

# **Bandwidth Package**

# **Product Introduction**

# **Product Documentation**



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# Product Introduction

## Product Overview

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Tencent Cloud Bandwidth Package (Bandwidth Package, BWP) is a multi-IP aggregated billing method that significantly reduces Internet access costs. When public network instances have traffic peaks at different times, you can use BWP for the aggregated bandwidth billing instead of purchasing separate bandwidth for each device to save costs.

BWP supports [monthly top 5 billing](#) and [monthly 95th percentile billing](#) for different use cases.

Note :

Bandwidth Package is a monthly-billed pay-as-you-go service. To activate the service, please contact your sales rep.

## Product Types

BWP consists of IP bandwidth package and device bandwidth package according to the billing object.

- **IP bandwidth package:** applies to accounts whose public network fees are billed on public IP or CLB, which mean that the public network capability (bandwidth cap) and billing method (bill-by-traffic or bill-by-bandwidth) are specified upon creation of the IP or CLB instance.
- **Device bandwidth package:** applies to accounts whose public network fees are billed on CVMs, which mean that the public network capability (bandwidth cap) and billing method (bill-by-traffic or bill-by-bandwidth) are specified upon creation of the CVM instance. The public IP address and CLB acts only as public network egress.

Tencent Cloud offers different bandwidth packages for different accounts:

Account Type	Available Bandwidth Package
Bill-by-CVM account	Device bandwidth package
	IP bandwidth package (only available to elastic IPv6 addresses, IPv6 CLB instances and static single-line EIPs)
Bill-by-IP account	IP bandwidth package

To learn about your account type and available bandwidth package type, see [Checking Account Type](#).

Note :

You can [submit a ticket](#) to change your bill-by-CVM account to bill-by-IP account, and the change cannot be reverted.

## Supported Resources

- Device bandwidth packages support CVMs and CLBs.
- IP bandwidth packages support public IPs, EIPs (bound with CVM or NAT Gateway), elastic IPv6 addresses, and CLBs.

# Strengths

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## Reduced Costs

Bandwidth packages can help you shift Internet bandwidth. When the traffic peaks of different businesses accessing the Internet occur at different time segments, the bandwidth of multiple IPs can be billed in an aggregated manner. All device bandwidth of a user in the entire region can be aggregated for billing, which can dramatically reduce the costs of Internet access.

## Flexible Billing

Bandwidth packages support two billing modes, namely billing based on top 5 monthly peaks and 95th percentile billing. You can choose the optimal billing mode for Internet access based on your business scenario needs.

## Ease of Management

If you have a large number of applications that require Internet access, the application devices can be added to a bandwidth package in batches for centralized management. In addition, multiple bandwidth packages can be activated for one account with each BWP independently charged and flexibly managed.

## Transparent Usage

The data usage of a bandwidth package and all devices in it can be displayed in real time at all granularities, enabling you to access accurate bandwidth usage readings at any time, quickly identify the network devices with abnormal bandwidth usage, and reduce the risk of exceeding your budget.

# Use Limits

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This document describes the use limits of bandwidth packages.

## Account Types

To learn about your account type, see [Checking Account Type](#).

Account type	Supported bandwidth package	Billing mode
Bill-by-CVM account	Device Bandwidth Package	Pay-as-you-go (monthly)
	IP-based bandwidth package (elastic IPv6 addresses, <a href="#">IPv6 load balancers</a> and Static single line <a href="#">EIP</a> )	
Bill-by-IP account	IP-based bandwidth package	Postpaid monthly and daily payment

## Shared Bandwidth Packages

Limit	Device Bandwidth Package	IP Bandwidth Package
Quota	Only one device bandwidth package can be activated in each region.	Up to 20 IP bandwidth packages can be activated in one region.
Billing	<ul style="list-style-type: none"> <li>No other billing modes are allowed if a device bandwidth package activated in a region</li> <li>After a device bandwidth package is activated, the billing mode of all CVM and CLB instances in the region are automatically changed to the bandwidth package.</li> </ul>	The IP bandwidth package can be used together with other billing modes such as monthly bandwidth subscription, hourly bandwidth, and bill-by-traffic in the same region.
Resources	Resources cannot be added manually.	<ul style="list-style-type: none"> <li>Monthly subscribed EIPs and IPs cannot be added to an IP bandwidth package.</li> <li>Postpaid bandwidth package:               <ul style="list-style-type: none"> <li>You can add up to 100 resources in the same region (EIPs, IPs, elastic public IPv6</li> </ul> </li> </ul>

		addresses and CLB instances)
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## Peak Bandwidth

Peak Bandwidth	Description
Per instance	For each instance (such as public IPs, CLBs) added to the bandwidth package, the peak bandwidth is 2 Gbps. Note that this is the max possible bandwidth, but not the committed bandwidth. In case of resource contention, the peak bandwidth may not reach this value.
Per region	<ul style="list-style-type: none"><li>50 Gbps. Note that this is the max possible bandwidth, but not the committed bandwidth. For a guaranteed or higher bandwidth capability, contact your sales rep or <a href="#">submit a ticket</a> to apply for reserved bandwidth and guaranteed bandwidth fee on a pro rata basis.</li></ul>