

Bandwidth Package

Operation Guide

Product Documentation



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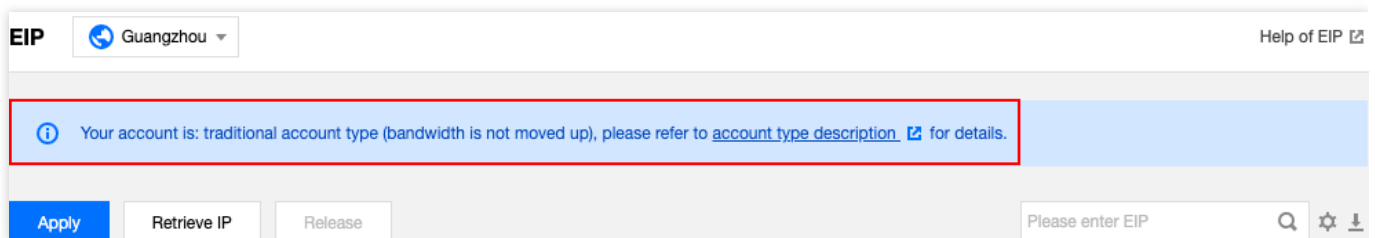
Operation Guide

Checking Account Type

Last updated : 2020-10-27 11:12:05

All Tencent Cloud accounts registered after June 17, 2020 00:00:00 will be bill-by-EIP/CLB accounts. For Tencent Cloud accounts registered before June 17, 2020, check your account types in the console.

1. Log in to [EIP Console](#).
2. Check if there is a prompt message at the top of the **EIP** page, as shown below.
 - If no, you have a bill-by-IP account.
 - If yes, you have a bill-by-CVM account.



Viewing the Billable Bandwidth

Last updated : 2020-08-11 10:17:06

The actual BWP charges depend on the monthly peak. You can check the billable monthly peak of any bandwidth package on the Bandwidth Package Console.

Calculation Rule

- **Monthly top 5 billing**

- Daily peak:** the maximum bandwidth value is collected every 10 seconds, and the peak bandwidth within 5 minutes is taken as a sample point. Because one sample point is generated every 5 minutes, 288 (60 min × 24/5 min) sample points are generated every day. All the sample points on the day are sorted in descending order, and the fifth highest value is used as the daily peak bandwidth.
- Monthly top 5 bandwidth:** the daily peaks of the valid days in the current month are sorted in descending order, and the average of the top 5 values is used as the monthly peak bandwidth, i.e. billable bandwidth. The monthly peak bandwidth is updated at 00:00:00 every day. For example, suppose you view the monthly billable bandwidth on July 20, 2020, the value is calculated on the daily peaks from July 1 to July 19, 2020.

- **Monthly 95th percentile**

95th percentile of the monthly peak bandwidth: the maximum bandwidth value of the bandwidth package is collected every 10 seconds, and the peak bandwidth within 5 minutes is taken as a sample point. All sample points of the current month are sorted in descending order, and the top 5% are removed. The highest value of the remaining sample points is used as the 95th percentile of the monthly peak bandwidth, i.e. billable bandwidth. The monthly peak bandwidth is updated at 00:00:00 every day. For example, suppose you view the monthly 95th percentile on July 20, 2020, the value is calculated on the daily peaks from July 1 2020 00:00:00 to July 19, 2020 23:59:59.

Directions

1. Log in to the [VPC Console](#) and click **Bandwidth Package** in the left sidebar.
2. At the top left of the **Bandwidth Package** page, choose the region you want to check the bandwidth.
3. Click the ID/Name of the target instance in the list.

4. View the current billable bandwidth (after peak clipping) on the instance details page.

Changing Billing Mode

Last updated : 2020-09-14 14:25:01

You can change the billing mode for BWP. This document describes how to do so.

Note :

You can change the billing mode anytime before the bill is generated, and the latest billing mode will be used for your bill. See [Billing Overview](#) for more details.

Prerequisites

The billing mode must be monthly 95th percentile billing .

Note :

Monthly 95th percentile billing is available only to customers with monthly consumption greater than 15,000 USD. For more information, contact your sales rep or [submit a ticket](#).

Changing Billing Mode

1. Log in to [VPC Console](#).
2. Click **Bandwidth Package** on the left sidebar. Locate the target bandwidth package instance. In **Operation**, select **More** -> **Modify Billing Mode**.

3. Select the billing mode from the dialog box and click **OK**.

Modify Billing Mode

You've selected the following bandwidth packages:

ID/Name	Region	Current Billing Mode
bwp-83nv7xls	Guangzhou	Pay as you go - Top 5 Bil...

Billing Mode

Pay as you go - Top 5 Billing

Pay as you go - Monthly 95th Percentile

i You can change the billing mode anytime before the bill is generated. Your bill will be generated using the latest billing mode. For learn more about billing, please see [Billing Modes](#).

OK Cancel

Device Bandwidth Package Guide

Creating a Bandwidth Package

Last updated : 2020-10-27 11:15:21

This document introduces how to create a device bandwidth package under your bill-by-CVM account.

Note :

- BWP is currently in beta test. If you want to use it, please [submit an application](#).
- A bill-by-CVM account only supports creating a device bandwidth package. For more information about your account type, see [Checking Account Type](#).

Restrictions

1. Only one device bandwidth package can be enabled in a region.
2. After a device bandwidth package is created in a region, all CVMs and CLBs in the current region will be billed in the package, and no other billing mode is used in the region.
3. The original fees billed by monthly subscription will be refunded after being converted based on the number of hours actually used.

Directions

1. Log in to the [Virtual Private Cloud Console](#).
2. Click **Bandwidth Package** in the left sidebar.
3. Select a region, and click **+ New** in the upper-left corner.
4. In the **Create Bandwidth Package** pop-up window, enter the bandwidth package name, select a billing mode, and then click **Create**.

Create Bandwidth Package ✕

ⓘ Only device bandwidth packets can be created.

Name

Type IPv4

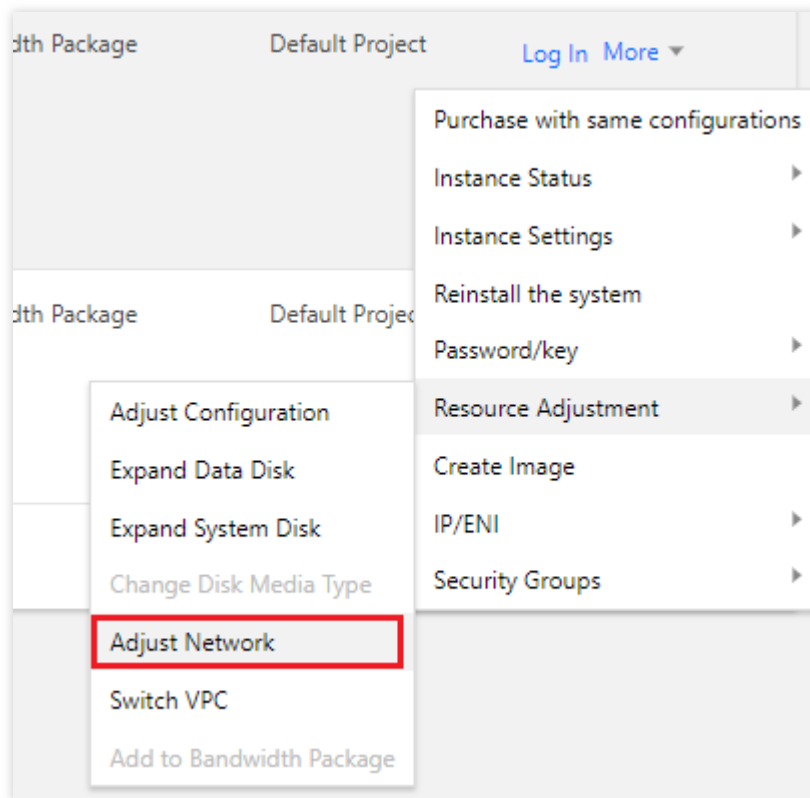
Billing Mode Pay as you go - Top 5 Billing

Billing Description Bill by the fifth highest bandwidth value collected per day. For details, please see [Billing Details](#).

Advanced Options

Unit Price

5. After the bandwidth package is created, we recommend that you set a bandwidth cap for the resources in the bandwidth package to avoid high fees. For example, you can perform the following operations:
- To set a bandwidth cap for a CVM:
 - a. Log in to the [CVM Console](#).
 - b. On the **Instances** page, locate the CVM for which you want to set the bandwidth cap, choose **More -> Resource Adjustment -> Adjust Network** under its **Operation** column.



- To set a bandwidth cap for a CLB:
 - a. Log in to the [Cloud Load Balancer Console](#).
 - b. Locate the CLB for which you want to set the bandwidth cap, choose **More** -> **Adjust Bandwidth** under its **Operation** column..

Deleting a Bandwidth Package

Last updated : 2020-07-10 16:33:04

Note :

- BWP is currently in beta test. If you want to try it out, please [submit an application](#).
- After a device bandwidth package is deleted, the billing mode of all CVMs and CLBs in this region is changed to bill-by-traffic.
- After the device bandwidth package is deleted, the device bandwidth cap is changed to the [bandwidth cap](#) of the network to which the CVMs and CLBs belong. If the device bandwidth cap is lower than the network bandwidth cap, no change is made.

1. Log in to the [Virtual Private Cloud Console](#).
2. Click **Bandwidth Package** in the left sidebar.
3. Select a region, locate the bandwidth you want to delete, click **Delete** under its **Operation** column, and confirm the deletion.

ID/Name	Type	Monitoring	Status	Billing Mode	Expiry Time	Operation
	IPv4	all	Running	Pay as you go - Top 5 Billing	-	Delete Edit Tags

IP Bandwidth Package Guide

Creating a Bandwidth Package

Last updated : 2020-10-27 11:18:13

This document introduces how to create an IP bandwidth package under your bill-by-EIP/CLB account.

Note :

- BWP is currently in beta test. If you want to use it, please [submit an application](#).
- A bill-by-EIP/CLB account only supports creating an IP bandwidth package. For more information about your account type, see [Checking Account Type](#).
- If you have a bill-by-CVM account and want to use IP bandwidth packages, please [submit a ticket](#) to change to bill-by-EIP/CLB account.

1. Log in to the [Virtual Private Cloud Console](#).
2. Click **Bandwidth Package** in the left sidebar.
3. Select a region, and click **+ New** in the upper-left corner.
4. In the **Create Bandwidth Package** pop-up window, enter the bandwidth package name, select a billing mode, and then click **Create**.

Create Bandwidth Package ✕

ⓘ Only device bandwidth packets can be created.

Name

Type IPv4

Billing Mode Pay as you go - Top 5 Billing

Billing Description Bill by the fifth highest bandwidth value collected per day.
For details, please see [Billing Details](#).

Advanced Options ▼ Tag

Unit Price

5. After the bandwidth package is created, we recommend that you set a bandwidth cap for the resources in the bandwidth package to avoid high fees. For example, you can perform the following operations:

- To set a bandwidth cap for an EIP:
 - a. Log in to the [EIP Console](#).
 - b. Locate the EIP for which you want to set the bandwidth cap, choose **More** -> **Adjustment network** under its **Operation** column.
- To set a bandwidth cap for a CLB:
 - a. Log in to the [Cloud Load Balancer Console](#).
 - b. Locate the CLB for which you want to set the bandwidth cap, choose **More** -> **Adjust Bandwidth** under its **Operation** column.

Deleting a Bandwidth Package

Last updated : 2020-07-10 16:38:55

Note :

- BWP is currently in beta test. If you want to try it out, please [submit an application](#).
- Before deleting an IP bandwidth package, ensure that all resources contained have been removed.

1. Log in to the [Virtual Private Cloud Console](#).
2. Click **Bandwidth Package** on the left sidebar.
3. Select a region, locate the bandwidth package you want to delete, click **Delete** under its **Operation** column, and confirm the deletion.

ID/Name	Type	Monitoring	Status	Billing Mode	Expiry Time	Operation
	IPv4	√	Running	Pay as you go - Top 5 Billing	-	Delete Edit Tags

Adding Resources

Last updated : 2020-11-25 14:21:31

Note :

BWP is currently in beta. If you want to try it out, please [submit a ticket](#).

After creating a bandwidth package, you need to add EIPs and CLBs to the package to share the bandwidth.

Restrictions

1. Only bill-by-traffic EIPs and CLBs can be added to the bandwidth package. Monthly subscription EIPs and CLBs cannot be added to the bandwidth package.
2. After an EIP or CLB is added to the bandwidth package, the EIP or CLB will be billed in the package. No additional fees will be charged for the traffic and bandwidth. However, idle EIP fees will still incur.
3. An EIP that is not bound to instances will incur an idle fee, regardless of whether the EIP is added to the bandwidth package. Please bind the EIP to an instance to avoid unnecessary fees.
4. Up to 100 resources, including EIPs and CLBs, can be added to a single bandwidth package.

Directions

1. Log in to the [VPC console](#).
2. Click **Bandwidth Package** on the left sidebar.
3. Select a region. Locate the target bandwidth package instance in the list, and click its ID/Name to go to the instance details page.
4. In the "Bandwidth Package Resources" section on the details page, click **Add Resource**.

5. In the pop-up window, select the resource type and resource instance and click **OK**.

Bind resources ✕

Elastic IP/Public IP Cloud Load Balancer

Please select 1/100 selected

Search by resource ID/name/IP 🔍

ID/Name	Associate with Ins...
<input checked="" type="checkbox"/> [blurred]	-
<input type="checkbox"/> [blurred]	[blurred]
<input type="checkbox"/> [blurred]	[blurred]
<input type="checkbox"/> [blurred]	[blurred]

ID/Name	Associate with I...
[blurred]	- ✕

↔

OK Close

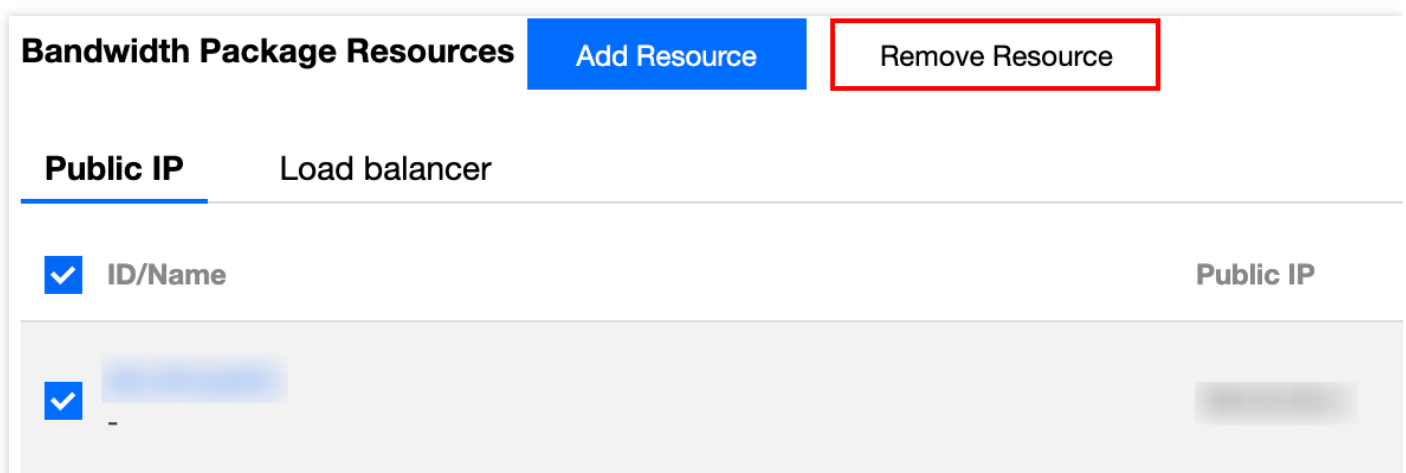
Removing Resources

Last updated : 2020-11-17 16:41:17

Note :

- BWP is currently in beta. If you want to try it out, please [submit a ticket](#).
- After an EIP or CLB is removed from a bandwidth package, the billing mode will change to bill-by-traffic.

1. Log in to the [VPC console](#).
2. Click **Bandwidth Package** on the left sidebar.
3. Select a region. Locate the target bandwidth package instance in the list, and click its ID/Name to go to the instance details page.
4. In the "Bandwidth Package Resources" section on the details page, select the target EIP, click **Remove Resource**, and then confirm the deletion.



Bandwidth Package Resources [Add Resource](#) [Remove Resource](#)

Public IP Load balancer

<input checked="" type="checkbox"/>	ID/Name	Public IP
<input checked="" type="checkbox"/>	-	-