanding amount. Click  on the right of the amount due to select whether to hide expenditures of 0 dollar.
<b>Cash Payment</b>	Amount that is paid by cash.
<b>Cash Coupons Used</b>	Fees that are paid using cash coupons.
<b>Outstanding Amount</b>	Amount to be deducted and paid, including uncleared amount and unsettled amount.

----End

## Viewing Historical Data

A partner's customer who has been disassociated with the partner can view expenditure summaries prior to the disassociation.

1. Click **Historical Data**.
2. On the displayed page, view the expenditure summary data by billing cycle.

## Downloading a Summary Bill

1. Downloading a bill in PDF format  
Click **Export Monthly Bill** and select **Summary bill** and **Export PDF** to export the monthly expenditures in PDF format. After being stamped with Huawei's seal, this PDF file can be used to describe the content of the corresponding invoice.
2. Downloading a bill in Excel format  
Click **Export Monthly Bill** and select **Summary bill** and **Export XLSX** to export the monthly expenditures in Excel format. This Excel file can be used for account reconciliation.

## 12.2.2 Bill Settings

You can enable or disable the bill notification function. After the function is enabled, HUAWEI CLOUD will send bills to you via email or SMS message each month after these bills are generated.

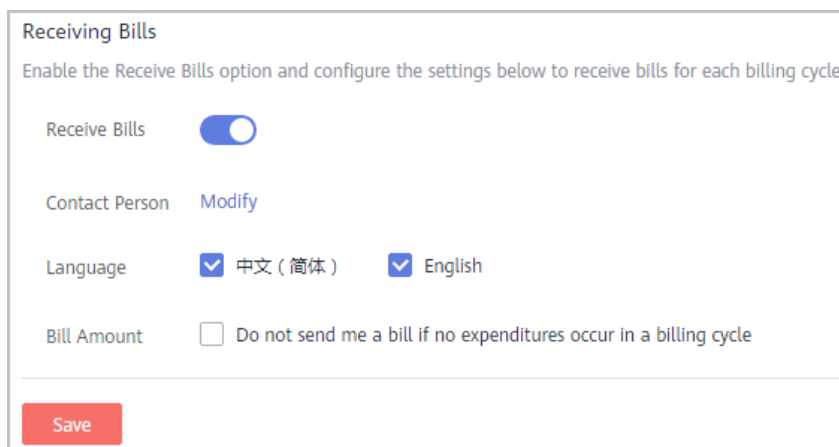
### Procedure

**Step 1** Choose **Bills > Cost Bill**, and click **Bill Settings** in the upper right corner of the page.

Go to the **Cost Bill/Bill Settings** page.

**Step 2** Turn on the **Receive Bills** slider.

**Step 3** Set the following parameters as needed and click **Save**.



- **Contact Person:** Click **Modify** to modify the bill recipients by choosing **SMS & Email Settings > Finance > Bill** in the Message Center.
- **Language:** Set the language of bill files.
- **Bill Amount:** If this option is selected, no bill notification is sent when there is no expenditure in a month.

----End

## 12.2.3 Expenditure Items

Bills displayed for an enterprise master account contain the expenditure data of its member accounts. You can view your expenditure items from January 2019 to this day.

### Accuracy of Fee Deduction for Pay-per-Use Products

- HUAWEI CLOUD bills the pay-per-use product with the fee accurate to eight decimal places. Example: 10.12501236 dollars.
- HUAWEI CLOUD charges the pay-per-use product based on the cloud service settlement period (in hours, days, or months), with the fee accurate to two decimal places. Example: 10.12 dollars.

## Billing and Fee Deduction Policies of Pay-per-Use Products

You can view all transaction bills in a billing cycle.

Pay-per-use products are charged based on different usage types and can be settled in hours, days, or months. For example, an ECS is billed hourly. The system deducts fees of the last settlement period within one hour of when the products are used.

- **Settlement by hour:** HUAWEI CLOUD calculates the fee based on your usage every hour and deducts the fee from your account. For example, fees incurred from 8:00 to 9:00 are deducted before 10:00.
- **Settlement by day:** HUAWEI CLOUD calculates the fee based on your usage and deducts the fee of the day after 00:00 on the next day. For example, fees incurred from 00:00:00 to 23:59:59 on May 11, 2019 are deducted at about 01:00:00 on May 12, 2019.
- **Settlement by month:** HUAWEI CLOUD calculates the fee based on your usage and deducts the fee of the month at the beginning of the next month. For example, fees incurred from 00:00:00 on April 1, 2019 to 23:59:59 on April 30, 2019 are deducted at about 01:00:00 on May 1, 2019.

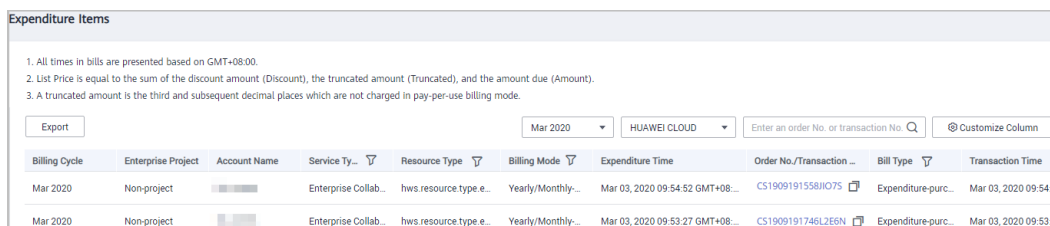
### NOTE

When a product in the billing mode of daily peak bandwidth is settled by day, fees of a day are usually settled at about 16:00 of the next day. When a product in the billing mode of 95th percentile bandwidth, enhanced 95th percentile bandwidth, or average daily peak bandwidth is settled by month, fees of a month are usually settled at about 20:00 on the first day of the next month.

## Procedure


**Step 1** Go to the **Bills > Expenditure Items** page.

**Step 2** Set search criteria to view the transaction data.



Billing Cycle	Enterprise Project	Account Name	Service Ty...	Resource Type	Billing Mode	Expenditure Time	Order No./Transaction ...	Bill Type	Transaction Time
Mar 2020	Non-project		Enterprise Collab...	hws.resource.type.e...	Yearly/Monthly...	Mar 03, 2020 09:54:52 GMT+08...	CS1909191558H075	Expenditure-purc...	Mar 03, 2020 09:54:...
Mar 2020	Non-project		Enterprise Collab...	hws.resource.type.e...	Yearly/Monthly...	Mar 03, 2020 09:53:27 GMT+08...	CS1909191746L26N	Expenditure-purc...	Mar 03, 2020 09:53:...

- **Billing Cycle:** Time frame between billings for an account. It is determined by HUAWEI CLOUD and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
- **Enterprise Project:** The enterprise project to which the cloud resource belongs. If no enterprise project is selected when the customer purchases a product, it will be put under the default enterprise project: **default**.
- **Expenditure Time:** Time when the expenditure occurs. For yearly/monthly products, it is the time of payment, while for pay-per-use products, it is the period from the effective time to the expiration time of the resource.
- **Order No./Transaction No.:** Link to an order No./Transaction No., from which you can view all details of the order or transaction.

- **Bill Type:** Type of a bill, such as **Expenditure-purchase** and **Refund-unsubscription**.
- **List Price:** The sale price of a product with no commercial discounts and promotion discounts applied on the HUAWEI CLOUD official website. List price = Discount amount + Truncated amount + Amount due.
- **Truncated Amount:** In pay-per-use billing mode, prices are accurate to two decimal places, with the third and later decimal places directly deleted.
- **Amount:** Amount that a customer should pay for used cloud services after discounts have been applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts. Amount due = Cash payments + Credit payments + Cash coupon used + Arrears. Click  on the right of the amount due to select whether to hide expenditures of 0 dollar.
- **Arrears:** Amount to be deducted and paid, including uncleared amount and unsettled amount.
- **Payment Status:** **Paid**, **Unsettled** (amount to be billed), and **Uncleared** (amount that has been billed pending deduction and payment).

----End

## 12.2.4 Expenditure Details

Bills displayed for an enterprise master account contain the expenditure data of its member accounts. You can view your expenditure details from January 2019 to this day.


### Procedure

**Step 1** Go to the **Bills > Expenditure Details** page.

**Step 2** Set the filter criteria for dimensions and select a period to view the bill details.

- **Usage Type:** Aspects from which a pay-per-use cloud service is billed, such as duration, capacity, upstream traffic, etc.
- **Resource:** The specific object a customer uses via HUAWEI CLOUD, such as devices, IP addresses, and ports.
- **Product:** Category of the resource used for a cloud service.
- **Product Type:** Category of a cloud service.
- **Account:** Created after registering with Huawei Cloud. The account has full access permissions for all the resources owned by itself.

#### NOTE

Click  on the right of the amount due to select whether to hide expenditures of 0 dollar.

----End

## 12.2.5 Account Statements


You can view your revenue and expenditure details on the **Account Statements** page.

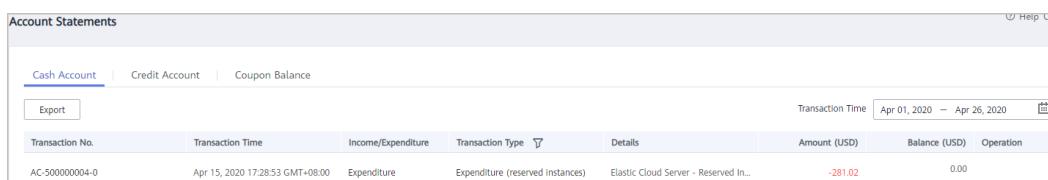
## Viewing Account Statements

**Step 1** Go to the **Account Statements** page.

**Step 2** Select an account type and a time range, and click **Search**.

### NOTE

- If you are a customer of a partner, you can search for the revenue and expenditure details of your HUAWEI CLOUD account or the partner's account.
- Click  on the right of **Transaction Type** to select the revenue and expenditure type you want to view.
- When the transaction type is **Subscription change**, the record indicates a transfer of your account balance to the partner's subaccount.



Transaction No.	Transaction Time	Income/Expenditure	Transaction Type	Details	Amount (USD)	Balance (USD)	Operation
AC-500000004-0	Apr 15, 2020 17:28:53 GMT+08:00	Expenditure	Expenditure (reserved instances)	Elastic Cloud Server - Reserved In...	-281.02	0.00	

----End

## Downloading Account Statements

Click **Export** in the upper left corner of the page. You can see the exported content at **Billing Center > Bills > Export History**.

## 12.2.6 Usage Details

When purchasing CDN, VPC, Cloud Connect in the monthly billing mode of **95th Percentile Bandwidth**, **Average Daily Peak Bandwidth**, or **Enhanced 95th Percentile Bandwidth**, you can export and view the usage details. Usage details data of the last 18 months can be queried.

### Procedure

**Step 1** Go to the **Usage Details** page.

**Step 2** Set the service type, resource type, billing specification, and use time to export the usage details.

----End

## 12.2.7 Obtaining Export History

After submitting an export request on the **Expenditures** or **Account Statements** page, you can download the exported content from the **Export History** page.

### Precautions

The exported content will be automatically deleted three days after the export request takes effect. Please download the exported files in time.



## Procedure

**Step 1** Go to the **Export History** page.

**Step 2** In the **Operation** column of a record, click **Download**.

The desired record is downloaded to a local directory.

File Name	Created On	Content	Format	Status	Operation
20200327114010_pricefactor_bill...	Mar 27, 2020 11:40:10 GMT+08:00	Usage types Mar 2020	csv	Successful	Download

----End

## 12.2.8 Reconciliation Guidance

Reconciliation is to check the consistency between the bills created by HUAWEI CLOUD and the bills recorded by your company, so as to check whether your resource purchase and usage are consistent with the actual expenditures of your account. If you have any doubts about the bill, contact the HUAWEI CLOUD customer service by submitting a service ticket. If the bill provided by HUAWEI CLOUD has any errors, HUAWEI CLOUD will rectify them.

### Bill Types

**Summary bill:** You can obtain it on the **Billing Center > Bills > Dashboard** page. A summary bill presents your summarized and cloud service-specific expenditures and unsubscriptions for a month. Summary bills are summarized from data on the **Billing Center > Bills > Expenditure Items** page.

**Transaction bill:** You can view transaction bills by month and obtain them on the **Billing Center > Bills > Expenditure Items** page.

### Accuracy of Fee Deduction

HUAWEI CLOUD bills the pay-per-use product with the fee accurate to eight decimal places (for example, \$10.12501236 USD). Fees for pay-per-use expenditures are deducted together on the third day of the next month, accurate to two decimal places. For example, if the total pay-per-use expenditure amount is \$100.12501236 USD, the actual fee charged is \$100.12 USD.

### Reconciliation Procedure

If you want to learn about your expenditures of the last month or your company needs account reconciliation, perform the following steps. Adjust the involved parameters as needed.

**Step 1** Check the summary information.

On the Dashboard page, export the summary bill. In the **Billing Overview** area, you can see your monthly total fee and compare it with your expenditures displayed on Huawei Cloud. In the **Expenditures** and **Unsubscriptions** areas, you can see the used amount of cash coupons.



- Adjustment-deduction tax: tax for Huawei Cloud account adjustments
- Refund - unsubscription: fees of yearly/monthly products that are unsubscribed from
- Refund-change: fees of a yearly/monthly subscription for which the specification is downgraded
- Refund-tax: tax refunded when a yearly/monthly subscription is unsubscribed from

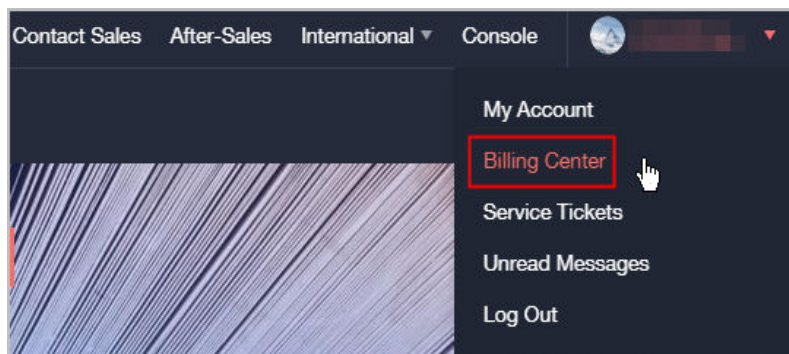
----End

## 12.2.9 Expenditure Data Storage

Customers can enable expenditure data storage by creating a bucket on Object Storage Service (OBS). HUAWEI CLOUD will synchronize your bills to the designated bucket on OBS.

### Enabling the Bill Subscription Function

- Step 1** Create a bucket on OBS. For details about how to create a bucket, see [Creating a Bucket](#).
- Step 2** Go to the Billing Center.



- Step 3** Go to the **Expenditure Data Storage** page.

- Step 4** Set the bucket name.

#### NOTE

If the bucket becomes invalid, expenditure data storage is automatically disabled.

- Step 5** Click **Verify**.

A message indicating that the verification is successful is displayed and all eligible bills are presented.

- Step 6** Select the bills that you want to export and click **Enable**.

Once authorized and verified, your selected bills will have corresponding files generated which are synchronized to your bucket on OBS every day.

- Step 7** Click **Get Code**.

- Step 8** Enter the received SMS verification code and click **OK**.

**NOTE**

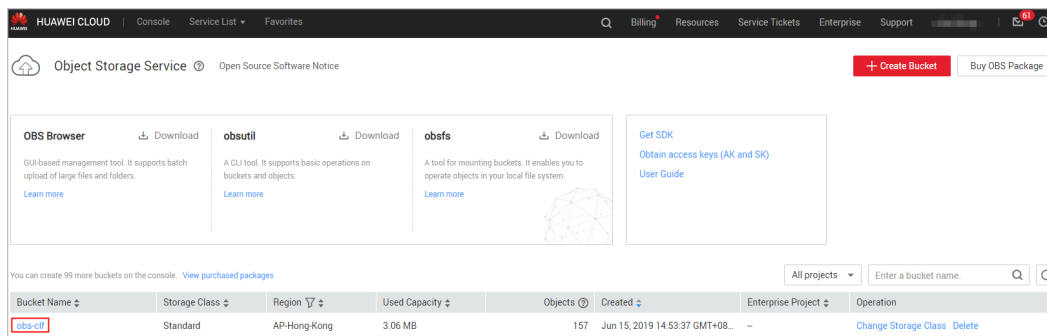
You can click **Close** next to the object storage name to close expenditure data storage.

----End

## Downloading Subscribed Bills

**Step 1** Choose **Service List > Storage > Object Storage Service**.

**Step 2** Click the bucket name link.



**Step 3** In the navigation bar on the left, click **Objects**. You can view all files of the subscribed bills that have been exported.

**NOTE**

- Bills of the same type are sorted in descending order.
- You can search for bills by bill name prefix. Example: Enter **Spending(ByResource)\_201906** in the search box to view all resource bill files in June 2019.
- Data generated each day for customers in the monthly settlement mode is estimated. It is suggested that these customers obtain the full bill of a month on the third day of the next month.

After expenditure data storage is enabled, data listed in **Table 12-1** will be automatically exported based on your selection.

**Table 12-1** Exported bills

Bill	Billing Cycle	Data Scope	Filename Identifier
Resource expenditure	Every day	Resource expenditure data of the previous day	Resource_Expenditures_YYYYMMDD
Resource bill	Every day	All resource data of the month (prior to the current day)	Spending (ByResource)_YYYYMMDD

Bill	Billing Cycle	Data Scope	Filename Identifier
	The third day of each month	Resource data of the last month (YYYYMMDD in the file name indicates the last day of the last month)	Spending (ByResource)_YYYYMMDD

**Step 4** Select the bill you want to download and click **Download** in the **Operation** column.

----End

## Further Description

If you want to download subscribed bills every day, run the following script to set it up. After the setup is completed, the subscribed bills will be automatically downloaded.

### NOTE

The following code example is for reference only. You can make changes to it for development as needed.

```
#!/usr/bin/python
# -*- coding:utf-8 -*-
import string,os,sys,datetime
import commands
import json

#get date
date = datetime.date.today()-datetime.timedelta(1)
str_date = date.strftime("%Y%m%d")

AK = ""
SK = ""
server = ""
bucketName = ""
#prefix="Consumeddetails_"+str_date
prefix="Resource_Expenditures_"+str_date
print prefix

from com.obs.client.obs_client import ObsClient
# Constructs a obs client instance with your account for accessing OBS
obsClient = ObsClient(access_key_id=AK, secret_access_key=SK, server=server)

#find which billing
resp=obsClient.listObjects(bucketName,prefix)
#billing name
objectKey=resp.body.contents[0].key
localFileDir='/opt/huawei/zcm/data/'+objectKey
# Download the object to a file
print('Downloading an object to dir:' + localFileDir + '\n')
obsClient.getObject(bucketName, objectKey, downloadPath=localFileDir)
```

Description of parameters:

- AK: Identifies the access key ID on OBS. One AK maps to only one user but one user can have multiple AKs. The OBS system recognizes the users who access the system by their access key IDs. For details about how to create and obtain the AK and SK, see [Obtaining Access Keys \(AK and SK\)](#).
- SK: Specifies the secret access key on OBS. It is used to access OBS. Authentication information is generated for users based on their SKs and request header fields. An SK matches an AK.
- server: Indicates the access domain name, which is the address of the bucket on the Internet. It can be used for scenarios where the bucket is accessed directly through the domain name, such as cloud application development and data sharing. You can obtain its value from "1" in [Figure 12-1](#).
- bucketName: Name of the bucket used for the subscribed bills. You can obtain its value from "2" in [Figure 12-1](#).
- prefix: Bills that need to be automatically downloaded.
  - "Resource\_Expenditures\_": Indicates resource expenditure records.
  - "Spending (ByResource)\_": Indicates the resource bill.
- localFileDir: Indicates the local directory for storing downloaded bill files.

**Figure 12-1** Obtaining Parameters for Automatically Downloading Subscribed Bills

The screenshot displays the 'Object Storage Service' console interface. On the left, a navigation menu includes 'Summary', 'Objects', 'Permissions', and 'Basic Configurations'. The main content area is divided into 'Basic Statistics' and 'Basic Information'. The 'Basic Information' section lists various bucket parameters:

Parameter	Value
Bucket Name	[Redacted]
Storage Class	Standard
Bucket Version	--
Region	AP-Hong-Kong
Owner	[Redacted]
Account ID	555354f874174aa482cd4f3dff74261
Created	Jun 15, 2019 14:53:37 GMT+08:00
Versioning	Disabled
Endpoint	obs.ap-southeast-1.myhuaweicloud.com
Access Domain Name	[Redacted] obs.ap-southeast-1.myhuaweicloud.com
Enterprise Project	--

Red circles with numbers 1 and 2 are placed over the 'Bucket Name' and 'Access Domain Name' fields, respectively, with red boxes highlighting these fields. A blue button labeled 'This m' is visible in the top right corner of the statistics section.

## 12.2.10 Expenditure Data Storage

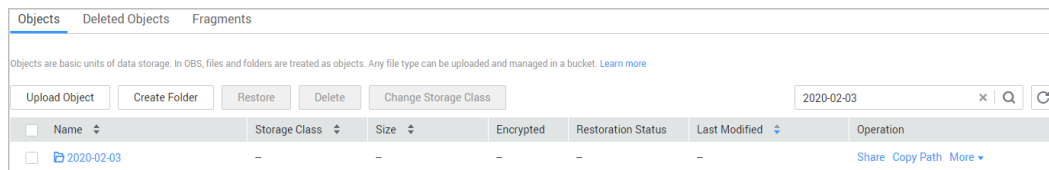
## 12.2.10.1 Resource Expenditures

### Bill Description

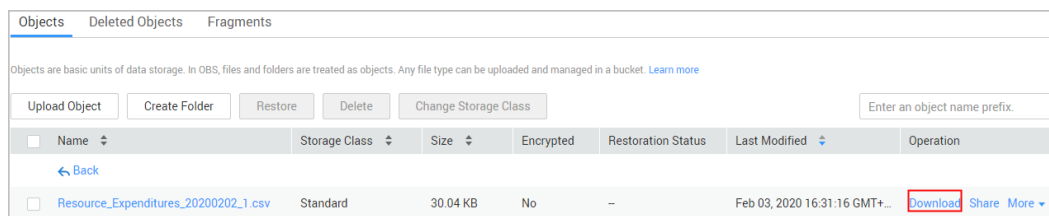
1. After subscribing to resource expenditures bills on the **Billing Center > Bills > Expenditure Data Storage** page, you can download and view these bills from **Service List > Storage > Object Storage Service**.

For details about how to download the bills, see [Downloading Subscribed Bills](#).

2. Select the folder named after a date as needed.



3. The date folder is opened. Download the resource expenditures file.



Bill	Billing Cycle	Data to Be Exported	File Name
Resource expenditures	Daily	Resource expenditure data of the previous day	Resource_Expenditures_YYYYMMDD
	Third day of each month	<p>Pay-per-use expenditure data of the last month (for example, data of CDN expenditure charged based on daily average peak bandwidth).</p> <p>In the resource expenditure records exported on the third day of each month, the pay-per-use expenditure data of the previous month is displayed.</p> <p><b>NOTE</b> Such data is not displayed if there is no monthly-settled pay-per-use products.</p>	Resource_Expenditures(Pay-per-Use)_MonthlyBill_YYY YMM

## Bill Content

Table 12-2 Parameters

Field Name	Field Description
<b>Expenditure Time</b>	Expenditure time of a product. If the billing mode is Yearly/Monthly or Savings Plan, this field indicates the payment time of the product. If the billing mode is Pay-per-use or Savings plans-hourly billing, this field specifies the validity period of the cloud service.
<b>Billing Cycle</b>	Time frame between billings for an account. It is determined by HUAWEI CLOUD and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
<b>Resource ID</b>	Unique ID of a cloud service resource.
<b>Resource Name</b>	Name of a cloud service resource.
<b>Resource Tag</b>	User-defined tag of a cloud service resource.
<b>BE</b>	Supplier of the product: <ul style="list-style-type: none"><li>• HUAWEI CLOUD</li><li>• Reseller</li></ul>
<b>Billing Mode</b>	Billing mode. <ul style="list-style-type: none"><li>• Monthly</li><li>• Yearly</li><li>• Daily</li><li>• One-off</li><li>• Pay-per-use</li><li>• Savings plans-upfront payment</li><li>• Savings plans-hourly billing</li></ul>
<b>Product Type</b>	Category of a cloud service.
<b>Resource Type</b>	Category of the resource used for a cloud service.
<b>Product</b>	Name of a cloud service.
<b>Specifications</b>	A collection of attributes and their values used to describe the features of the resource that a cloud service needs. Specifications of resources of the same type have the same attributes but different attribute values.



Field Name	Field Description
<b>Region</b>	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
<b>Enterprise project ID</b>	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .
<b>Enterprise project name</b>	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.
<b>Usage Type</b>	How a pay-per-use cloud service is billed, such as by duration, capacity, or upstream traffic.
<b>Usage/ Purchased Duration</b>	How a cloud service is used within a period of time, such as by duration, capacity, count, or traffic.
<b>Usage in Package/ Usage in Reserved Instance</b>	Usage of a product or resource in a resource package or reserved instance within a period of time. If this usage does not exceed the package quota, no extra charges are incurred.
<b>Unit</b>	Unit to measure the product usage.
<b>Official Total Amount</b>	Price of the product for the specified period displayed on the HUAWEI CLOUD official website.
<b>Discount</b>	Discounts offered for cloud services, for example, commercial discounts, partner authorized discounts, and promotional discounts. The value is the discount amount based on the original price.
<b>Amount</b>	Amount that you should pay for used cloud services after discounts have been applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts.
<b>Order Type</b>	Type of a product order: <ul style="list-style-type: none"><li>● Purchase</li><li>● Renewal</li><li>● Unsubscription</li><li>● Change: specification upgrade or downgrade Generally, a positive amount indicates a specification upgrade and a negative amount indicates a specification downgrade.</li></ul>
<b>Order No.</b>	Unique ID of an order.
<b>Transaction Time</b>	Time when the fee is paid for an expenditure.

Field Name	Field Description
Tax	Tax amount.
Sub-resource Name	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.
Sub-resource ID	Unique ID of a child resource for a cloud service.
Sub-resource Product Type	Service type of a child resource for a cloud service.
Sub-resource Product	Service name of a child resource for a cloud service.
Combined Order No.	Unique ID of a combined order. Huawei Cloud will combine multiple orders that need to be executed in a batch, such as operated in a batch and paid in a batch. You need to pay or cancel the orders together in a combined order. After a combined order is paid, each cloud service in the combined order can be managed separately.

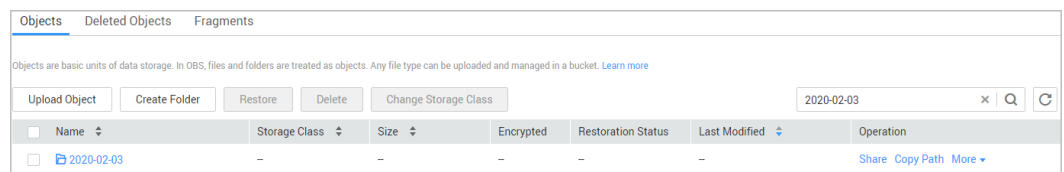
## 12.2.10.2 Resource Bill

### Bill Description

1. After subscribing to bills on the **Billing Center > Bills > Data Storage** page, you can download and view these bills from **Service List > Storage > Object Storage Service**.

For details about how to download the bills, see [Downloading Subscribed Bills](#).

2. Select the folder named after a date as needed.



3. The date folder is opened. Download the resource bill file.

Name	Storage Class	Size	Encrypted	Restoration Status	Last Modified	Operation
Resource_Expenditures_20200202_1.csv	Standard	30.04 KB	No	-	Feb 03, 2020 16:31:16 GMT+...	Download Share More
Spending(ByResource)_20200131_2.csv	Standard	2.09 KB	No	-	Feb 03, 2020 16:26:32 GMT+...	Download Share More
Spending(ByResource)_20200202_1.csv	Standard	1.50 KB	No	-	Feb 03, 2020 16:26:31 GMT+...	Download Share More

Bill	Billing Cycle	Data to Be Exported	File Name
Resource bill	Daily	Current month (excluding the current day)	Spending(ByResource)_YYYYMMDD
	Third day of each month	Last month (YYYYMMDD in the file name indicates the last day of the last month)	Spending(ByResource)_YYYYMMDD

## Bill Content

Table 12-3 Parameters

Field Name	Field Description
<b>Billing Cycle</b>	Interval of time from the end of one billing statement date to the next billing statement date. It is determined by Huawei Cloud and is generally one natural month. When a billing cycle ends, the system calculates all the fees that a customer needs to pay during the billing cycle and generates a bill.
<b>Resource ID</b>	Unique ID of a cloud service resource.
<b>Resource Name</b>	Name of a cloud service resource.
<b>Resource Tag</b>	User-defined tag of a cloud service resource.
<b>Region</b>	Cloud service region that provides public cloud service resources independently and serves a large geographical area.
<b>Product Type</b>	Category of a cloud service.
<b>Resource Type</b>	Category of the resource used for a cloud service.
<b>Product</b>	Name of a cloud service.

Field Name	Field Description
<b>Enterprise Project ID</b>	ID of the specified enterprise project. If no enterprise project is selected when the customer purchases a product, the enterprise project ID is <b>0</b> .
<b>Enterprise project name</b>	Name of the specified enterprise project. If no enterprise project is selected for the cloud service, <b>default</b> is displayed as the value of this field.
<b>BE</b>	Supplier of the product: <ul style="list-style-type: none"><li>• HUAWEI CLOUD</li><li>• Reseller</li></ul>
<b>Billing Mode</b>	Billing mode. When the expenditure amount of a product is a negative value, the order type is unsubscription or specification downgrade. <ul style="list-style-type: none"><li>• Yearly/Monthly</li><li>• Pay-per-use</li><li>• Savings plans-upfront payment</li><li>• Savings plans-hourly billing</li></ul>
<b>Official Total Amount</b>	Price of the product for the specified period displayed on the HUAWEI CLOUD official website.
<b>Amount</b>	Amount that you should pay for used cloud services after discounts have been applied. The discounts include promotional discounts, discount coupons, commercial discounts, and partner authorized discounts.
<b>Discount</b>	Discounts offered for cloud services, for example, commercial discounts, partner authorized discounts, and promotional discounts. The value is the discount amount based on the original price.
<b>Remarks</b>	Supplementary information.
<b>Tax</b>	Tax amount.
<b>Sub-resource Name</b>	Name of a child resource for a cloud service. A child resource takes the subordinate position among several associated resources, for example, an EVS system disk is a child resource of an ECS.
<b>Sub-resource ID</b>	Unique ID of a child resource for a cloud service.
<b>Sub-resource Product Type</b>	Service type of a child resource for a cloud service.

<b>Field Name</b>	<b>Field Description</b>
<b>Sub-resource Product</b>	Service name of a child resource for a cloud service.