

**Cost Center**

# **Best Practices**

**Issue** 01  
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# Security Declaration

## Vulnerability

Huawei's regulations on product vulnerability management are subject to the *Vul. Response Process*. For details about this process, visit the following web page:

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

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

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

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# 1 Creating a Daily Budget to Monitor Pay-per-Use Expenditures

## Background

Budget management is crucial to your use of the cloud. Effective budget management helps you control costs. You can configure cost and usage alert thresholds to gain visibility into your actual and predicted expenditures. With alerts configured, you can learn whether there are expenditure surprises in a timely manner.

## Scenarios

It is easy to forget to shut down servers or delete pay-per-use resources that are no longer needed. This will result in unnecessary expenditures. To avoid this problem, you can enable budget management to configure a daily budget. This way, the specified recipients will receive alerts if any pay-per-use expenditures exceed the amount you have configured.

## Prerequisites

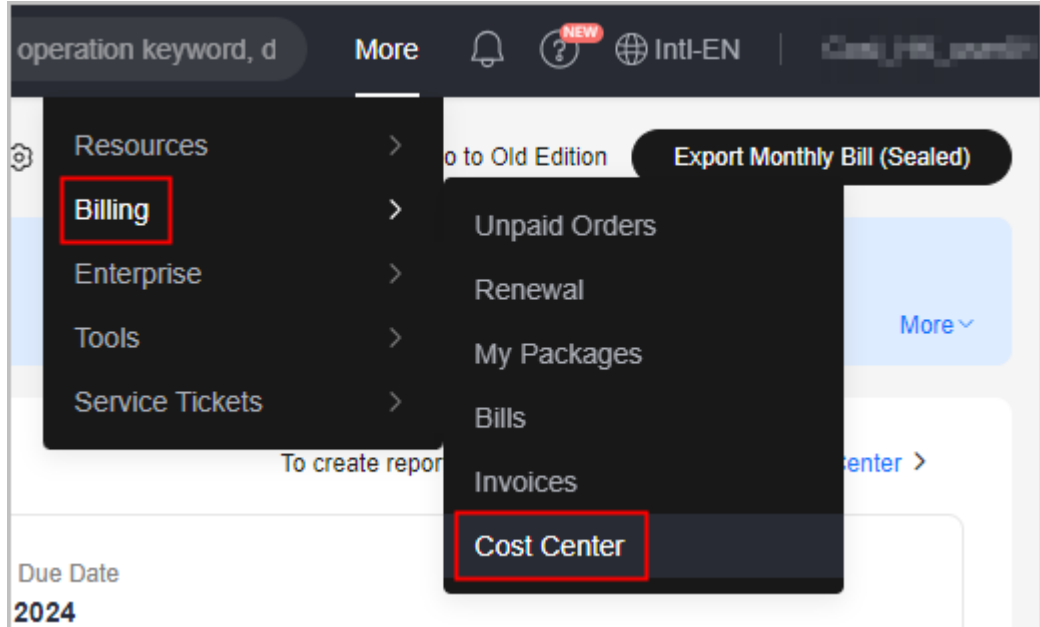
Before you enable budget alerts, configure notification methods for **Cost Management** in Message Center. For details, see [Configuring Message Receiving Methods](#).

Message Type	Email	SMS	System Notifica...	Group Chatbot	Recipient Name	Message Receiver Robot
<input type="checkbox"/> Finance	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Account balance ⓘ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Account change ⓘ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Partner budget ⓘ	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Bill ⓘ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Invoice ⓘ	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
<input type="checkbox"/> Cost Management ...	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		

## Procedure

**Step 1** Log in to Huawei Cloud management console.

**Step 2** Choose **Billing & Costs > Cost Center**.



**Step 3** Choose **Budget Management > Budgets**.

**Step 4** Click **Create Budget**.

**Step 5** Choose **Custom Budget > Cost budget**, and click **Next**.

**Step 6** Configure budget details and click **Next**.

- Basic budget information

### Configure Budget Details [Learn more](#)


**\*Reset Period** Cost Center will reset your budgeting based on the reset period you select

Budget evaluation begins at 00:00 GMT+08:00 on the start date and will be reset to zero at 00:00 GMT+08:00 on each day moving forward

The reset period Daily is currently not supported for monthly or quarterly budgeted amount, forecasting-based budget alerts, or budget scope filtering by cost category

**\*Budget Duration** Cost Center will monitor your expenditures during the budget duration you select

**\*Start Time** Cost Center will begin to monitor your budget on the start date you select



**\*Budgeted Amount (USD)**

Average daily costs for the last 30 days: \$3.79 USD

- **Budget Name:** Enter a budget name, for example, **pay-per-use**.
- **Reset Period:** Set this parameter to **Daily** to monitor your pay-per-use expenditures on a daily basis.
- **Budget Duration:** Set this parameter to **Recurring** to start monitoring your pay-per-use expenditures on the day specified for **Start Time**.
- **Start Time:** Set this parameter to the current day (recommended).
- **Budgeted Amount:** Set this parameter to the estimated upper limit of daily costs. Suppose the unit price of an ECS with given specifications is \$1.23 USD, and 10 ECSs are required to work for about 8 hours a day. In this case, you can set the budgeted amount to \$100 USD or a bit more and set the alert threshold to a specific percent of this amount.
- **Cost Scope:** Set **Billing Mode** to **Pay-per-use**. Set other parameters as required. If they are left blank, all of your costs will be monitored.

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 **CAUTION**

Choose the exact budget type you want to monitor. The budget information is updated every hour for original costs and every 24 hours for amortized costs.

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**Step 7** Set the alert threshold and specify the recipients, and click **Next**.

If you receive alerts while using the resources, you can ignore them. If you are not using the resources but are still billed and receive alerts, that means more resources are being used than were predicted. In this case, some devices may need to be shut down or the resources may have been accidentally not deleted. You are advised to immediately check the resource status or billing information.

**Step 8** Confirm the budget information and click **Save**.

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## Follow-up Operations

If the costs for the current day have reached the configured threshold, Cost Center will notify you of the budget overrun.

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### CAUTION

There is a delay of one to two hours before a notification is sent out. By the time you receive an alert, the actual expenditure has already exceeded the alert threshold. You are advised to view the cost details in Cost Center as soon as possible.

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