

About Billing

Cost Management

Product Documentation



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Contents

Cost Management

- Consumption Bill Overview

- Consumption Bill Description

- Cost Explorer

- Budget Management

Cost Management

Consumption Bill Overview

Last updated : 2024-01-02 15:20:50

Enabling Consumption Bill

If you have never used the consumption bill feature, enable it as follows:

1. Log in to the [Billing Center](#).
2. On the left sidebar, click **Cost Management** > **Consumption Bill** to enter the consumption bill page.
3. On the consumption bill page, click **Enable**. If you activate the consumption bill after 2023, you can view the bills from January 2023 to now.

Consumption Bill Description

The consumption bill displays your monthly resource consumption, including consumption of pay-as-you-go resources and the amortized consumption of monthly subscribed resources.

Note:

Due to amortization, the data is only for cost estimation and cannot be used for reconciliation. For reconciliation, use your normal cost bills and transaction details instead.

Amortization Rules

Consumption is amortized based on your normal cost bill. The cost corresponding to deductions is positive, and the cost corresponding to refunds is negative.

The vouchers, free credits, and cash amounts used for purchase are recorded separately and distinguished by type. Numbers are rounded to two decimal places. If the amortized cost is less than 0.01 USD per day, the purchase cost will be amortized starting from the next day at 0.01 USD per day until it is fully amortized.

"Month" is the month in which the consumption occurs, and the "start time" and "end time" are 00:00:00 and 23:59:59 on the day of amortization, respectively.

Below are the specific cost amortization rules:

Pay-as-you-go

In the pay-as-you-go billing mode, the cost is calculated based on the actual resource usage period and is not amortized.

Prepaid

Amortization of prepaid costs includes amortization of monthly subscribed resources and one-time purchases.

Monthly subscribed resource amortization: The monthly costs of monthly subscribed resources are calculated after the costs are amortized by day.

For example, assume that on March 1, you purchase a CVM instance for six months (March 1–September 1) and make a one-time payment of 366 USD. The instance's bill amount in March is 366 USD, and the cost amortization per each day is $366 \text{ USD} / 184 \text{ days} \approx 2 \text{ USD}$. Therefore, the cost in March is $2 \text{ USD} * 31 \text{ days} = 62 \text{ USD}$, and the costs in each month from April to September can also be calculated in the same way.

One-time purchase amortization: One-time purchases include packages and one-time services. Their amortization rules are as follows:

Package: The cost is amortized and deferred based on the actual usage on the current day within the validity period. On the day of expiration, the remaining amount to be deferred is confirmed as a whole.

One-time service: The cost is not amortized. The entire cost amount is counted into the cost for the day of purchase.

Consumption Types

Pay-as-you-go

This refers to the cost incurred by a pay-as-you-go resource in the month of use.

For example, assume that you use CDN from March 1 to March 31 and incur a charge of 100 USD. Then your bill amount for CDN in March is 100 USD (if the bill is generated by billing cycle), and your cost in March is also 100 USD.

New purchase amortization

This refers to the amortized cost of a purchased monthly subscribed resource in the month of purchase. Amortization starts from the day of purchase, and consumption details are generated daily until the day before the expiration of the resource.

For example, assume that on July 20, you purchase a monthly subscribed resource for one month, and the purchase order amount is 31 USD. Then the type of amortized cost from July 20 to July 31 is new purchase amortization. The new purchase amortization for July is $31 \text{ USD} / 31 \text{ days} * 12 \text{ days} = 12 \text{ USD}$.

Renewal amortization

This refers to the amortized cost of a renewed monthly subscribed resource in the month of renewal. Amortization starts from the first day of the renewal period, and consumption details are generated daily until the day before the expiration of the resource.

For example, assume that on August 20, you renew a monthly subscribed resource for two months (the renewal order duration is 61 days), and the renewal order amount is 122 USD. Then the type of amortization cost from August 20 to August 31 is renewal amortization. The renewal amortization for August is $122 \text{ USD} / 61 \text{ days} * 12 \text{ days} = 24 \text{ USD}$.

Post-refund amortization

If you initiate a refund, but the resource cost has not been fully amortized, then the unamortized cost will be counted into the amortization of the day of refund and will not be deferred to subsequent days. This part of the unamortized cost is called post-refund amortization.

For example, assume that on January 1, you purchase a resource for six months (the purchase order duration is 181 days), and the purchase order amount is 181 USD. You request a refund on May 10, and the refund amount is -30 USD. Because the paid 181 USD was not fully amortized, the remaining unamortized amount is counted into the day of the refund (May 10). This type of amortized cost is post-refund amortization. So, your post-refund amortization for May is 181 USD - the previously amortized cost of 130 USD = 51 USD, and the termination cost for May is -30 USD.

Refund

Refund is a negative value and refers to the amortized cost of a refunded resource in the month of refund. The consumption data before the refund remains unchanged. Post-refund amortization and the refund are both performed on the day of the refund. The refund amount is all counted into the day of the refund (as a negative number).

Meanwhile, post-refund amortization is performed. Post-refund amortization = order cost - amortized order cost;

Refund = the order refund amount; actual order consumption data = normal amortization + post-refund amortization + refund.

For example, assume that on January 1, you purchase a resource for six months (the purchase order duration is 181 days), and the purchase order amount is 181 USD. On May 10, you make a refund, and the refund amount is -30 USD. Then the refund amount is all amortized to the day of refund (May 10), and the refund amount for May is -30 USD.

Upgrade/Downgrade amortization

This refers to amortization of costs incurred by upgrading or downgrading a resource configuration during the month in which the upgrade/downgrade occurs. Amortization starts from the day of the configuration adjustment, and consumption details are generated daily until the day before the expiration of the resource.

For example, assume that on May 10, you purchase a resource for one month and then you upgrade it on May 20 (the upgrade order duration is 21 days), and the upgrade cost is 42 USD. Then the type of amortization cost from May 20 to May 31 and from June 1 to June 9 is upgrade/downgrade amortization. The upgrade/downgrade amortization for May is $42 \text{ USD} / 21 \text{ days} * 12 \text{ days} = 24 \text{ USD}$, and that for June is $42 \text{ USD} / 21 \text{ days} * 9 \text{ days} = 18 \text{ USD}$.

Usage amortization

This refers to amortized cost based on your actual usage after you purchase a prepaid one-time package.

Amortization starts from the day of purchase until the day before the expiration of the resource.

For example, assume that on May 1, you pay 100 USD for a 100 GB package valid until August 1, and you used 10, 20, and 30 GB in May, June, and July respectively. Then the amortized costs for May, June, July, and August were 10, 20, 30, and 40 (100 - 10 - 20 - 30) USD respectively.

Consumption Bill Description

Last updated : 2024-06-25 17:11:54

Consumption Overview

The Consumption Overview reflects the total monthly resource consumption and the distribution of expenses. It supports viewing consumption trend graphs and consumption data summarized by product, project, region, billing mode, and the top 5 tags.

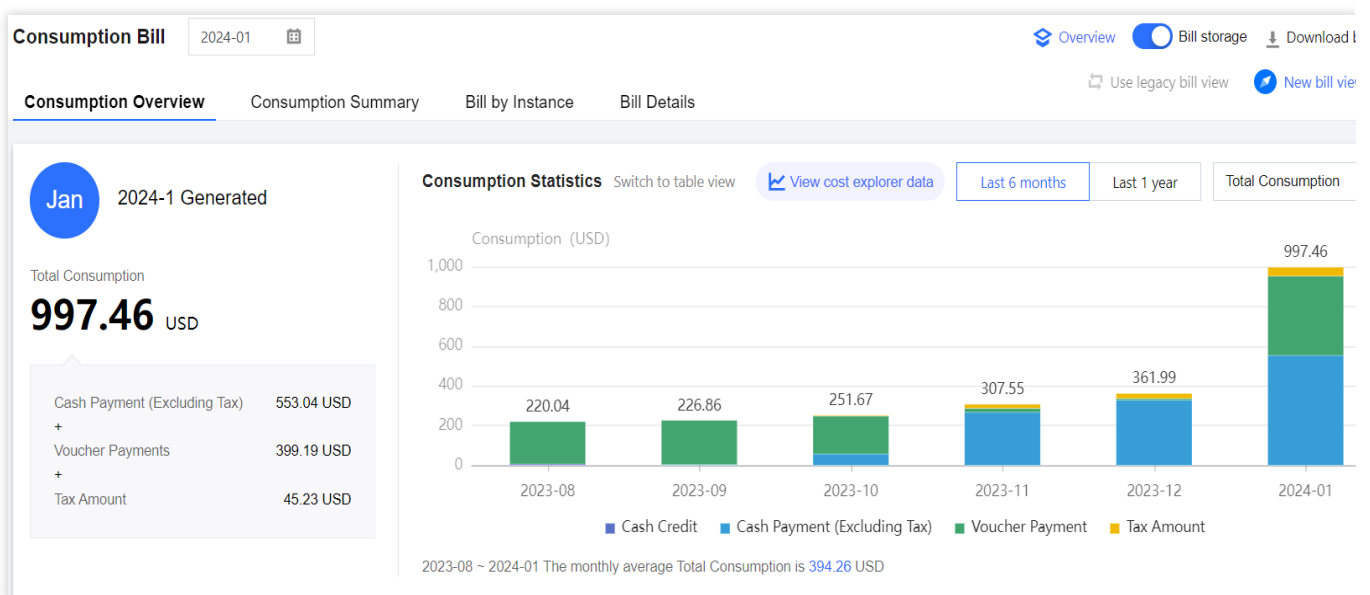
Consumption statistics

The consumption statistics graph displays a consumption trend for the last 6 months or the last year as well as the total real time consumption in the current month (not yet billed).

The total consumption is the total monthly resource consumption. The calculation formula is **total consumption = Pre-tax Cash Payment + Tax + voucher payment**. The order in which those are deducted from your account to make a payment is voucher > cash.

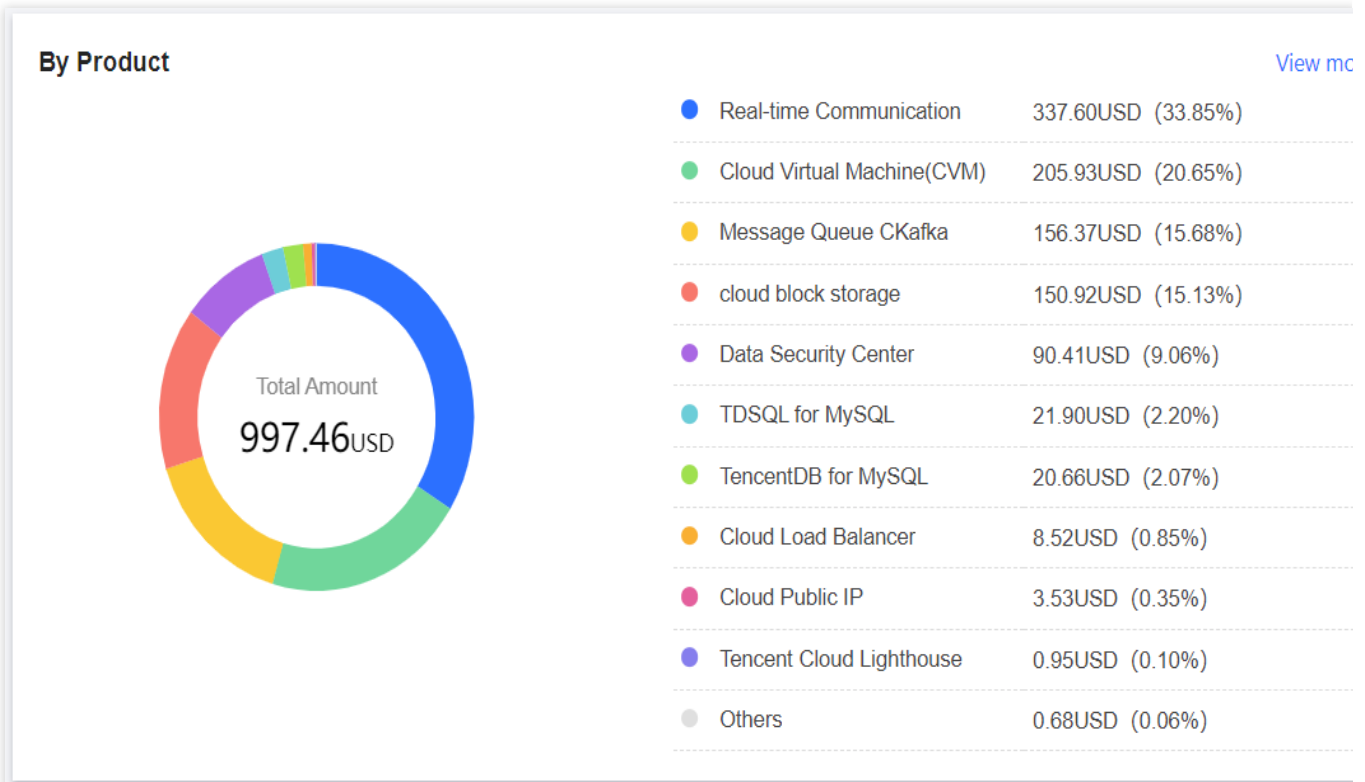
Note:

The total consumption in the current month contains real-time consumption data that may not have been billed yet. Therefore, the total consumption is not the final consumption and is for reference only. The final amount of total consumption is officially billed on the third day of the next month.



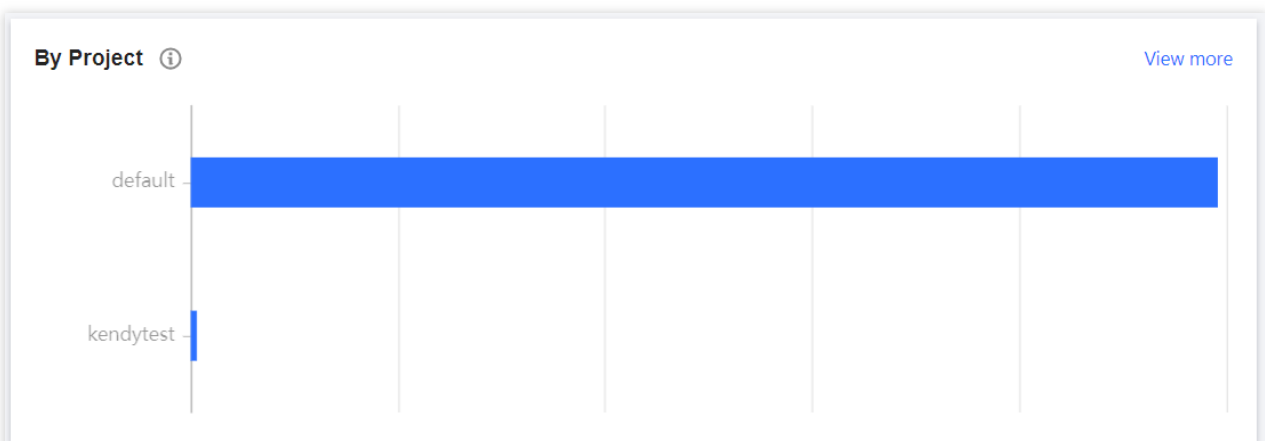
Consumption by product

This shows your monthly consumption details summarized by product. You can view each product's monthly consumption and their proportion of the total consumption. You can click **View More** to enter the **Consumption summary** page and view consumption details by product.



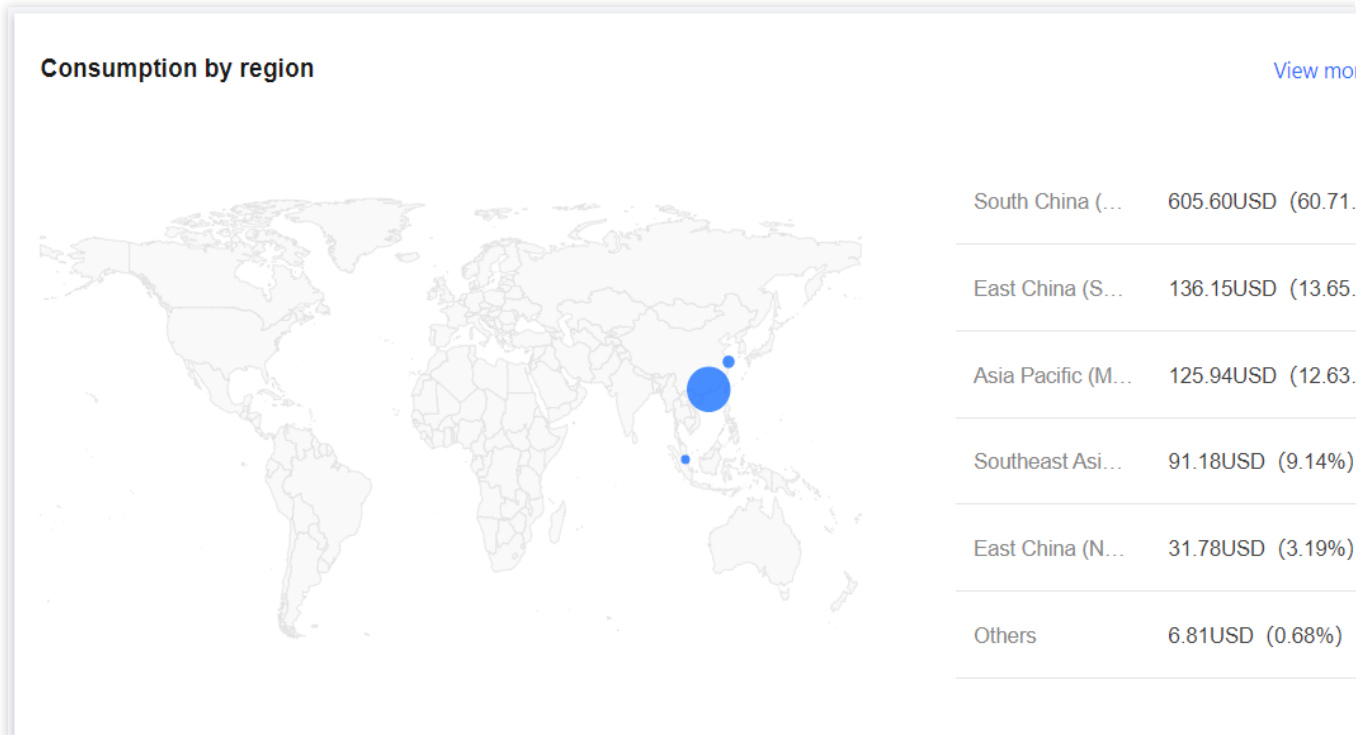
Top 10 projects by consumption

This shows your top 10 projects with the highest monthly consumption. You can click **View More** to enter the **Consumption summary** page and view consumption details by project.



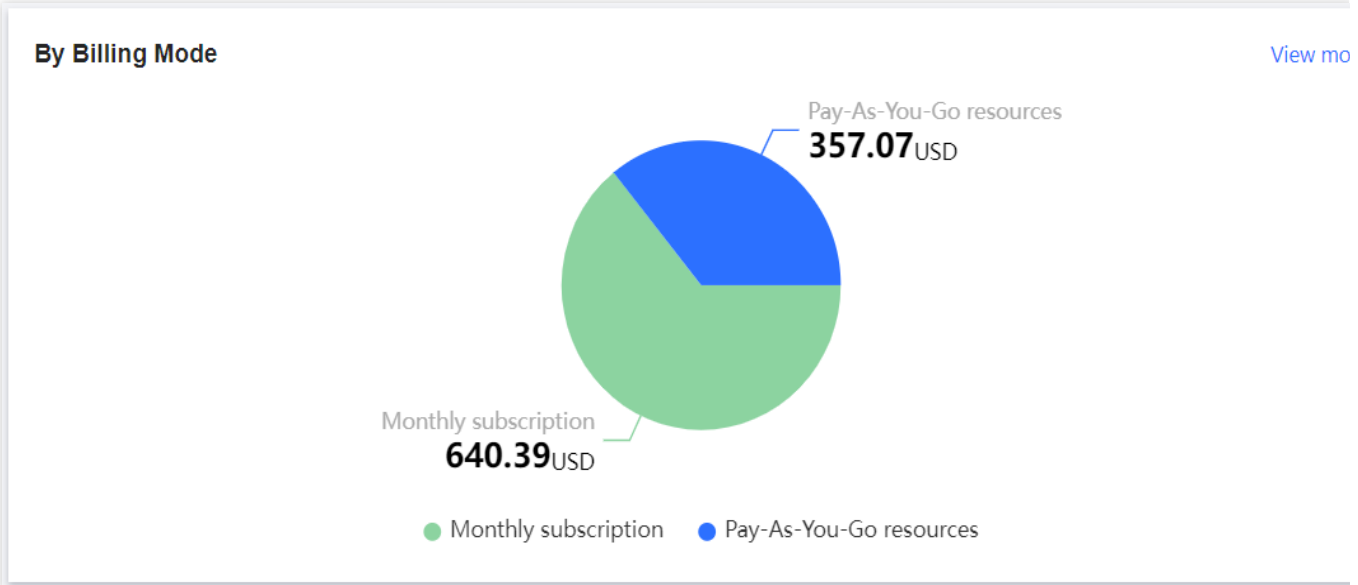
Consumption by region

This shows your monthly consumption details summarized by region. You can view each region's monthly consumption and their proportion of the total consumption. Click **View More** to enter the **Consumption summary** page and view consumption details by region.



By Billing Mode

Summarize according to the billing mode of Tencent Cloud products. The billing modes are monthly subscription and pay-as-you-go. Click **View more** to access the consumption summary page, where you can view the consumption summary by billing mode.



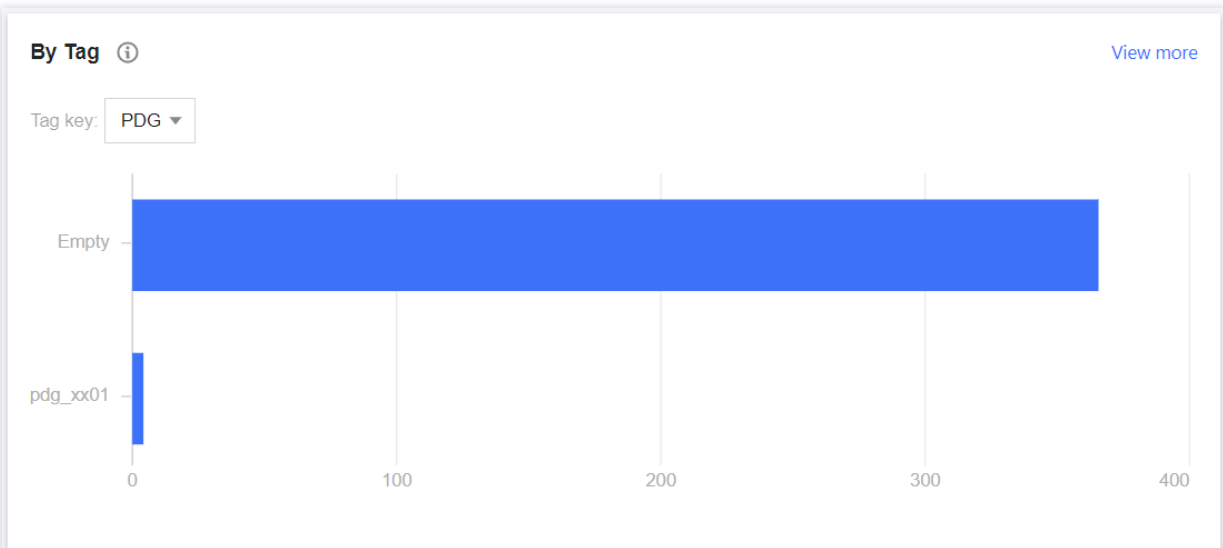
Note:

Subscription Resources: The cost of subscription resources is apportioned daily and aggregated to calculate the monthly cost.

Pay-as-you-go Resources: The cost of pay-as-you-go resources is calculated based on the actual usage time without apportionment.

Top 5 tags by consumption

This shows the top 5 tags associated with the highest monthly consumption. You can click **View more** to enter the **Consumption summary** page and view consumption details by tag.



Consumption Summary

The consumption summary page displays the consumption data summarized by various dimensions such as product, project, region, billing mode, and tag.

Consumption Bill
2024-01
 Bill storage Download

Consumption Overview
Consumption Summary
Bill by Instance
Bill Details
 Use legacy bill view
 New bill view

By Product

By Project

By Region

By Billing Mode

By Tag

Product Name	Cash Credit (USD)	Cash Payment (Ex...)	Tax Amount	Voucher Payments ...	Total Consumption (USD) ^①	Consumption Sta
Real-time Communication	-2.12	-1.98	-0.14	339.72	337.60	-- View trend
Cloud Virtual Machine(CVM)	189.63	174.17	15.47	16.30	205.93	MoM (Month-over-month) ↑ 248.79% View trend
Message Queue CKafka	0.00	117.00	10.54	28.83	156.37	-- View trend
cloud block storage	142.22	130.48	11.74	8.70	150.92	MoM (Month-over-month) ↑ 6.09% View trend
Data Security Center	8.32	83.02	7.39	0.00	90.41	MoM (Month-over-month) ↑ 4.86% View trend
TDSQL for MySQL	2.04	16.93	-0.03	5.00	21.90	MoM (Month-over-month) ↓ 38.39% View trend
TencentDB for MySQL	20.66	19.13	1.53	0.00	20.66	MoM (Month-over-month) ↓ 27.78% View trend

Summary by product

The monthly consumption details are summarized by product. You can view each product's consumption in the current month and a consumption trend for the last 6 months. You can also click a product name to enter the **Bill by instance** page and view the resource details of that product.

Summary by project

The monthly consumption details are summarized by project. You can view each project's consumption in the current month and a consumption trend for the last 6 months. You can expand a project to view all the products under that project, as well as their monthly consumptions and consumption trends. You can also click a product name to enter the **Bill by instance** page and view the resource details of that product.

Summary by region

The monthly consumption details are summarized by region. You can view each region's consumption in the current month and a consumption trend for the last 6 months.

You can expand a region to view all the products in that region, as well as their monthly consumption and consumption trends. You can also click a product name to enter the **Bill by instance** page and view the resource details of that product.

Summary by billing mode

Summarize costs according to the billing mode, enabling the review of monthly expenditures and the trend of consumption changes over the past six months for the specified region.

Expanding the corresponding **Billing Mode** reveals all cloud service products within the region, displaying their monthly expenditures and the trend of consumption changes over the past six months. Clicking a specific product name allows access to the resource billing page to view detailed information about the product's resources.

Summary by tag

The monthly consumption details are summarized by tag. You can view each tag's consumption in the current month and a consumption trend for the last 6 months.

You can expand a tag to view all the products under that tag, as well as their monthly consumptions and consumption trends. You can also click a product name to enter the **Bill by instance** page and view the resource details of that product.

Bill by instance

The monthly consumption details are summarized by instance ID. You can view, filter, and export monthly consumption details of an instance ID by project, region, billing mode, or tag.

Billing Retrieval: Supports both top and header filtering modes, with the addition of more filtering dimensions and the capability for multi-select filtering. It also supports cascading filtering, allowing for precise delineation of the filtering scope based on selected options, making operations more convenient.

Consumption Bill 2024-01 Bill storage Download

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Select filters and press Enter to search

Instance ID **97.46 USD** Do not display \$0 transactions

Select a filter

Instance ID

User UIN

Operator Account ID

Product Name

Subproduct Name

Billing Mode

Consumption Type

Instance Type

Project Name

In/Outside China

Region

Availability Zone

Tag

ID	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption	Operation
		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund a	Details
		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settl	Details
		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amo	Details
		Data Security Center	Data Security Center Package...	Monthly subscription	Default Project	Southeast Asia (...)	Singapore Zone 1	-	Renewal amo	Details
		Message Queue CK...	ckafka-profession	Monthly subscription	default	South China (G...	Guangzhou Zone 6	-	New purchas	Details
lhins-fj0pmial		Tencent Cloud Lighth...	Lighthouse Bundle (ENT-LINU...	Monthly subscription	default	Hong Kong/Mac...	Hong Kong Zone 1	-	Post-refund a	Details
cdb-ms1hmhxn		TencentDB for MySQL	cdb_master	Monthly subscription	default	South China (G...	Guangzhou Zone 2	-	New purchas	Details
tdsqlshard-ezp6qbsz		TDSQL for MySQL	TDSQL for MySQL-High IO-sin...	Monthly subscription	default	South China (G...	Guangzhou Zone 7	-	Post-refund a	Details
tdsqlshard-ezp6qbsz		TDSQL for MySQL	TDSQL for MySQL-High IO-sin...	Monthly subscription	default	South China (G...	Guangzhou Zone 7	-	Renewal amo	Details
ins-nsnm11d8		Cloud Virtual Machin...	CVM Standard S5	Pay-As-You-Go res...	default	East China (Na...	Nanjing Zone 1	-	Hourly settl	Details

Enter the filtering criteria in the search box, such as the product name, and click **Confirm** to filter out the billing details that only include the specified product.

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Product Name: Select filters and press Enter to search

All

cloud block storage

TencentDB for MySQL

Data Security Center

Message Queue CKafka

Cloud Load Balancer

Cloud Object Storage

Cloud Virtual Machine(CVM)

TDSQL for MySQL

Cloud Public IP

Tencent Cloud Lighthouse

Private DNS

Private DNS - Plus

Real-time Communication

Tencent Cloud Lighth...

ID	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption	Operation
		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund a	Details
		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settl	Details
		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amo	Details
		Data Security Center	Data Security Center Package...	Monthly subscription	Default Project	Southeast Asia (...)	Singapore Zone 1	-	Renewal amo	Details
		Message Queue CK...	ckafka-profession	Monthly subscription	default	South China (G...	Guangzhou Zone 6	-	New purchas	Details
		Tencent Cloud Lighth...	Lighthouse Bundle (ENT-LINU...	Monthly subscription	default	Hong Kong/Mac...	Hong Kong Zone 1	-	Post-refund a	Details

Confirm Cancel

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Product Name: Private DNS Subproduct Name: Private DNS - Plus Select filters and press Enter to search

Total Consumption: **0.68 USD** Do not display \$0 transactions

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption Type	Operator
tf1ow-6985b0a0659ce		Private DNS	Private DNS - Plus	Monthly subscription	default	Other	Regardless of Regi...	-	New purchase ar	Details

Total items: 1 10 / page 1 / 1 page

Custom Fields: Categorize field information into five classifications: Product Information, Order Information, Billing Information, Deduction Information, and Settlement Information.

1. Click the settings icon in the upper right corner to customize the list that displays fields as needed.

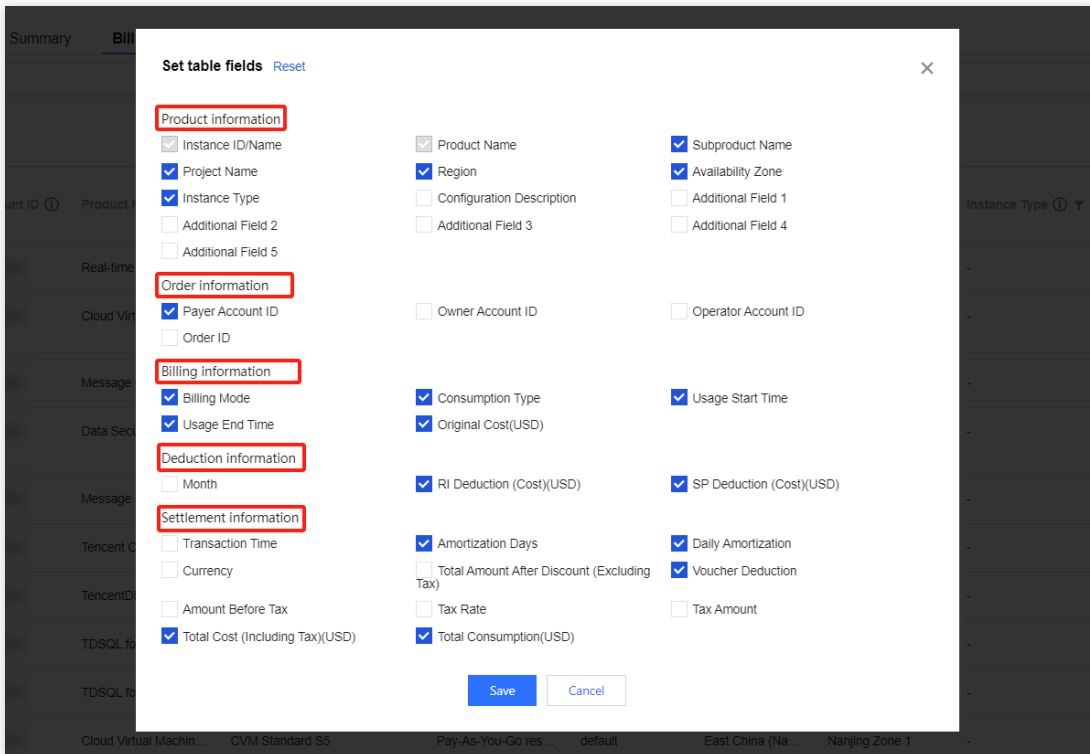
Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Select filters and press Enter to search

Total Consumption: **997.46 USD** Do not display \$0 transactions

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption Type	Operator
1000126938		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund amo	Details
ins-imvlebba Unnamed		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settleme	Details
ckafka-k25boea		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amortiz	Details

2. After selecting the display fields as required, click **Save**.



Field Description: The resource and detailed billing statements now include additional field descriptions, facilitating a swift comprehension of the significance of each field.

Consumption Overview Consumption Summary **Bill by Instance** Bill Details

Select filters and press Enter to search

Total Do not display \$0 transactions

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption Type	Usage Start Time	Operator
1000126938		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund amortization	2024-01-17 00:00	Details
ins-Invlebbba Unnamed		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settlement	2024-01-05 16:31	Details
ckafka-kz25boea		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amortization	2024-01-04 00:00	Details
4 TXCA-3		Data Security Center	Data Security Center Package...	Monthly subscription	Default Project	Southeast Asia (...)	Singapore Zone 1	-	Renewal amortization	2024-01-04 00:00	Details

Details: Click the **Details** in the operation column for each resource.

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Select filters and press Enter to search

Total Consumption: **997.46 USD** Do not display \$0 transactions

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption Type	Usage Start Time	Operatio
1000126938		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund amortization	2024-01-17 00:00	Details
ins-imv4ebba Unnamed		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settlement	2024-01-05 16:31	Details
ckafka-kz25boea		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amortization	2024-01-04 00:00	Details
4 TXCA-3		Data Security Center	Data Security Center Package...	Monthly subscription	Default Project	Southeast Asia (...)	Singapore Zone 1	-	Renewal amortization	2024-01-04 00:00	Details
ckafka-pkwxeazo		Message Queue CK...	ckafka-profession	Monthly subscription	default	South China (G...	Guangzhou Zone 6	-	New purchase amortization	2024-01-17 00:00	Details

You can view the details of this resource, its cost structure, and the cost trends over the past six months or a year.

Consumption Bill 2024-01

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bill

Select filters and press Enter to search

Total Consumption: **997.46 USD**

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region
1000126938		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China
ins-imv4ebba Unnamed		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China
ckafka-kz25boea		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (I
4 TXCA-3		Data Security Center	Data Security Center Package...	Monthly subscription	Default Project	Southeast AS
ckafka-pkwxeazo		Message Queue CK...	ckafka-profession	Monthly subscription	default	South China
lhns-f0pmlal		Tencent Cloud Lighth...	Lighthouse Bundle (ENT-LINU...	Monthly subscription	default	Hong Kong/H
cdb-ms1mhxn		TencentDB for MySQL	cdb_master	Monthly subscription	default	South China
tdsqlshard-ezp6qbsz		TDSQL for MySQL	TDSQL for MySQL-High IO-sin...	Monthly subscription	default	South China
tdsqlshard-ezp6qbsz		TDSQL for MySQL	TDSQL for MySQL-High IO-sin...	Monthly subscription	default	South China
ins-rsnm11d8		Cloud Virtual Machin...	CVM Standard S5	Pay-As-You-Go res...	default	East China

Total items: 165

Real-time Communication: 1000126938

Details [View bi](#)

Instance ID	Project Name	default
Resource Name	Usage Start Time	2024-01-17 00:00:00
User LIN	Usage End Time	2024-01-17 23:59:59
Product Name	Additional Field 1	-
Subproduct Name	Additional Field 2	-
Instance Type	Additional Field 3	-
Region	Additional Field 4	-
Availability Zone	Additional Field 5	-

Cost composition

Total Consumption **339.72USD** = Cash Payment (Excluding Tax) **0.00USD** + Tax Amount **0.00USD** + Voucher Paym **339.72**

Component	Usage	Period	Total Co...	Propor
Audio&Vid...	1000000.000000...	2 Day	339.72	100

Bill Details

This page shows the finest granularity of consumption data. The consumption details are displayed by day for prepaid resources and by deduction record for pay-as-you-go resources. You can view and export your bill details.

Supports both top and header filtering modes, with the addition of more filtering dimensions and the capability for multi-select filtering.

The screenshot shows the 'Bill Details' page in the Tencent Cloud Billing Center. At the top, there are navigation tabs: 'Consumption Overview', 'Consumption Summary', 'Bill by Instance', and 'Bill Details'. A search bar is present with the text 'Select filters and press Enter to search'. Below the search bar, a total amount of '97.45987591 USD' is displayed. A sidebar on the left lists various filterable fields such as Instance ID, User UIN, Operator Account ID, Product Name, Subproduct Name, Billing Mode, Consumption Type, Instance Type, Project Name, In/Outside China, Region, Availability Zone, Component Type, and Component Name. The main area contains a table with columns: Payer Account ID, Product Name, Billing Mode, Project Name, Region, Availability Zone, Instance Type, Subproduct Name, Consumption Type, and Transaction ID. The table lists several rows of data for Cloud Object Storage services. In the top right corner, there is a checkbox labeled 'Do not display \$0 transactions'.

The display of field information on the page can be customized via the settings in the top right corner.

Note :

Consumption bill data is updated daily, with an update latency of T+1.

Downloading Consumption Bills

The consumption bill file can be downloaded directly from the **webpage**, as a **bill package**, or through a **COS bucket**, offering three convenient methods for users.

Method one: Log in to the **Billing Center Console**, click on **Cost Management** > **Consumption Bill** in the left sidebar, then click **Bill by Instance/Bill Details**, and click the download icon to proceed.

Bill by Instance

Consumption Overview Consumption Summary **Bill by Instance** Bill Details Use legacy bill view New bi

Select filters and press Enter to search

Total Consumption: **997.46 USD** Do not display \$0 transactions

Instance ID/Name	Payer Account ID	Product Name	Subproduct Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Consumption Type	Usage Start Time	Operati
1000126938		Real-time Communic...	TRTC-Audio&Video	Monthly subscription	default	South China (G...	Guangzhou Zone 1	-	Post-refund amortization	2024-01-17 00:00:00	Details
ins-mvlebbba Unnamed		Cloud Virtual Machin...	CVM Standard SA4	Pay-As-You-Go res...	default	South China (G...	Guangzhou Zone 7	-	Hourly settlement	2024-01-05 16:31:46	Details
ckafka-kz25boea		Message Queue CK...	ckafka-profession	Monthly subscription	default	Asia Pacific (Mu...	India Zone 2	-	Renewal amortization	2024-01-04 00:00:00	Details

Bill Details

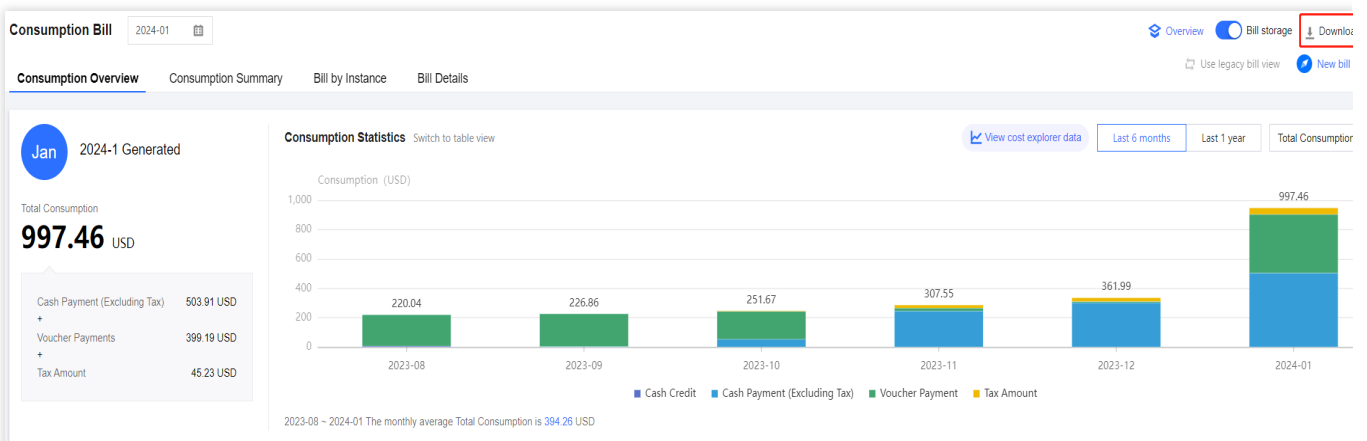
Consumption Overview Consumption Summary Bill by Instance **Bill Details** Use legacy bill view New bi

Select filters and press Enter to search

Total Consumption: **997.45987591 USD** Do not display \$0 transactions

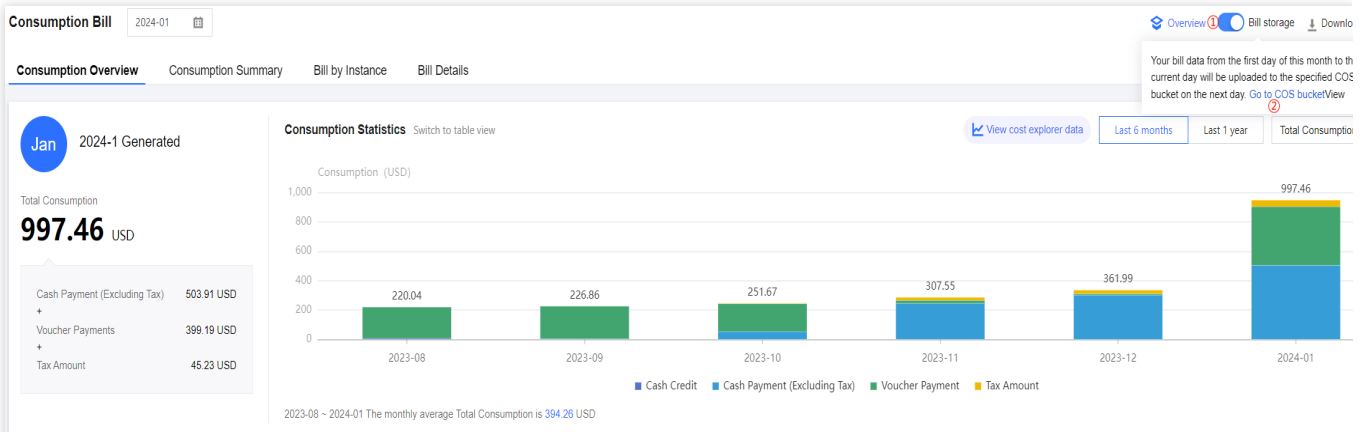
Instance ID/Name	Payer Account ID	Product Name	Billing Mode	Project Name	Region	Availability Zone	Instance Type	Subproduct Name	Consumption Type	Transaction ID
1111-1259393736 1111		Cloud Object Storage	Pay-As-You-Go res...	default	East China (Na...	Nanjing Zone 1	-	cos standard storage	Daily settlement	20240201724068727006022
1111-1259393736 1111		Cloud Object Storage	Pay-As-You-Go res...	default	East China (Na...	Nanjing Zone 1	-	cos standard storage	Daily settlement	20240201724068726977852
1111-1259393736 1111		Cloud Object Storage	Pay-As-You-Go res...	default	East China (Na...	Nanjing Zone 1	-	cos standard storage	Daily settlement	20240131724068501022052

Method two: Go to the [Consumption Bill](#) page and click **Download bill pack**. It is shown below:



Method three :

1. Go to the [Consumption Bill](#) page, hover your mouse over **Bill storage**, and in the pop-up window, click **Go to COS bucket**.



2. Select and click the corresponding **Bucket Name** in the list to open the COS bucket.

Bucket list

Information | Statistical Data

Scan the QR code to follow the Official Account | Documentation | API Documenta

Voice of the user: you are welcome to submit your requirements and suggestions on the functions/experience/documentation of COS products, and look forward to your voice! [Submit Now](#)

If a sub-account does not have permission to query the bucket list, it can go to [Access Path List](#) to add authorized bucket access paths.

[Create Bucket](#) | [Manage Permissions](#)

Bucket Name: [Dropdown] | Enter the bucket name [Search] [Refresh] [Download] [Settings]

Bucket Name	Access	Region	Creation Time	Operation
1111-1259393736	Specified user	Nanjing (China) (ap-nanjing)	2020-05-14 14:48:59	Monitor Configure More
13212-1259393736	Specified user	Nanjing (China) (ap-nanjing)	2020-04-28 18:27:26	Monitor Configure More
test-1259393736	Specified user	Nanjing (China) (ap-nanjing)	2022-01-05 20:05:54	Monitor Configure More

3. Select the relevant billing file and click **Download**.

[Upload Files](#) | [Create Folder](#) | [Incomplete Multipart Upload](#) | [Clear Buckets](#) | [More Actions](#)

Prefix search: Only objects in the current virtual directory are searched [Search] [Refresh] Total 7 objects 100 objects per page [Page Navigation]

Object Name	Size	Storage Class	Modification Time	Operation
consumption_bill_details.zip	359.40KB	STANDARD	2023-09-02 07:30:53	Details Preview Download More

Cost Explorer

Last updated : 2025-02-27 17:32:53

Cost Explorer

Cost Explorer is a basic feature of cost management. It helps you analyze your bill data flexibly and efficiently and gives you a clearer understanding of your cloud costs.

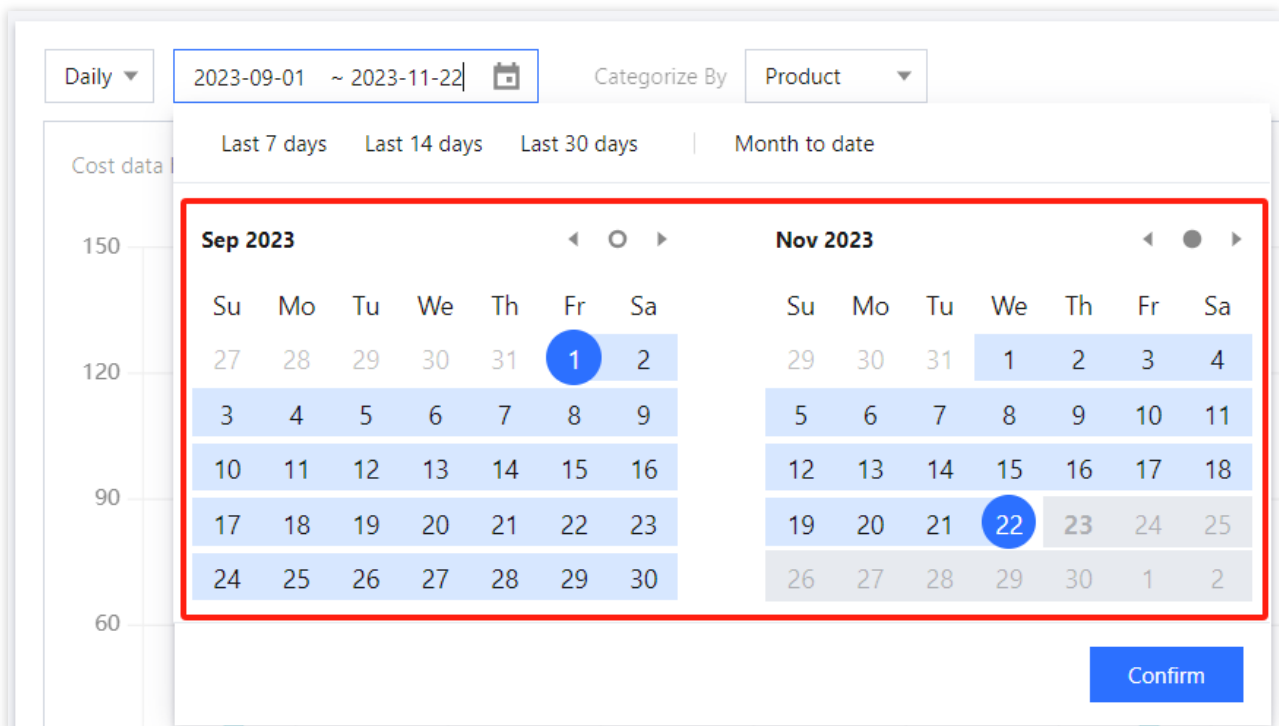
To use Cost Explorer, log in to the [Billing Center](#), and click **Cost Management** > [Cost Explorer](#) in the left sidebar to enter the Cost Explorer page.

Cost Explorer Features

Time period

Cost data can be displayed for a specified time period or a relative time period at hourly, daily, and monthly granularities.

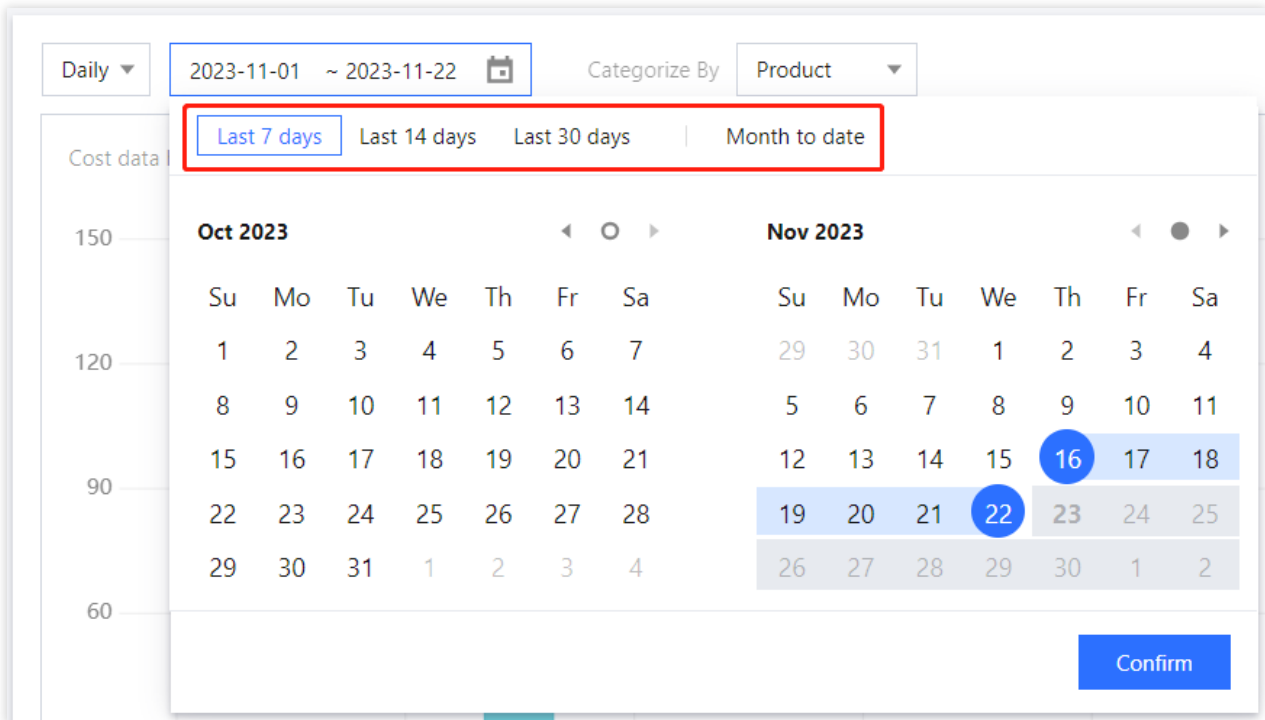
Specified period: Select the start date and the end date in the calendar.



Relative period: Select a time period from the top of the calendar. This is mainly used to automatically update a regularly occurring cost report.

Daily granularity supports the last 7, 14, and 30 days, and the month to date.

Monthly granularity supports the last 3, 6, and 12 months, and the year to date.

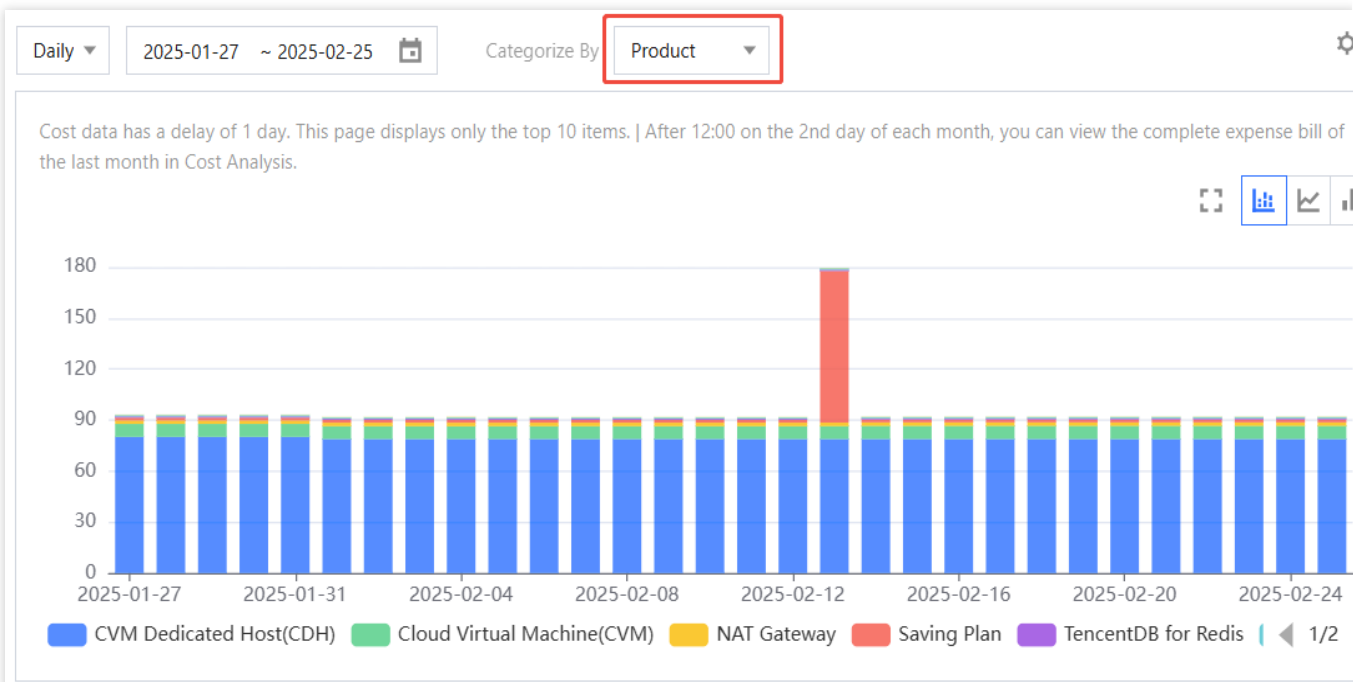


Note:

Hourly granularity supports a maximum of 30 days. Daily granularity can display data from within the last 180 days. Monthly granularity can display data from within the last 12 months.

Categories

You can select different categories to aggregate and display your costs based on different dimensions. One category can be selected at a time. The chart displays the categorized cost data over a certain period of time. Categories include spend type, bill type, product, subproduct, component type, component name, resource ID, region, availability zone, transaction type, billing mode, tag, project, payer account, and user account.



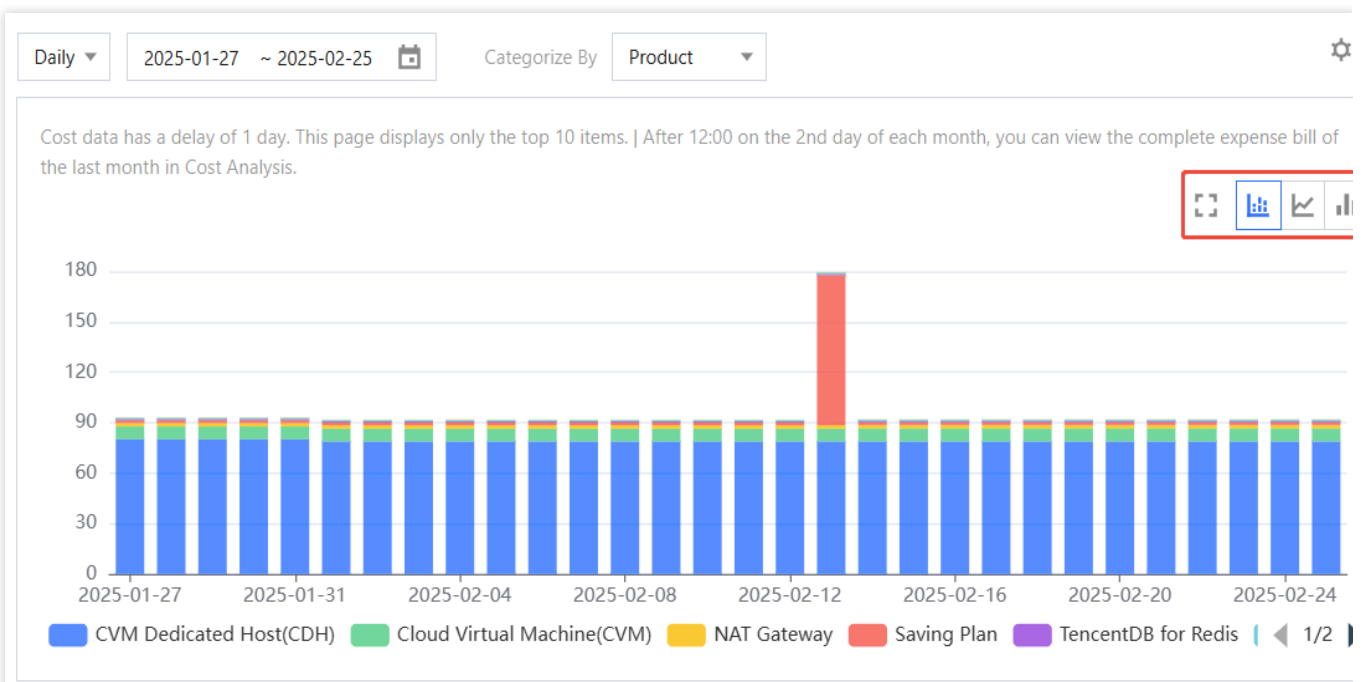
Note:

The organization account administrator can assign cost analysis viewing permissions to member accounts under "finance authorization". For more details, please refer to [Adding Organization Member](#).

The chart displays only the first 10 items for the selected category. Any remaining items are summarized as "others". You can view and download the full data in the Cost Details table displayed under the chart.

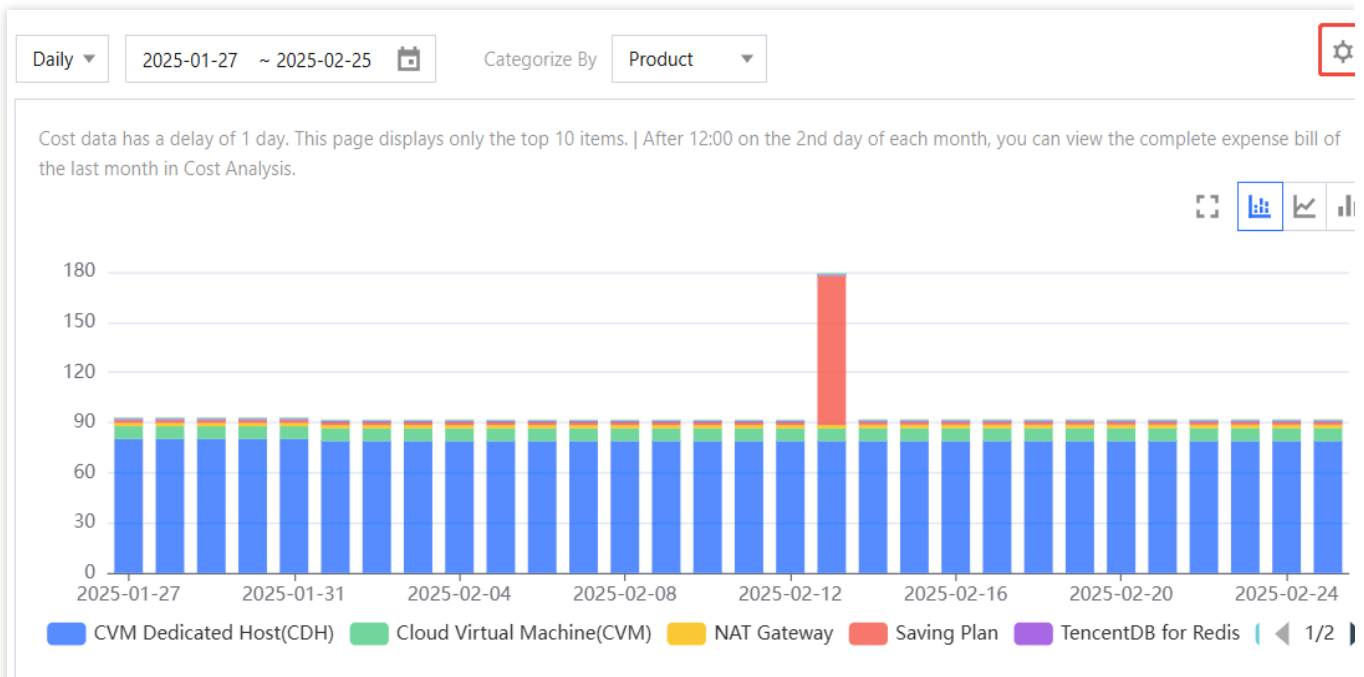
Chart types

You can change the chart type to stacked bar chart, line chart, and bar chart, and supports display in full screen.



Cost details

The detailed cost data supports pagination queries and downloads. Simply click the **download button** to export the data.



Note :

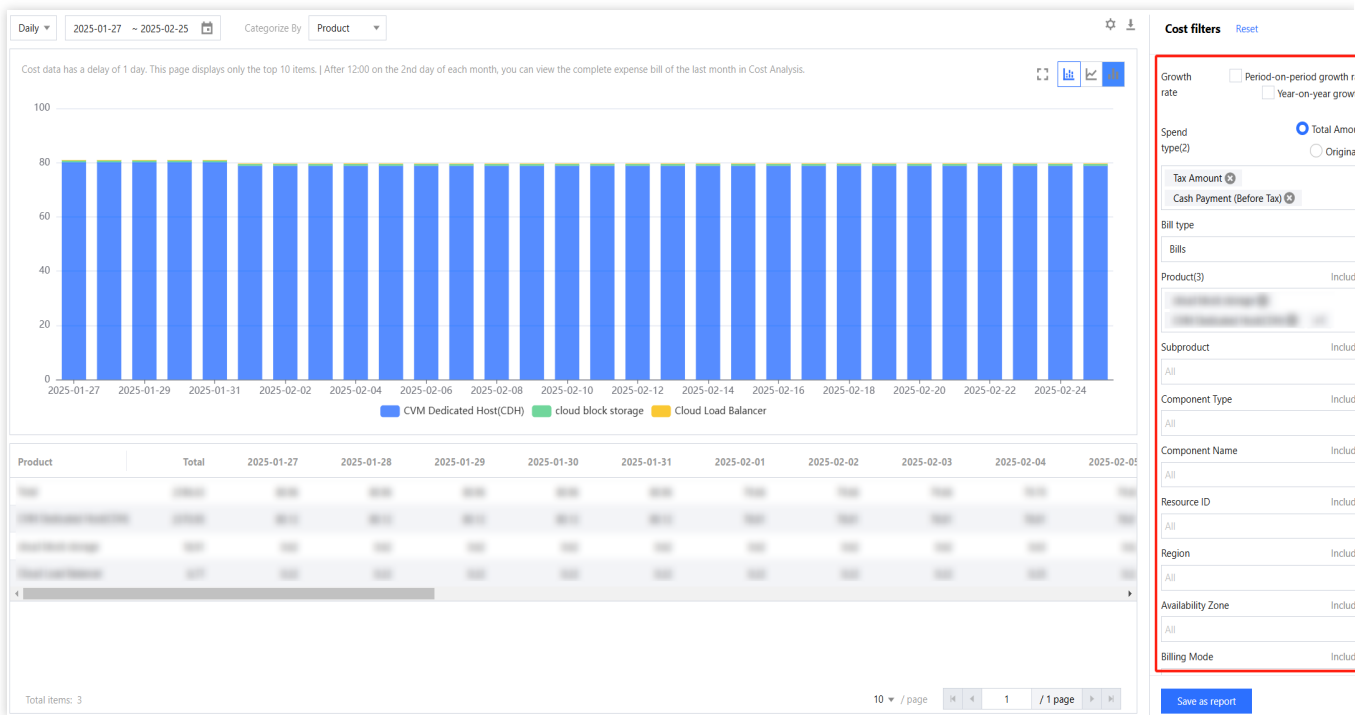
The **Settings** button allows for the customization of table **row height and shading**, as well as the **number of decimal places in charts** (supports two and eight places).

After selecting the growth rate as needed, click **download button**. The downloaded data includes **total cost summary by categorization dimensions**, **growth rate calculation data by categorization dimensions** in two sheets.

Advanced filters

Advanced filters allow you to further refine the target costs you want to display. You can filter costs by selecting multiple criteria to be included or excluded.

Advanced filtering capabilities include **MoM growth rate, YoY growth rate, spend type, bill type, product, sub-product, component type, component name, resource ID, region, availability zone, billing mode, transaction type/consumption type, tag, project, payer account, and user account**.



MoM/YoY Growth Rate

The MoM/YoY rate data information will be displayed in the cost analysis data.

Month-over-month: It compares with the previous adjacent statistical cycle, indicating the development and change of statistical indicators from period to period. Month-over-month bill focuses on reflecting the short-term changes in data. When using the month-over-month growth rate to reflect indicator changes, it has strong timeliness and is sensitive.

Year-on-year: It compares with the same period of the previous year, that is, comparing a certain time period of this year with that of the same period last year. It can be understood as the comparison between the nth month of this year and the nth month of last year. Compared with month-over-month, it focuses on reflecting **long-term trends** and can overcome the influence of seasonal fluctuations to a certain extent.

For the same field, when both historical development trends and short-term changes need to be considered, it is recommended to conduct comparative analysis by putting year-on-year and month-over-month together.

The calculation formula is:

$$\text{Growth rate} = (\text{Current period cost data} - \text{Previous period cost data}) / \text{Previous period cost data} * 100\%$$

$$\text{Year-on-year rate} = (\text{Current period cost data} - \text{Same period cost data of the previous year}) / \text{Same period cost data of the previous year} * 100\%$$

Detailed description of month-over-month/year-over-year calculation for different time granularities:

Time Granularity	Month-over-month	Year-on-Year
Monthly	Cumulative comparison with last month	Calculate the year-on-year indicator: cumulative comparison of this month with the same period last year.
Daily	Compared with	Calculate the month-on-month indicator: compared with the same day of

	the previous day	the previous month. In day-on-day comparison, if the amount for the current day cannot be found for the same day of the previous month, for example, if data for April 31st cannot be found when comparing with May 31st, obtain it according to the proximity principle and compare it with the data of April 30th.
By hour	Compared with the previous hour	Calculate the daily year-on-year indicator: compared with the same hour of the previous day.

Note:

If there is no data or the data is 0 in the previous period, the year-on-year and month-on-month rates are displayed as -. The calculation result is rounded to two decimal places, such as 88.88%.

Note that when querying by hour, the fee for the last hour of yesterday needs to be updated on T+2, so the growth rate corresponding to the last hour is -.

Spend types and bill types

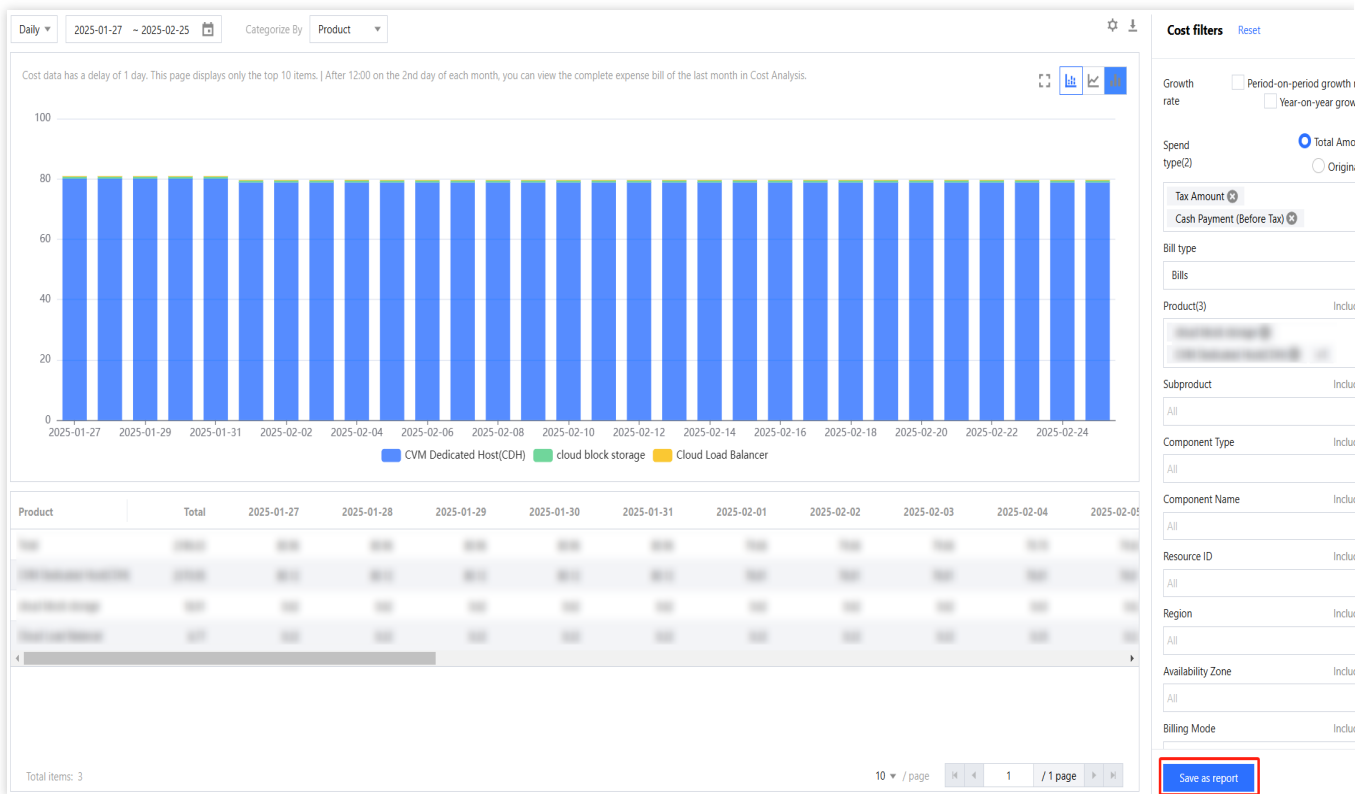
Spend types and bill types are integrated into standard analytical dimensions, supporting categorized summary queries and advanced filtering.

Spend Type: The default display is the total amount (the total price after discounts), which can be broken down into payment types such as cash, coupons, and gift money in the categorized summary. You can switch to the original price, and the data will reflect the original price bill, allowing for a comparison of the original price and the total cost difference in the categorized summary.

Bill Type: You have the option to toggle between bills and consumption bills (which needs to be enabled first). In the classification summary, both can be compared side by side on the same screen.

Cost Report

The cost report feature allows you to save the results of cost analysis as a report that can be easily referenced and shared. You can create a cost report from the Cost Explorer page, and you can edit or delete a report after it's created.



The report will save all the settings you configured in Cost Explorer. If the time is set to a relative time period, the cost report will be updated automatically.

Tencent Cloud provides three preset cost reports that can be viewed in the [Cost Report](#) page: Daily costs by service, Daily costs report, and Monthly costs by service. These preset reports cannot be modified or deleted.

Report name	Categorize By	Bill type	Spend type	Granularity	Time Range	Operation
Daily costs by service	Product	Bills	Total Amount	Daily	Last 30 days	View report Delete
Daily costs report	None	Bills	Total Amount	Daily	Last 60 days	View report Delete
Monthly costs by service	Product	Bills	Total Amount	Monthly	Last 6 months	View report Delete

Budget Management

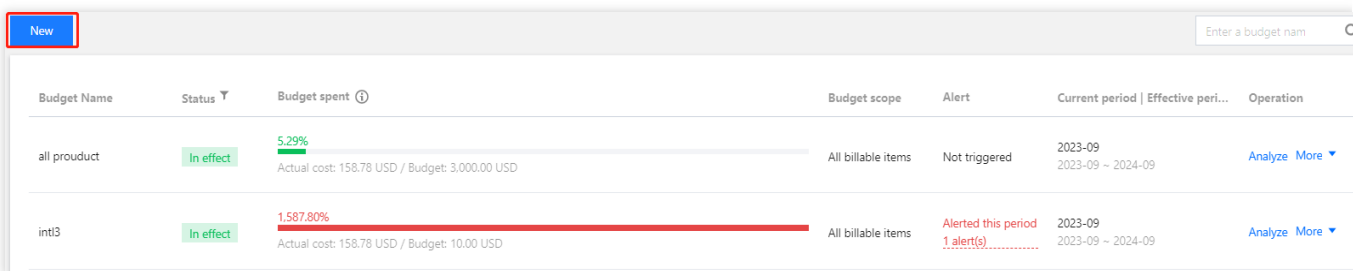
Last updated : 2024-07-18 10:27:10

Overview

The budget management feature is developed to meet the internal management needs of Tencent Cloud customers. It lets you configure, track, and analyze budgets to help control your costs.

Directions

1. Log in to the [Billing Center](#).
2. On the left sidebar, select **Cost Management > Budget Management** to enter the budget management page.
3. Click **New** to create a budget.



Budget Name	Status	Budget spent	Budget scope	Alert	Current period Effective peri...	Operation
all prouduct	In effect	5.29% Actual cost: 158.78 USD / Budget: 3,000.00 USD	All billable items	Not triggered	2023-09 2023-09 ~ 2024-09	Analyze More
intl3	In effect	1,587.80% Actual cost: 158.78 USD / Budget: 10.00 USD	All billable items	Alerted this period 1 alert(s)	2023-09 2023-09 ~ 2024-09	Analyze More

4. In the **Edit budget** window, configure the following:

1 Edit Budget >
2 Set alerts >
3 Confirm budget

Basic Information

Budget Name:

Remarks (optional):

Budget information

Budget Period:

Effective period: Specify a period
 Effective indefinitely
The budget will be effective during the period you specify

Effective period: to

Budgeting method:

Monthly Budget:

Budget scope

Budget scope: All billable items Custom

Advanced settings

Bill type:

Spend type:

Preview

[Cost Expl](#)

Set budget

2022-05 ~2023-04 (month-to-date) All billable

Month	Budget	Actual cost	Budget alert #1
2022-05	10	10	
2022-06	10	2100	
2022-07	10	2800	
2022-08	10	3200	
2022-09	10	1300	
2022-10	10	1800	
2022-11	10	1500	
2022-12	10	100	
2023-01	10	500	
2023-02	10	200	
2023-03	10	300	
2023-04	10	400	

Set alerts

Budget alert

Budget alert #1: Actual Cost exceeds12% of the budget amount

Fluctuation alert

No alerts set yet

Basics: Enter a name for the budget, which will be displayed in the budget list.

Budget information:

Budget period: Select a yearly, quarterly, monthly, or daily period for the budget.

Period type: A budget can be effective for a specified period or effective indefinitely. If the budget is effective indefinitely, it will continue being effective with no end time defined.

Note:

If your budget is effective indefinitely, there is no limit to the number of budget period cycles. This type of budget **only supports fixed budgeting**.

For a planned budget, you can enter specific budget amounts for up to 12 budget periods. Any additional budget periods will have the same amount as the 12th period.

Effective period: Specify the period of time during which the budget will be effective. If you selected **Effective indefinitely**, no end time will be defined.

Budgeting method: Select **Fixed** or **Planned**.

Budget amount: Enter the amount of cost you plan to incur during each budget period. For a fixed budget, enter a fixed amount that is applied to every budget period. For a planned budget, enter a specific amount for each period.

Budget scope:

We recommend selecting **All billable items** (selected by default).

You can also specify a **Custom** budget scope. Custom dimensions for defining a budget include product, subproduct, region, availability zone, billing mode, transaction type (consumption type), project, tag, **payer account, user account**.

Note :

Under each dimension, you can select multiple criteria based on your past consumption records.

Tencent Cloud Organization account can assign budget management permissions to member accounts in "Member Financial Authorization". For details, see [Adding Organization Member](#). After assigning permissions, TCO account can configure budgets for member accounts, and the configured budgets are displayed under TCO account.

Advanced settings: You can select cost attributes to further refine your budget.

We recommend selecting **Consumption bills** for bill type and **Total amount after discounts** for spend type.

For bill type, you can set the budget based on your standard bills or consumption bills. If you select consumption bills, you need to enable consumption bills first. The consumption bill type is usually used for managing amortized costs. You can also select the spend type you want the budget to be based on. For example, you can configure your budget to be based on the original price of orders without discounts applied, or you can set a budget specifically to track your cash spend and voucher deductions. The available spend types are **total amount after discounts, original price, cash, voucher deduction, free credit, and commission**.

Chart area: The chart area displayed on the right shows your cost history to help you configure your budget more accurately.

The auxiliary chart shows Cost Explorer data, and the displayed costs correspond to your configured settings. You can also go directly to the **Cost Explorer** page for more detailed cost analysis.

It also shows your budget amount and the alerts you configure for the budget.

Note:

For a daily budget, spend history from the past 20 days is displayed. For a monthly budget, the past 12 months are displayed. For a quarterly budget, the past 4 quarters are displayed. For an annual budget, yearly data is displayed.

5. After filling in all the information, click **Next** to configure alerts.

1 Edit Budget > **2** Set alerts > **3** Confirm budget

Threshold alert An alert is triggered if any of the following conditions (max 3) is met.

#1 Actual Cost exceeds Percentage of budgeted amount 10 %

+Add

Fluctuation alert You can set fluctuation alerts to quickly detect abnormally increased spend

#1 Actual Cost exceeds PoP (against yesterday) 5 %

+Add

Alert recipients

You can go to [Message Subscription](#) to set how and who to receive the alerts. View [Help Guide](#)

Preview Cost Explorer

Set budget

2022-10 ~ 2023-09 (month-to-date) All billable items

Set alerts

Threshold alert
Threshold alert #1 Actual Cost exceeds 10% of the budget amount

Fluctuation alert
Fluctuation alert #1 Actual Cost PoP (against yesterday) exceeds 5%

Budget alerts:

Actual cost: The alert is triggered based on the actual cost amount.

Against fixed value: The alert is triggered when a certain fixed amount is reached.

Percentage of budgeted amount: The alert is triggered when a certain percentage of your budget amount is reached.

Fluctuation alert: Fluctuation alerts are triggered when your daily or monthly costs increase by an abnormal amount, which is calculated based on the fluctuation type you select. You can set up to 3 fluctuation alerts.

For a daily budget period, the following fluctuation types are available: PoP (against yesterday); MoM (against same day last month); Daily comparison (against fixed value)

For a monthly or longer budget period, the following fluctuation types are available: PoP (against yesterday); MoM (against same day last month); PoP (against last month).

The following shows how each fluctuation type is calculated:

Fluctuation Type	Calculation	Remarks
PoP (against yesterday)	$(\text{Today's amount} - \text{Yesterday's amount}) \div \text{Number of previous periods} \times 100\%$	To avoid analysis being impacted due to larger monthly settlement fees that occur on the 1st of each month, the PoP (against yesterday) and MoM (against same day last month) fluctuation types do not cover monthly settlement fees.

MoM	$(\text{Today's amount} - \text{Amount on same day last month}) \div \text{Number of days last month} \times 100\%$	If the amount from the same day last month cannot be obtained (for example, if today is May 31 and there is no data from April 31) the system will calculate fluctuation based on the amount from the closest available day (April 30).
PoP (against last month)	$(\text{This month's amount} - \text{Previous month's amount}) \div \text{Previous month's amount} \times 100\%$	-
Daily comparison	Today's amount > Fixed amount	-

Note:

For each budget, you can set up to three alert thresholds and up to three fluctuation alerts.

Alert recipients: To select alert recipients, go to the [Message Subscriptions](#) page in the console and select **Financial Issues > Budget Management**, and click **Modify Message Recipient**.

If you edit a threshold amount after an alert has been triggered, the alert will be resent the next time the system checks the threshold status.

If multiple alerts are triggered simultaneously, the alerts will be combined into a single alert notification.

The same alert will only be triggered once per monitoring cycle.

6. Click **Next** to confirm the budget.

Review the budget information, alert thresholds, alert details, and other settings for your budget. If they are all correct, click **Save**.

✔ Edit Budget >
 ✔ Set alerts >
 3 Confirm budget

Budget Information Edit

Basic Information

Budget Name: Monthly-Fixed
Remarks: 111

Budget information

Budget Period: Monthly
Period type: Specify a period
Start Time: 2023-04
Budgeting method: Fixed

Budget scope

Budget scope: All billable items

Advanced settings

Bill type: Bills
Spend type: Total Amount

Alert details Edit

Budget alert

Budget alert #1: Actual Cost exceeds 12% of the budget amount

Fluctuation alert

No alerts set yet

Back
Save
Cancel

Preview Cost Explor

Set budget

2022-05 - 2023-04 (month-to-date) All billable

Month	Budget	Actual cost	Budget alert #1
2022-05	~1000	~1000	No
2022-06	~2100	~2100	No
2022-07	~2800	~2800	No
2022-08	~3200	~3200	No
2022-09	~1400	~1400	No
2022-10	~1800	~1800	No
2022-11	~1600	~1600	No
2022-12	~500	~500	No
2023-01	~800	~800	No
2023-02	~500	~500	No
2023-03	~500	~500	No
2023-04	~500	~500	No

Set alerts

Budget alert

Budget alert #1: Actual Cost exceeds 12% of the budget amount

Fluctuation alert

No alerts set yet

Visual Analysis Panel

Click on a budget name in the budget list to enter the budget analysis panel to further analyze the historical performance of the selected budget. You can also edit, delete, or copy the budget.

← all product
Edit Copy

all product Current period: 2023-09

Budget spent ⓘ

5.96%

Actual cost: 178.7179986 USD / Budget: 3,000.00 USD

Alerted this period

0

alert(s)

Budget history ⓘ
Alert history
Cost analysis

Budget Period	Budget spent ⓘ	Budget difference ⓘ
Aggregate	<div style="display: flex; align-items: center;"> 5.96% <div style="flex-grow: 1; height: 10px; background: linear-gradient(to right, green 5.96%, lightgray 5.96%);"></div> </div> <p style="font-size: 8px;">Actual cost: 178.72 USD / Budget: 3,000.00 USD</p>	2,821.28
2023-09	<div style="display: flex; align-items: center;"> 5.96% <div style="flex-grow: 1; height: 10px; background: linear-gradient(to right, green 5.96%, lightgray 5.96%);"></div> </div> <p style="font-size: 8px;">Actual cost: 178.72 USD / Budget: 3,000.00 USD</p>	2,821.28

共 1 条
10 条 / 页
1 / 1 页

Basic Information

Budget Name: all product
Remarks: Empty

Budget information

Budget Period: Monthly
Period type: Specify a period
Effective period: 2023-09 ~ 2024-09
Start Time: 2023-09
Budgeting method: Fixed
Budget amount (USD): 3000

Budget scope

Budget scope: All billable items

Advanced settings

▶

Alert details

Threshold alert

Threshold alert #1: Actual Cost exceeds 10% of the budget amount

Fluctuation alert

No alerts set yet

Budget for the current period: You can view information about the current period's budget, including the amount of budget already spent, the budget amount compared to your actual costs, and the number of alerts triggered.

Budget history: You can view the historical status of your budget since the time it was created. The chart shows Cost Explorer data so you can view your actual costs against your budget for each budget period. You can also go directly to **Cost Explorer** for further analysis or go to **Alert History** to view the history of triggered budget alerts, including the alert time and alert content.

Budget information: On the right panel, you can view the settings for the selected budget. You can also edit, delete, or copy the budget.

Note:

To ensure your budget stays consistent and complete, if your budget changes, we recommend that you create a new budget instead of editing your existing budget.