

Bandwidth Package

Product Introduction

Product Documentation



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Product Overview

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Tencent Cloud 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 :

BWP is currently in beta. To try it out, please submit an application to be added to the beta list.

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

BWP can help you achieve peak bandwidth shifting, so that when the traffic peaks of different businesses accessing the Internet occur at different times, the traffic can be billed in a multi-IP aggregated manner to reduce the costs of Internet access.

Flexible Billing

BWP offers various billing methods such as prepaid traffic, billing based on top 5 monthly peaks and billing based on the 95th monthly peak, enabling you to choose the Internet access billing option most appropriate for your business scenario needs.

Ease of Management

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

Transparent Usage

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

Use Limits

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This document describes the use limits of bandwidth packages.

Note :

BWP is currently in beta. To try it out, please apply for beta eligibility.

Account Types

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

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

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"> The device bandwidth package in a region cannot be used together with any other billing mode. After a device bandwidth package is activated in a region, all the CVM and CLB instances in the region will be automatically billed in the bandwidth package. The original fees billed by monthly subscription will be refunded 	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.

	after being converted based on the number of hours actually used.	
Resource	Resources cannot be added.	<ul style="list-style-type: none"> • Currently, monthly-subscribed EIPs and public IPs cannot be added to IP bandwidth packages. • Up to 100 resources including EIPs, public IPs, elastic IPv6 addresses, and CLB instances in the same region can be added to a single IP bandwidth package.

Peak Bandwidth

Peak Bandwidth	Description
Single instance	The peak bandwidth of instances including public IP and EIP in a single bandwidth package is 2 Gbps. The peak bandwidth is only regarded as the maximum bandwidth for reference, and not as the committed bandwidth. When bandwidth resources are contested, the peak bandwidth may be limited.
Single region	The sum of peak bandwidths of all the running instances billed on bandwidth packages cannot exceed 50 Gbps in one region. If your application requires a guaranteed or higher bandwidth, contact your sales rep or submit a ticket . In this case, you need to pay the guaranteed bandwidth fee on a pro rata basis.