

About Billing

Cost Allocation Management

Product Documentation



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Cost Allocation Management

Cost Allocation Units

Last updated : 2024-12-02 17:46:26

Background

Cloud resources are important costs. On the basis of querying and analyzing cloud resource costs by standard dimensions such as cloud products or resources, users expect the analysis and control of cloud costs by corporate (or personal) cost budget management dimensions such as departments and projects. To meet this demand, Tencent Cloud provides complete cost allocation management solutions and product capabilities based on such scenarios, realizing automatic collection and allocation of cloud resource costs according to the user's own cost allocation organization, and ultimately achieving lean analysis and control of cloud resource costs.

Currently, Tencent Cloud provides two cost allocation tools: cost allocation tags and cost allocation units. These tools can help you customize management and statistical analysis dimensions, thereby better fitting your various requirements for bill and cost analysis.

Cost Allocation Tags:

Tags are a collection used by users for classified management of resources based on their own needs. Tags used for cost allocation and cost analysis are called cost allocation tags, which can be identified and managed on the cost allocation tag side. Cost allocation tags are a simple cost allocation tool with relatively simple features, and are suitable for scenarios where cost allocation by a single dimension is required.

For example, a company may want to count the consumption of its cloud resources by project. It can create a tag, bind the created tag to resources, and set the tag as a cost allocation tag. For more details on how to operate cost allocation tags, see [Cost Allocation Tags](#).

Cost Allocation Units:

Cost allocation units are a custom organizational structure. You can customize cost allocation names and rules based on your cost analysis needs, and collect resource costs to achieve cost allocation. Compared to cost allocation tags, cost allocation units are a more advanced cost allocation tool with more powerful and flexible features, and are suitable for scenarios where cost allocation by multiple dimensions is required.

For example, a company with a more complex multi-level organizational structure may want to count the consumption of its cloud resources by its internal structure. In this case, you can create and manage your own cost allocation units, and set cost allocation rules and allocation proportion. When costs are incurred, Tencent Cloud will automatically collect them into corresponding cost allocation units based on the settings of cost allocation units, achieving automatic cost allocation and management.

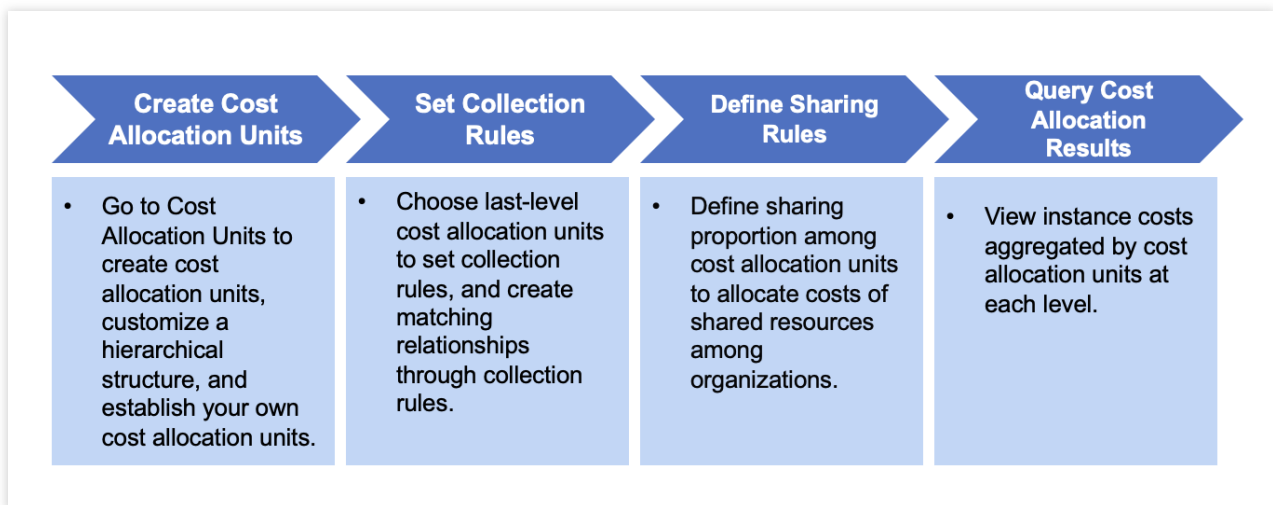
Cost Allocation Units

Overview of Cost Allocation Units

Cost allocation units are a tool used to collect and aggregate cloud resource costs or expenses based on rules. You can set cost allocation names and rules according to your cost analysis dimensions to collect Tencent Cloud resource costs and ultimately achieve cost allocation. They are used to establish a hierarchical structure in the form of a directory tree, and filter and collect cloud costs for analysis according to your custom structure to meet the user's multidimensional management and analysis needs for bill and cost analysis.

Features of Cost Allocation Units

You can customize the hierarchical structure of cost allocation units based on the needs of organizations such as departments, projects, and business lines. All costs incurred by resource instances can be classified accordingly. Before using cost allocation units, you need to establish them and define collection or sharing rules, ultimately realizing the viewing of costs aggregated by cost allocation units at each level. The practical steps are as follows:



Step 1: Creating Cost Allocation Units

You can go to Cost Allocation Units to create a directory tree of cost allocation units, customize a hierarchical structure (up to 6 levels are supported), and establish your own cost allocation units.

Step 2: Setting Collection Rules

Cost allocation units at intermediate level are solely for hierarchical classification. You can choose last-level cost allocation units to **set collection rules** (up to 3 layers of condition groups are supported).

According to the collection rules for cost allocation units, the system will assign resource instances to specified cost allocation units.

On the **Collected Resources** page, you can query the cost details of resources with set collection rules, and perform operations such as **setting custom fields, filtering, and download**.

If collection rules have been set, you can manage them on the collection rules page. Operations such as **editing rules** and **clearing rules** are supported.

Step 3: Defining Sharing Rules

For cloud resources shared by multiple organizations (such as networks and resource packages), sharing rules can be created to fairly allocate costs of shared resources among the organizations.

According to the configured sharing rules, the system will allocate costs to be shared to other cost allocation units.

If sharing rules have been set, you can manage them on the **Sharing Rule Management** page. Operations such as **deletion** and **editing** are supported.

Step 4: Querying Cost Allocation Results

By viewing the Resource Directory, you can obtain a list of information on all Tencent Cloud resource instances currently in use, as well as current allocation units and matching rules.

Go to Cost Allocation Bill to view resource instance costs aggregated by cost allocation units at each level.

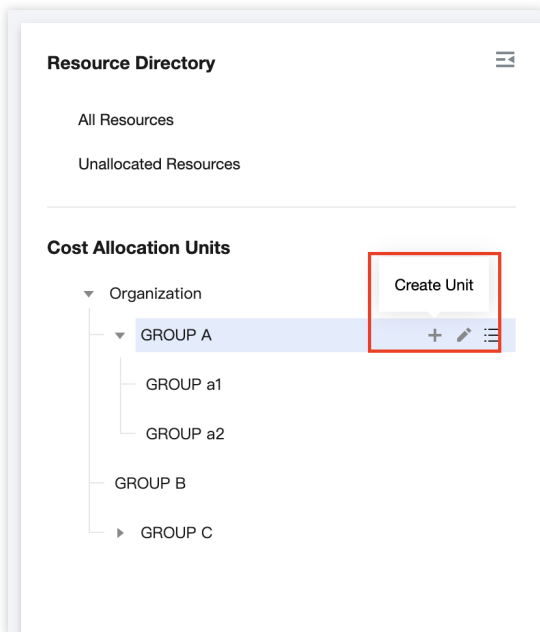
Directions

Scenario description: If you are a large enterprise and wish to automatically allocate and share cloud resource costs by your organizational structure's cost budget management dimensions such as departments and product lines, you can utilize Tencent Cloud's cost allocation units for lean analysis and control of cloud resource costs. The specific steps are as follows:

Creating Cost Allocation Units

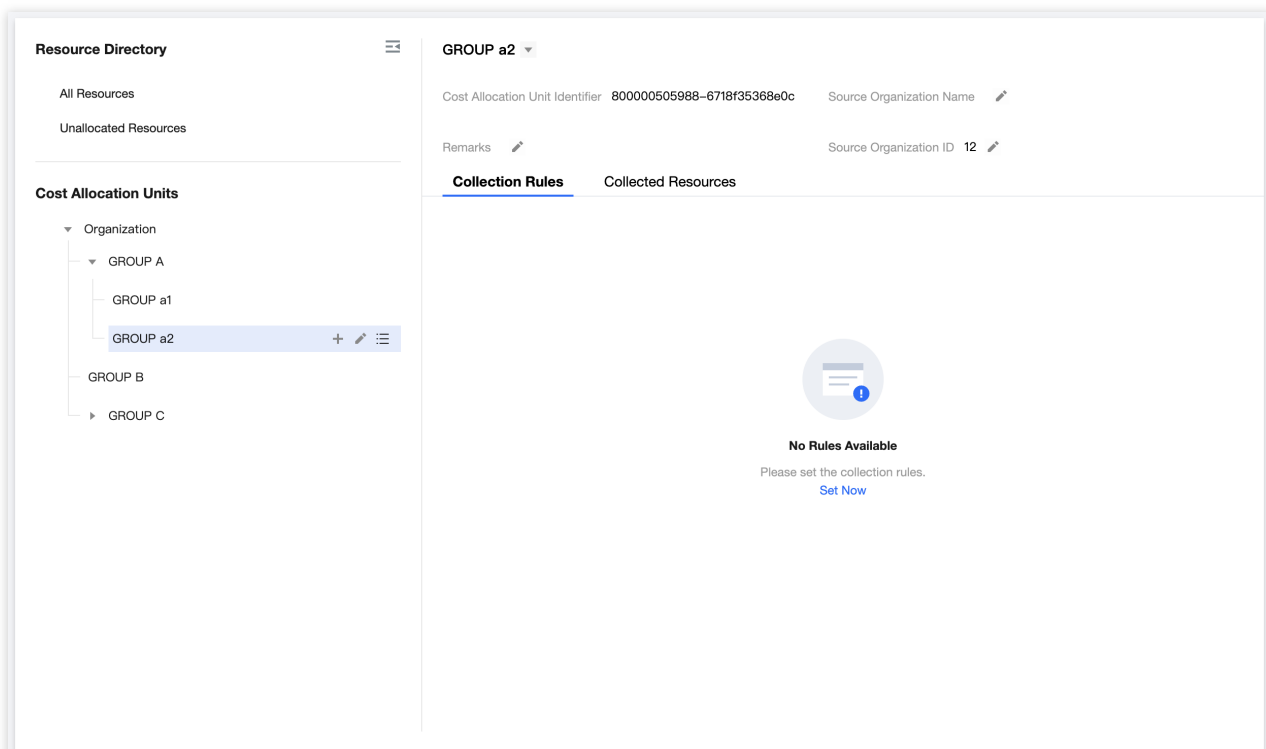
You can customize the structure of cost allocation units according to your departments and business lines. The steps to create a new unit are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.
3. Create a unit:
 - 3.1 Under the cost allocation unit directory, establish a hierarchical structure according to the needs for custom structure. Click Create Unit or Create Sub-unit (up to 6 levels are supported). Set the name of the cost allocation unit as needed, and click OK to successfully create it.



3.2 You can drag a cost allocation unit below another cost allocation unit to adjust the organization hierarchy of the directory tree.

3.3 You can click a cost allocation unit to view its details on the right, and can edit its information. Only last-level cost allocation units support setting collection rules and viewing collected resources.



Modifying Cost Allocation Units

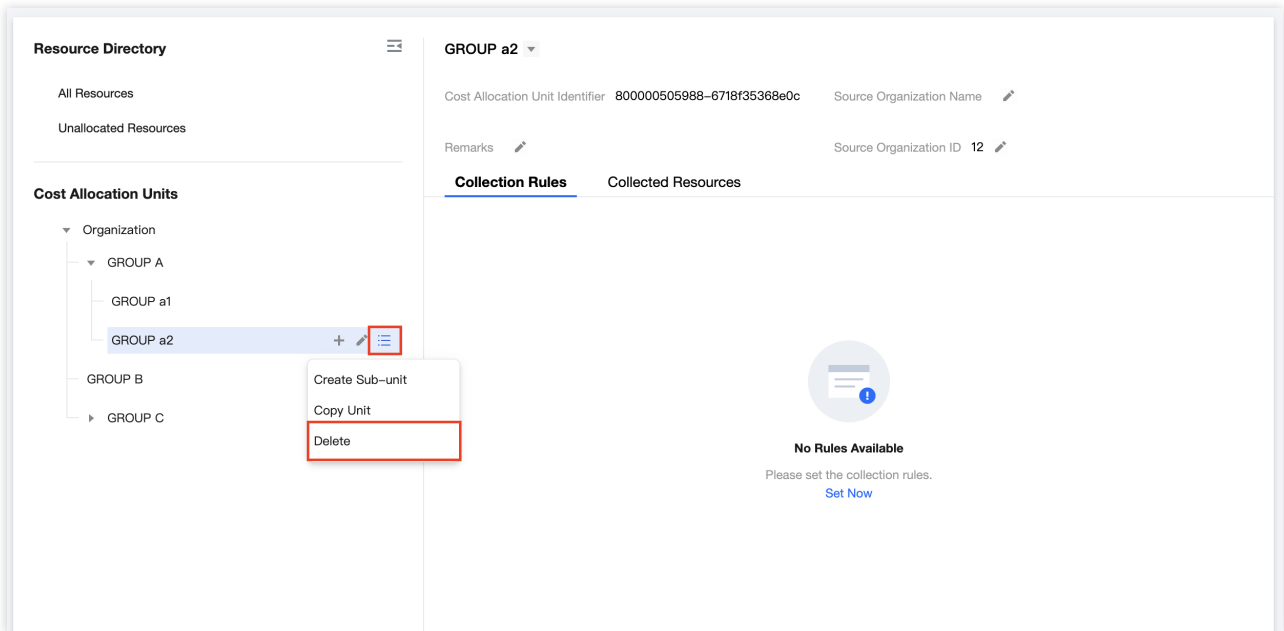
If you need to change the structure of established cost allocation units, including deleting, editing and copying units, the steps are as follows:

1. Log in to the [Billing Center](#) console.

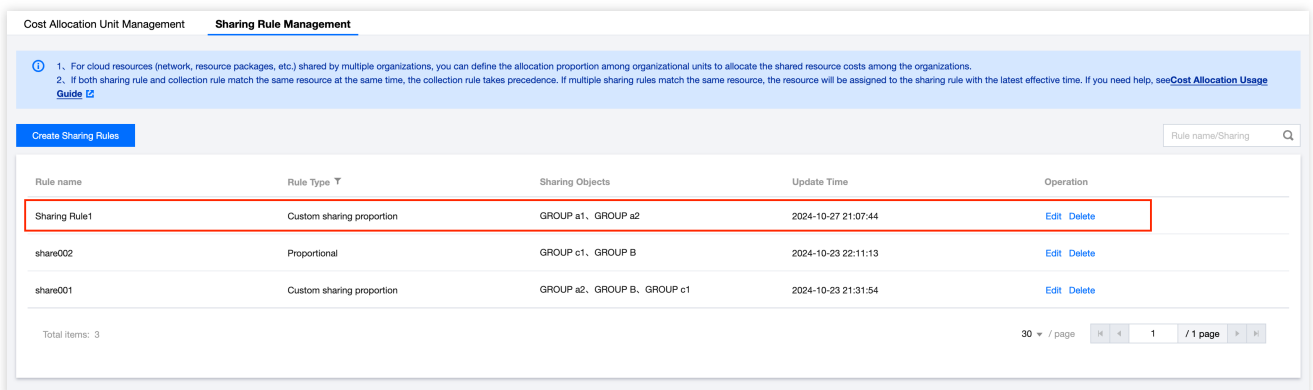
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.

Delete a unit:

Click **Delete** for a cost allocation unit. After deletion, the collection rules under this cost allocation unit will be cleared and cannot be restored.



If a box pops up, indicating that the cost allocation unit cannot be deleted, it means that there are sharing rules in effect under the cost allocation unit or its sub-unit, and deleting the unit will affect the execution of sharing. You can delete it after adjusting the sharing rules.

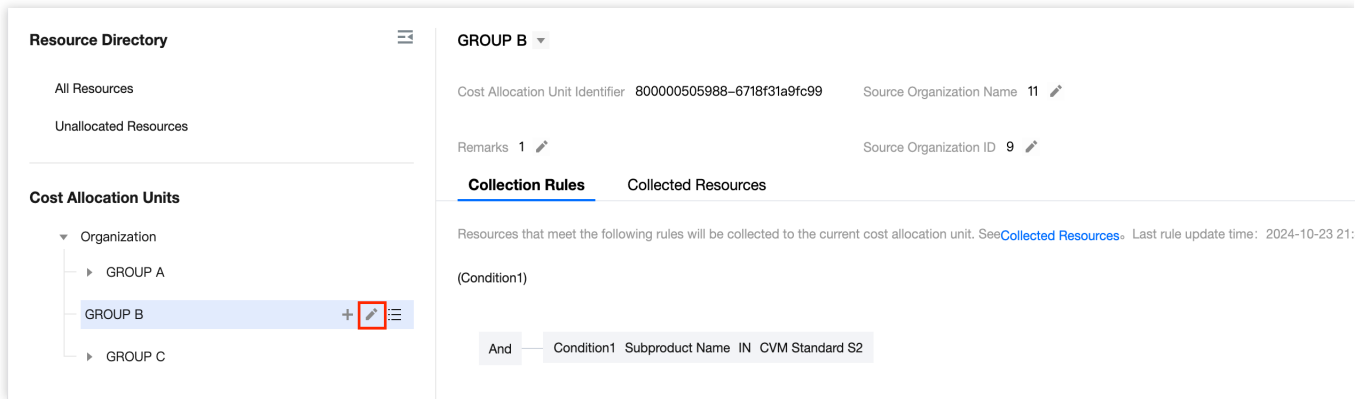


Edit a unit:

Click

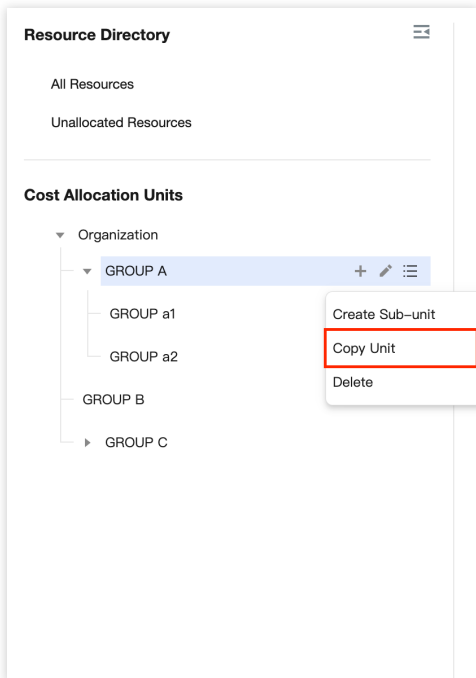


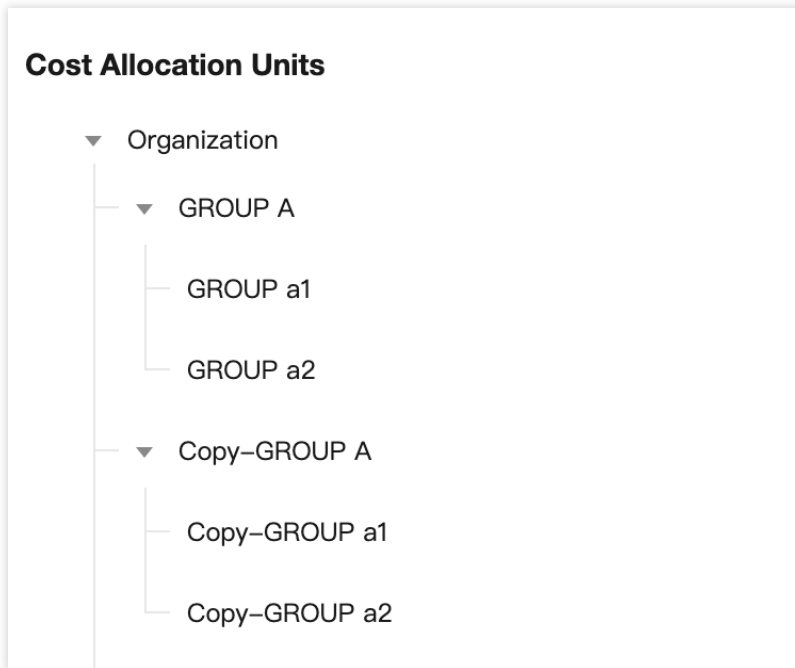
for a cost allocation unit to modify its name.



Copy a unit:

Click the **Copy Unit** button to generate a copy of a cost allocation unit. The copying operation only copies the hierarchical structure of the unit, and does not copy the set collection rules.





Querying/Adjusting Cost Allocation Units

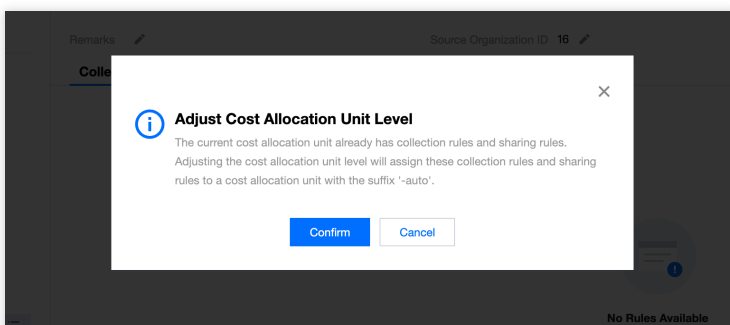
If you have established cost allocation units and need to query and adjust them, the steps are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.

Query: Under the cost allocation unit directory, you can view the set cost allocation units. The cost allocation unit directory tree supports expansion or collapse.

Adjust: Dragging operation is supported to adjust the organizational hierarchy of the directory tree.

Taking dragging the Financial Product below the Operation and Maintenance Product as an example. If the Operation and Maintenance Product has existing collection rules, the adjustment of the cost allocation unit level will lead to assigning the collection rules below a cost allocation unit with the suffix **-Auto**, and generating **Operation and Maintenance Product-Auto**.



Setting Collection Rules

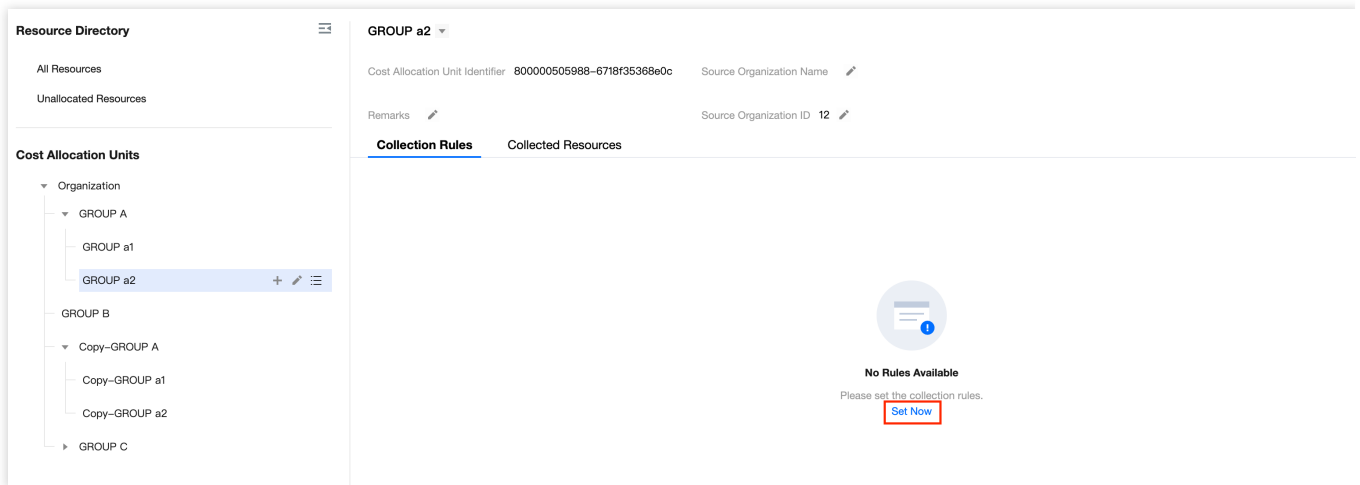
You have already established cost allocation units according to your departments and business lines. Now you can set collection rules, and the system will assign resource instances to specified cost allocation units according to these rules. The steps to create collection rules are as follows:

1. Log in to the [Billing Center](#) console.

2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.

3. Click a last-level cost allocation unit to set collection rules:

3.1 Click **Set Now**.



3.2 On the collection rules settings page, you can set rules as needed.

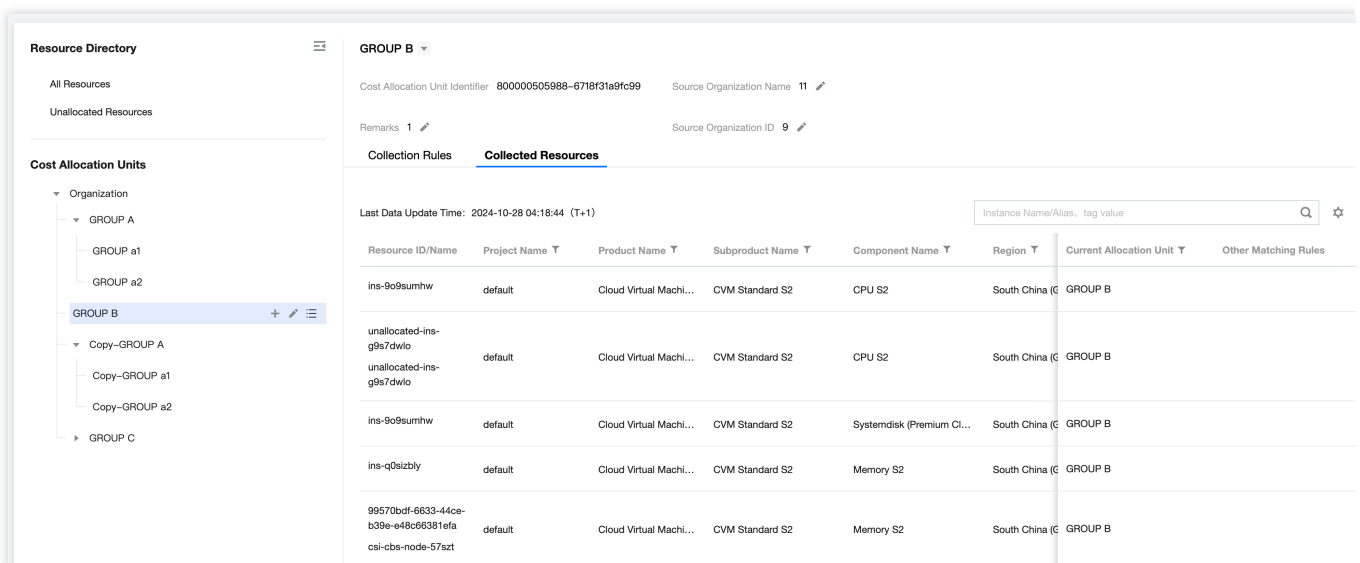
When collection rules are configured, the relationship between conditions and between condition groups can be And or Or (up to 3 levels of condition groups are supported).

The same condition collection can be set to IN or NOT IN.

3.3. Click **Apply Rule** to complete the setup.

4. Browse collected resources (effective on a T+1 basis, indicating that rules modified on the current day will lead to refreshing the resource ownership relationship and the current month's cost allocation billing data on the following day).

On the **Collected Resources** page, you can view the cost details of resources with set collection rules.



Notes:

Cost allocation units and collection rules take effect on a T+1 basis, indicating that rules modified on the current day will lead to refreshing the resource ownership relationship and the current month's cost allocation billing data on the

following day.

Cost allocation units and collection rules are saved on a monthly basis. Cost allocation units and collection rules of the current month must be modified before the 3rd of the following month, and cannot be modified after the 3rd of the following month.

Collection rules can be created only under the smallest cost allocation unit. If collection rules for multiple cost allocation units match the same resource, the resource will be assigned to the collection rule with the latest effective time.

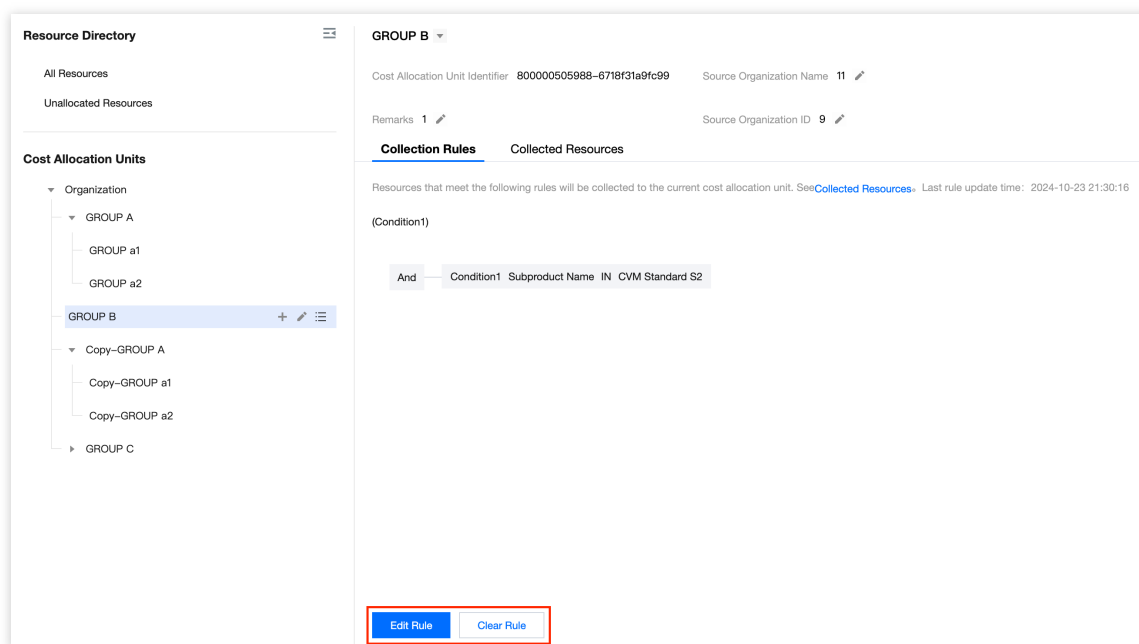
Editing/Clearing Collection Rules

If you need to change collection rules, the steps are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.
3. Click a last-level cost allocation unit. On the details page on the right, you can operate the cost allocation unit:

Edit a rule: Click **Edit Rule** to modify a collection rule, and then click Apply Rule to save the rule.

Clear a rule: Click **Clear Rule** to delete a configured rule.



Defining Sharing Rules

If multiple business departments in a company share a cloud resource, you can create a sharing rule to share resource costs based on the usage of different departments. The steps to create a sharing rule are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units > Sharing Rule Management**.
3. Go to the **Sharing Rule Management** page, and click **Create Sharing Rules**.

Cost Allocation Units 2024-10

Cost Allocation Unit Management **Sharing Rule Management**

1. For cloud resources (network, resource packages, etc.) shared by multiple organizations, you can define the allocation proportion among organizational units to allocate the shared resource costs among the organizations.
 2. If both sharing rule and collection rule match the same resource at the same time, the collection rule takes precedence. If multiple sharing rules match the same resource, the resource will be assigned to the sharing rule with the latest effective time. If you need help, see [Cost Allocation Usage Guide](#).

Create Sharing Rules

Rule name	Rule Type	Sharing Objects	Update Time	Operation
Sharing Rule1	Custom sharing proportion	GROUP a1, GROUP a2	2024-10-27 21:07:44	Edit Delete
share002	Proportional	GROUP c1, GROUP B	2024-10-23 22:11:13	Edit Delete
share001	Custom sharing proportion	GROUP a2, GROUP B, GROUP c1	2024-10-23 21:31:54	Edit Delete

Total items: 3 30 / page 1 / 1 page

4. Configuring Sharing Rules:

Basic Information

Sharing Rule Name

Define Shared Resources

Resources that meet the following rules will be collected to resources to be shared under the current rule.

(Condition1)

And Condition1 Tag environment Please select Please select

+ Add Condition + Add Condition Group

Sharing Objects

Cost Allocation Units

Sharing Proportion

Sharing Method Proportional Allocation by proportion Custom sharing proportion

Create Rule Cancel

4.1. On the Create Sharing Rules page, you can set the name of a sharing rule as needed.

4.2. Define a resource sharing rule, and collect the resource that meets the rule as a resource to be shared under the current rule.

4.3. Select sharing objects: Select established cost allocation units.

4.4. Set the sharing proportion: Proportional, Allocation by proportion, Custom sharing proportion.

Sharing Objects

Cost Allocation Units Copy-GROUP a1 Copy-GROUP a2 ▼

Sharing Proportion

Sharing Method Proportional Allocation by proportion Custom sharing proportion

Sharing Objects	Sharing Proportion
Copy-GROUP a1	50%
Copy-GROUP a2	50%
Total	100.00%

Sharing Objects

Cost Allocation Units Copy-GROUP a1 Copy-GROUP a2 ▼

Sharing Proportion

Sharing Method Proportional Allocation by proportion Custom sharing proportion

Sharing Objects	Sharing Proportion
Copy-GROUP a1	Actual expense proportion
Copy-GROUP a2	Actual expense proportion
Total	100.00%

Sharing Objects

Cost Allocation Units Copy-GROUP a1 Copy-GROUP a2 ▼

Sharing Proportion

Sharing Method Proportional Allocation by proportion Custom sharing proportion

Sharing Objects	Sharing Proportion
Copy-GROUP a1	<input type="text" value="0.00%"/>
Copy-GROUP a2	<input type="text" value="0.00%"/>
Total	0.00%

Proportional: equally proportional allocation among sharing objects.

Allocation by proportion: allocation based on the actual proportion of each sharing object.

Custom sharing proportion: custom sharing proportion for each sharing object.

5. After configuration, click **Create Sharing Rules** to complete the creation of the sharing rule.

Editing/Deleting Sharing Rules

If you need to modify, edit, or delete a sharing rule, the steps are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units > Sharing Rule Management**.
3. Edit/Delete a sharing rule:

3.1. Delete: Click the **Delete** button for the sharing rule to delete it.

3.2. Edit: Click the **Edit** button for the sharing rule to edit its contents, and click Save Rule to save it successfully.

Cost Allocation Units 2024-10

Cost Allocation Unit Management **Sharing Rule Management**

1. For cloud resources (network, resource packages, etc.) shared by multiple organizations, you can define the allocation proportion among organizational units to allocate the shared resource costs among the organizations.
 2. If both sharing rule and collection rule match the same resource at the same time, the collection rule takes precedence. If multiple sharing rules match the same resource, the resource will be assigned to the sharing rule with the latest effective time. If you need help, see [Cost Allocation Usage Guide](#)

Create Sharing Rules

Rule name	Rule Type	Sharing Objects	Update Time	Operation
Sharing Rule1	Custom sharing proportion	GROUP a1、GROUP a2	2024-10-27 21:07:44	Edit Delete
share002	Proportional	GROUP c1、GROUP B	2024-10-23 22:11:13	Edit Delete
share001	Custom sharing proportion	GROUP a2、GROUP B、GROUP c1	2024-10-23 21:31:54	Edit Delete

Total items: 3 30 / page / 1 page

Viewing Sharing Rules

If you need to view a sharing rule, the steps are as follows:

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units > Sharing Rule Management**.
3. Select the billing period of the cost allocation unit. Sharing rules of historical billing periods can be viewed. Click the **View** button for the sharing rule to view it. Click **Return** to go back to the list of rules.

Notes:

Sharing rules take effect on a T+1 basis, indicating that rules modified on the current day will lead to refreshing the resource ownership relationship and the current month's cost allocation billing data on the following day.

Sharing rules are saved on a monthly basis. Sharing rules of the current month must be modified before the 3rd of the following month, and cannot be modified but be viewed after the 3rd of the following month.

If both sharing rules and collection rules match the same resource, the collection rules take priority.

If multiple sharing rules match the same resource, the resource will be assigned to the sharing rule with the latest effective time.

Querying Cost Allocation Results

1. Log in to the [Billing Center](#) console.
2. On the left sidebar, select **Cost Allocation Management > Cost Allocation Units**.
3. Browse the Resource Directory:

All Resources: Click All Resources to display on the right a list of information on all Tencent Cloud resource instances currently in use, as well as current allocation units and matching rules.

Unallocated Resources: Click Unallocated Resources to display on the right a list of information on resource instances currently in use that have no cost allocation unit set.

The screenshot shows the 'All Resources' page in the Tencent Cloud console. On the left, there is a sidebar with 'Resource Directory' (containing 'All Resources' and 'Unallocated Resources') and 'Cost Allocation Units' (showing a tree structure with groups like GROUP A, GROUP a1, GROUP a2, GROUP B, Copy--GROUP A, Copy--GROUP a1, Copy--GROUP a2, and GROUP C). The main area displays a table of resources with columns: Resource ID/Name, Project Name, Product Name, Subproduct Name, Component Name, Region, Current Allocation Unit, and Other Matching Rules. The table contains several rows of resource data. At the top right, there is a search bar for 'Instance Name/Alias, tag value'. Below the table, it shows 'Total Items: 460' and pagination controls for '10 / page' and '1 / 46 pages'.

4. Cost allocation results support custom fields, download, and filtering.

Custom field settings: Click the field settings button to select the fields you want to display.

Download: Click the download button to download the current list.

Filtering: Top search and header filtering are supported.

This is a close-up view of the 'All Resources' table. A red box highlights the search bar at the top right, which contains the text 'Instance Name/Alias, tag value'. Another red box highlights the table header row, which includes columns: Resource ID/Name, Project Name, Product Name, Subproduct Name, Component Name, Region, Current Allocation Unit, and Other Matching Rules.

Related Operations

If you need to view directions for the cost allocation bill, see [Cost Allocation Bill](#).

Cost Allocation Bill

Last updated : 2024-12-02 17:46:26

Overview

Cost allocation means users' redistribution of fees or costs of cloud resources in their bills based on their own management or analysis needs. A cost allocation bill is a bill with finer granularity after redistribution.

Tencent Cloud achieves cost allocation by setting cost allocation units and cost allocation tags. For the setting of cost allocation units and cost allocation tags, see the documentation of [Cost Allocation Units](#) and [Cost Allocation Tags](#).

Description of Cost Allocation Bill Features

A cost allocation bill includes detailed expenses of all cost allocation units, and can clearly show the cloud resource usage and expense proportion of each department or project. Through the cost allocation bill, enterprises can more accurately understand the cloud resource usage of each department or project, so as to better control the budget and cost. You can choose the billing period, statistical dimension, and statistical period of the cost allocation bill as needed, and view the cost allocation bill.

The cost allocation bill shows statistical cost allocation results through **Overview, Product, Resources, and Component** dimensions, and the statistical period supports **Month and Day** dimensions.

It supports viewing collected costs, shared costs, and total costs separately.

It supports viewing the **Proportion, MoM** , and **Trend** of costs.

Cost Allocation Bill

- 1. If the user's activation date is after the 3rd, the cost allocation billing data is available for data queries from the activation month. If the user's activation date is before the 3rd, the cost allocation billing data is available for data queries from the month before the activation month.
- 2. Cost allocation bills are issued on a T+1 basis and can be checked after 9 AM daily for the previous day's data. Monthly bills are issued on the 2nd of the following month. It is recommended to check the previous month's cost allocation bills after 9 AM on the 2nd.
- 3. Cost allocation units and collection rules are saved monthly. Modifications to the current month's cost allocation units and rules must be completed by the 3rd of the following month. After the 3rd, the previous month's billing data will no longer be updated. If you need help, see [Cost Allocation Usage Guide](#)

Period:

Statistical Dimension: Overview Product Resources Component

Period: Month Day

Total Cost (Including Tax): 719.37USD = Total Amount After Discount (Excluding Tax) 719.37USD - Voucher Deduction 0.00USD + Tax Amount 0.00USD ⚙

Cost Allocation Units ⓘ	Total Cost (Total Cost (Including Tax)) ⓘ	Proportion (Total Cost (Including Tax)) ⓘ	MoM (Total Cost (Including Tax))	Trends
▼ Organization	834.56	116.01	↑ 0.00%	View trend
▶ GROUP A	0.06	0.01	↑ 0.00%	View trend
GROUP B	834.49	116.00	↑ 0.00%	View trend
▶ GROUP C	0.00	0.00	↑ 0.00%	View trend
Unallocated	-115.18	0.00	--	View trend

Notes:

If the user's activation date is after the 3rd, the cost allocation billing data is available for data queries from the activation month. If the user's activation date is before the 3rd, the cost allocation billing data is available for data queries from the month before the activation month.

Cost allocation bills are issued on a T+1 basis and can be checked after 9 AM daily for the previous day's data. Monthly bills are issued on the 2nd of the following month. It is recommended to check the previous month's cost allocation bills after 9 AM on the 2nd.

Cost allocation units and collection rules are saved monthly. Modifications to the current month's cost allocation units and rules must be completed by the 3rd day of the following month. After the 3rd, the previous month's billing data will no longer be updated.

Directions

1. Log in to the [Billing Center](#) console.
2. In the left sidebar, select **Cost Allocation Management > Cost Allocation Bill**.
3. Select the data range you need to query: Period, Statistical Dimension, and Statistical Period.
4. Click **Custom Field Settings**, tick the fields you want to view, untick the fields you do not want to view, and then click **Save**.
5. Click **Export** to go to the Download Records page to download the file.

Total Cost (Including Tax):719.37USD = Total Amount After Discount (Excluding Tax) 719.37USD - Voucher Deduction 0.00USD + Tax Amount 0.00USD

Cost Allocation Units ⓘ	Cost(Total Cost (Including Tax)) ⓘ	Shared Cost(Total Cost (Including Tax)) ⓘ	Total Cost(Total Cost (Including Tax)) ⓘ	Proportion
Organization		0.00	834.56	116.01
GROUP A		0.00	0.06	0.01
GROUP B		0.00	834.49	116.00
GROUP C		0.00	0.00	0.00
Unallocated		0.00	-115.18	0.00

Field Description

Field Name	Field Description
Cost Allocation Unit	The name of the organizational unit set by the customer for cost allocation.
Cost Allocation Type	Cost source types: shared, collected, and unallocated.
Date	Settlement date.
Payer Account ID	The account ID of a payer, which is the unique identifier of a Tencent Cloud user.
Owner Account ID	The account ID of an actual resource user.
Operator Account ID	The account ID of an operator (the ID or role ID of the resource account activated by pre-paid resource ordering or pay-as-you-go operation).
Billing Mode	The billing mode of resources, which can be monthly subscription or pay-as-you-go billing.
Transaction Type	Detailed transaction type.
Order ID	The ID of the order in the monthly subscription mode.
Transaction ID	The ID of the settlement fee deduction transaction.
Transaction Time	The time of the settlement fee deduction transaction.
Usage Start Time	The time at which product or service usage starts.
Usage End Time	The time at which product or service usage ends.

Product Name	The name of a Tencent Cloud product purchased by the user, such as CVM.
Subproduct Name	The subcategory of a Tencent Cloud product purchased by the user, such as CVM – Standard S1.
Region	The region to which a resource belongs, such as South China (Guangzhou).
Availability Zone	The availability zone to which a resource belongs, such as Guangzhou Zone 3.
Instance ID	The instance ID of a billed resource. It may vary due to various forms and contents of resources in different products. For example, CVM is the corresponding instance ID, while COS is the corresponding bucket ID.
Configuration Description	The name and corresponding usage (total usage for a component billed by cumulative usage) of each component under a resource displayed in a resource bill.
Component Configuration	The information on various configuration specifications displayed in the detailed bill.
Instance Name	The resource name set by the user in the console. If not set, it will be empty by default.
Instance Type	The instance type of a product or service purchased, which can be resource package, RI, SP, or spot instance. "-" is shown by default for regular instances.
Tag Key1-N	All tags bound to a resource.
Tag Key: xxx	The tag bound to a resource. For details, see Cost Allocation Tags .
Project name	The project to which a resource belongs. The user assigns a resource to a project in the console. If a resource has not been assigned to a project, it will automatically belong to the default project.
Component Type	The component type of a product or service purchased by the user.
Component Name	The specific component of a product or service purchased by the user.
Component List Price	The original unit price of a component on the official website (if the customer enjoys a fixed price/contract price, it is not displayed by default).
Component Contracted Price	The contracted unit price of a component, which is list price x discount.
Component Price Measurement Unit	The unit of measurement for a component price, which is composed of USD, usage unit, and duration unit.
Component Usage	The actual usage of a component. Component Usage = Original Component Usage - Deductible Usage (including Resource Packages).
Component Usage	The unit of measurement for component usage.

Unit	
Usage Duration	The duration of resource usage. Usage Duration = Original Component Usage Duration - Deductible Duration (including Resource Packages).
Duration Unit.	The unit of measurement for resource usage duration.
Additional Attribute	Other remarks, such as the instance type and transaction type of a reserved instance (for example: s1.18px, One-off RI fee) or regional information on both ends of CCN product (for example: Shanghai - Beijing).
RI Deduction (Duration)	The usage duration deducted from a reserved instance used for this product or service.
RI Deduction (Cost)(USD)	The original component price deducted from a reserved instance used for this product or service.
SP Deduction	The savings plan deduction amount.
SP Deduction Rate	The discount multiplier that applies to the component based on the remaining commitment of the savings plan.
SP Deduction (Cost)(USD)	$SP\ Deduction(Cost)(USD) = SP\ Deduction / SP\ Deduction\ Rate.$
Discount Multiplier	The discount multiplier enjoyed by this resource (if the customer enjoys a fixed price/contract price, it is not displayed by default, and also not displayed in refund scenarios by default).
Blended Discount Multiplier	The final discount multiplier after various discount deductions are applied. $Blended\ Discount\ Multiplier = Total\ Amount\ After\ Discount / Original\ Cost.$
Total Amount After Discount (Excluding Tax)	$Total\ Amount\ After\ Discount\ (Excluding\ Tax) = [Original\ Cost - RI\ Deduction\ (Cost) - SP\ Deduction\ (Cost)] * Discount\ Multiplier.$
Voucher Deduction(USD)	The amount paid with various vouchers (such as promo vouchers and cash vouchers).
Amount Before Tax	Pretax amount after voucher deduction.
Tax Rate	Tax rate.
Tax Amount	Tax amount.
Currency	The currency used for the settlement of a component.
Product Code	The code corresponding to the Product Name field.

Subproduct Code	The code corresponding to the Subproduct Name field.
Component Type Code	The code corresponding to the Component Type field.
Component Code	The code corresponding to the Component Name field.
Bill Month	It is used to record the bill month, such as 2024-01.
Region ID	The ID corresponding to the Region field.
Availability Zone ID	The ID corresponding to the Availability Zone field.
Discount Object	The discount object for the current consumption item, such as official website discount, user discount, or event discount.
Discount Type	The discount type for the current consumption item, such as discount or contract price.
Discount Content	A supplementary description of the Discount Type, such as 20% business discount which indicates that the Discount Type is "Discount" and the Discount Content is "0.8".
Total Cost (Including Tax)	Total resource cost (including tax) after discount, which is $\text{Original Component Cost} \times \text{Discount Multiplier} \times (1 + \text{Tax Rate})$, or $\text{Component Unit Price} \times \text{Usage} \times \text{Usage Duration} \times (1 + \text{Tax Rate})$.
Original Cost(USD)	Original Cost = $\text{Component List Price} \times \text{Component Usage} \times \text{Usage Duration}$ (if the customer enjoys a fixed price or contract price, it is not displayed by default, and also not displayed in refund scenarios by default).
Price Attribute	Attribute information impacting discount pricing for this component, excluding unit price and duration.
Original Usage/Duration	Original component usage/duration before deduction by resource packages (Currently, only TRTC, TEM, Cloud Contact Center, and CDZ products support this information display. Other products are still being integrated.).
Deductible Usage/Duration (including Resource Packages)	Component usage/duration deducted by resource packages (Currently, only TRTC, TEM, Cloud Contact Center, and CDZ products support this information display. Other products are still being integrated.).
Calculation Description	A detailed billing and settlement calculation description for special transaction types, including refunds and configuration adjustment.
Billing Rule	Official website link for detailed billing rules for each product.

Associated Transaction Document ID	Associated document ID for this transaction, such as the original new purchase order corresponding to the refund order.
Collected Cost(Total Amount After Discount (Excluding Tax))	The total amount after discount (excluding tax) directly collected to the cost allocation unit based on collection rules.
Shared Cost(Total Amount After Discount (Excluding Tax))	The total amount after discount (excluding tax) shared to the cost allocation unit based on sharing rules.
Total Cost(Total Amount After Discount (Excluding Tax))	Total Cost (Total Amount After Discount (Excluding Tax)) = Collected Cost (Total Amount After Discount (Excluding Tax)) + Shared Cost (Total Amount After Discount (Excluding Tax)).
Collected Cost(Voucher)	The voucher directly collected to the cost allocation unit based on collection rules.
Shared Cost(Voucher)	The voucher shared to the cost allocation unit based on sharing rules.
Total Cost(Voucher)	Total Cost (Voucher) = Collected Cost (Voucher) + Shared Cost (Voucher).
Collected Cost(Total Cost (Including Tax))	The total cost (including tax) directly collected to the cost allocation unit based on collection rules.
Shared Cost(Total Cost (Including Tax))	The total cost (including tax) shared to the cost allocation unit based on sharing rules.
Total Cost(Total Cost (Including Tax))	Total Cost (Total Cost (Including Tax)) = Collected Cost (Total Cost (Including Tax)) + Shared Cost (Total Cost (Including Tax)).
Collected Cost(Tax Amount)	The tax amount directly collected to the cost allocation unit based on collection rules.
Shared Cost(Tax Amount)	The tax amount shared to the cost allocation unit based on sharing rules.
Total Cost(Tax Amount)	Total Cost (Tax Amount) = Collected Cost (Tax Amount) + Shared Cost (Tax Amount).

Proportion(Total Cost (Including Tax))	Total Cost (Total Cost (Including Tax)) of This Cost Allocation Unit/Total Cost (Total Cost (Including Tax)) * 100%.
MoM(Total Cost (Including Tax))	[Total Cost (Total Cost (Including Tax)) of This Cost Allocation Unit for the Current Month - Total Cost (Total Cost (Including Tax)) of This Cost Allocation Unit for the Previous Month]/Total Cost (Total Cost (Including Tax)) of This Cost Allocation Unit for the Previous Month * 100%.

Cost Allocation Tags

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Overview

Tags help you manage your resources. You can use tags to categorize, search for, and aggregate your Tencent Cloud resources. Tags are the labels you attach to Tencent Cloud resources and can be used for cost allocation. A tag consists of a tag key and a tag value. A tag key can have multiple values.

To display a tag in your bills, you need to set the tag as a cost allocation tag. Each cost allocation tag is a column in bills, and the values of a tag are displayed in the corresponding rows of the resources they are attached to. Tags not set as cost allocation tags are not displayed in bills.

Prerequisites

You have logged in to the [Tag console](#).

Directions

Creating tag

1. On the left sidebar, click **Tag List**.
2. Click **Create Tag**.
3. In the pop-up window, enter a tag key and value, and click **OK**.

Attaching tag

1. On the left sidebar, click **Resource Tag**.
2. Select a region and resource type based on your needs and click **Query resource**.

Note:

You can query and tag resources on this page. A tag can be attached to multiple resources, and a resource can have multiple tags.

Setting cost allocation tag

1. Go to the [Billing Center](#). On the left sidebar, click **Bills** > **Cost Allocation Tags**.
2. Select the target tag keys and click **Set as Cost Allocation Tag**.

3. In the pop-up window, click **Confirm**.

Note:

You can set up to 15 cost allocation tags, but we recommend you set only one as this makes cost management easier. Each cost allocation tag occupies a column in bills, based on which you can filter and categorize your costs.

Tag Display

You will see tag information in your bills starting from the month of setting cost allocation tags.

Note:

Bills generated before the setting will not change and will not include tag information.

In Bill Overview

1. Go to [Bill Overview](#).
2. Select the **By Tag** tab and choose a tag key. You will see a list of the tagged resources and a bar graph.

In View bills

1. Go to [View bills](#).
2. Based on your needs, select the **Bill by Instance** or **Bill Details** tab. You will find in the list below a column for each cost allocation tag.

The column name is in the format of "Tag Key: xxx". You can filter bills by tag.

In bill files

After setting cost allocation tags, you will see the tags in the bill files you download, regardless of the bill type. You can use tag keys to filter your bills or perform other operations.

1. Tag display in L1 bills (by product and project).

In L1 bills, you will find a sheet named "summaryByTagAndProduct", in which you can view bill details by tag key. If

you haven't assigned a tag value for a resource, the content of the corresponding cell will be .

2. Tag display in L2 bills (by resource ID).

In L2 bills, you will see tag key columns on the right and tag values in the cells of the columns. If you haven't assigned a tag value for a resource, the content of the corresponding cell will be .

3. Tag display in L3 bills (bill details).

In L3 bills, you will see tag key columns on the right and tag values in the cells of the columns. If you haven't assigned a tag value for a resource, the content of the corresponding cell will be .

Products Supporting Split Billing

Product		
Direct Connect	TencentDB for CTSDB	Tencent Container Registry (TCR)
Tencent Real-Time Communication	Cloud Block Storage Snapshot	TencentDB for Tendis
Cloud Block Storage (CBS)	Tencent Kubernetes Engine (TKE)	Global Application Acceleration Platform (GAAP)
Cloud Log Service	TencentDB for MongoDB	TencentDB for Redis
TencentDB for SQL Server	TencentCloud Lighthouse	IM
Stream Computing Oceanus	TencentDB for PostgreSQL	TencentDB for KeeWiDB
TencentDB for MySQL	Tencent Interactive Whiteboard	Public IP
Bandwidth Package	TencentDB for MariaDB	Cloud Data Warehouse Doris
CDWPG	Cloud Load Balancer	Tencent Distributed SQL for MySQL
Service Mesh	Tencent Cloud House-C	Cloud Development

Cloud Connect Network CCN	Distributed Framework TSF- Public Cloud	Cloud Storage Gateway (CSG)
Video On Demand (VOD)	Tencent Cloud Observability Platform	Cloud Virtual Machine (CVM)
SCF	VPN Gateway	T-Sec-Cloud Hardware Security Module (CloudHSM)
T-Sec-Bastion Host(BH)	Cloud Automated Testing: New Version	Game Database TcaplusDB
Voice Message	T-Sec-Cloud Workload Protection(CWP)	T-Sec-Anti-DDoS (Anti-DDoS)
T-Sec Web Application Firewall (WAF)	Game Multimedia Engine	TPNS
Application Observation	TSE Service Registry Center	TDSQL-C for MySQL
TDSQL-C for PostgreSQL	HttpDNS	TDMQ
Message Service CKafka	TencentDB for TBase	Tencent Kubernetes Engine for Serverless
SSL Certificate	Cloud File Storage (CFS)	Tencent Cloud Block Chain TBaaS
TencentCloud TI Platform TI-ONE	NAT Gateway	Elasticsearch Service
HTAP Database TDSQL-H	Tencent Cloud Elastic Microservice	Cloud Infinite (CI)
Elastic MapReduce	Cloud Object Storage (COS)	SMS
API Gateway	Database Backup Service	Data Lake Compute
WeData Data Development and Governance Platform	Cloud Streaming Services (CSS)	Enterprise Content Delivery Network (ECDN)
Content Delivery Network (CDN)	Data Subscription (DSS)	Tencent Cloud VectorDB
Data Transmission Service (DTS)	TencentCloud EdgeOne	TSE Cloud Native Gateway
TAE API_SDK	T-Sec- CFW (CFW)	T-Sec- CSC (Csp)

Note:

Products to be allowlisted: Short Message Service (SMS), Cloud Streaming Service (CSS), Enterprise Content Delivery Network (ECDN), TencentCloud EdgeOne, Cloud Block Storage Snapshot, and TencentDB for MySQL Backup - Pay-as-you-go.

For some products, the resource ID bound with tags cannot be used for corresponding cost allocation if it is not a push volume settlement resource ID or a prepaid resource ID.

Query by API

You can also use APIs to query tag information starting from the month of setting cost allocation tags.

Call the `DescribeBillDetail` , `DescribeBillResourceSummary` , `DescribeBillSummaryByProject` , or `DescribeBillSummaryByTag` API and you will get bill data and the corresponding tag information.

FAQs

1. When can I see tags in bills after tagging resources and setting cost allocation tags?

Tagging takes effect immediately, but there is a delay in bill data, so tags will not be displayed until the cache data of bills is refreshed.

Note :

The resource tag information at the end of the month is taken for the months when bills were generated in the past. Subsequent changes to the resource tags will not be refreshed after billing.

2. In the Bar Chart on the Tag Summary Page, What Does the Category "Others" Refer to?

The visualized chart on the Tag Summary page only displays the top 5 data, and other data will be aggregated and displayed as **Others** . For details, please go to [Bill Details](#) page to view detailed data.

3. If Multiple Cost Allocation Tags Are Set for the Same Resource, How Will the Cost Be Calculated?

If multiple cost allocation tags are set for the same resource, the total cost of the resource will be displayed under each tag. The cost of the resource will not be allocated based on the tag in the bill.

4. Up to 15 Cost Allocation Tags Are Supported. Can This Limit Be Increased?

Currently, up to 1,000 tag Keys can be created, but 15 cost allocation tags can be set at most, which meets the needs of most scenarios. Insufficient tags are usually due to incorrect usage, so proper use is recommended.

5. If a Member Account Tags a Resource, Does the Bill Consolidated by the Organization Account Support Cost Allocation by Tag?

If a resource is tagged under a member account, and the organization account does not have this cost allocation tag, the organization account's bill cannot be allocated by this tag when consolidated. This is because the consolidated billing is based on the cost allocation tag under the organization account. Only when the member account creates a tag key with the same name and has resource binding information, can the member account's tag information be reflected.

For example:

Cost allocation tags set under the organization account: game project, business line.

Cost allocation tags set under the member account: game project, team.

After consolidation, the bill reflects: game project (including the member account's tag information), business line.

6. What Are the Steps for a Member Account to Tag Resources and for the Organization Account to Support Cost Allocation by Tag During Consolidated Billing?

Step 1: The member account activates resources and tags them, for example, business line:game;

Step 2: The organization account establishes a tag key with the same name: business line, and sets the business line as the cost allocation tag;

Step 3: After T+1, the business line tag key containing the member account's tag information can be viewed in the organization account's bill.

7. Can the tags applied to the account be used for cost allocation in the bill?

Tags applied to the account support display and cost allocation in the bill. For example:

An organization account can tag a member account with the key value: Salesperson: Zhang San. If the Salesperson tag is set as a cost allocation tag, all details in the bill for the owner UIN of that member account will be filled under the Salesperson tag with Zhang San value.

8. When there are tag values applied to both the account and the resource under the same tag key, which one takes precedence?

If there are tags applied to both the account and the resource under the same tag key, the tag value of the resource takes precedence.