

Bandwidth Package

Purchase Guide

Product Documentation



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Purchase Guide

Billing Overview

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This document describes the BWP pricing of different bandwidth types.

Bandwidth Type

Tencent Cloud offers the following bandwidth packages according to the bandwidth type.

Bandwidth Type	Description
BGP Bandwidth Package	A bandwidth package using BGP IP lines, which can be manually created.
Dedicated BGP Bandwidth Package	A bandwidth package using dedicated BGP IP lines, which can be manually created.
AIA BGP Bandwidth Package	A bandwidth package using AIA BGP IP lines, which can only be automatically created by the system.

BGP Bandwidth Package

Region	Unit Price (USD/Mbps/month)
All regions except São Paulo	16.97
São Paulo	21.23

Dedicated BGP Bandwidth Package

Note :

- Currently, dedicated BGP bandwidth packages is only available to bill-by-IP accounts. For bill-by-CVM accounts, please first upgrade to bill-by-IP account. See [Checking Account Type](#). Dedicated BGP bandwidth package is in beta now. To try it out, please contact your sales representative.
- Dedicated BGP bandwidth package is only available in Hong Kong, China.

Region	Unit Price (USD/Mbps/month)
Hong Kong, China	87.88

AIA BGP Bandwidth Package

Note :

For more information about its billing details, see [AIA Purchase Guide](#).

Anycast EIP Region	Acceleration Region(Unit Price (USD/Mbps/month))			
	Asia	Europe	North America	South America
Asia (Hong Kong (China), Singapore, Bangkok, Mumbai, Seoul, and Tokyo)	18.86	18.86	18.86	44
Europe (Frankfurt and Moscow)	18.86	18.86	18.86	26
North America (Silicon Valley)	18.86	18.86	18.86	26
South America(Sao Paulo)	44	26	26	21

Documentation

- [Billing Modes](#)

Billing Modes

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This document describes the two pay-as-you-go billing modes of bandwidth packages: monthly top 5 and monthly 95th percentile.

Note :

For detailed BWP pricing, please see [Product Pricing](#).

Billing

- **Billing date**

The first day of the calendar month immediately after the current billing cycle. For example, the BWP bill for usage in January (between 2021-01-01 00:00:00 and 2021-01-31 23:59:59) is generated on February 1st.

- **Settlement date**

BWP is billed by month. The fees will be automatically deducted from the account balance after the bill is generated.

- **Billing scope**

BWP is region-specific, which means that one BWP only applies to a single region.

Note :

View the component usage details shown in the bills obtained from the billing center. Usage = BWP monthly peak x Number of valid days/Number of billable days in the month.

- **Peak bandwidth**

- Single instance: the peak bandwidth of an instance billed on bandwidth packages 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.

Monthly Top 5 Billing

Billing formula

BWP fee = BWP monthly peak x Unit price x Number of valid days/Number of billable days in the month.

- **Daily peak:** the maximum outbound bandwidth and inbound bandwidth will be respectively collected every five minutes, and the higher value is taken as a sample point. All the 288 sample points on the day are sorted in descending order, and the fifth-highest value is used as the daily peak bandwidth.
- **Monthly peak:** on the settlement date, the daily peaks of the valid days in the last month are sorted in descending order, and the average value of the top 5 peaks is used as the monthly peak.
- **Valid day:** a day in which at least one bandwidth value is greater than 1 Kbps.
- **Billable days in the month:** the actual number of days during the month in which BWP is used.

Pricing examples

Assume you use a BGP bandwidth package in June at a unit price of 16.97 USD/Mbps/month, where there are 30 billable days. Of those days, there are 20 days with active usage, and the top 5 peak bandwidths are 100 Mbps, 95 Mbps, 90 Mbps, 85 Mbps and 80 Mbps.

- Monthly peak = $(100 + 95 + 90 + 85 + 80) / 5 = 90$ Mbps
- BWP fee = $90 \times 16.97 \times 20 / 30 = 1,018.2$ USD

Monthly 95th Percentile

Note :

Monthly 95th percentile billing is available only to customers with monthly network product consumption greater than 15,000 USD. For more information, contact your sales rep or [submit a ticket](#). The monthly 95th percentile prices are subject to change in some regions.

Billing formula

BWP fee = BWP monthly peak x Unit price x Number of valid days/Number of billable days in the month.

- **Monthly peak:** the maximum outbound bandwidth and inbound bandwidth will be respectively collected every five minutes, and the higher value 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 monthly peak bandwidth.

Suppose you use BWP for 14 valid days in June. As one sample point is generated every 5 minutes, 288 sample

points are generated every day, and 4,032 sample points are generated in 14 days. The bandwidth values of these sample points are sorted in descending order, the top 5% of the sample points ($4,032 \text{ sample points} \times 0.05 = 201.6$ sample points) are removed. The bandwidth value of the 202nd sample point is taken as the 95th percentile of monthly peak bandwidth.

- **Valid day:** a day in which at least one bandwidth value is greater than 1 Kbps.
- **Billable days in the month:** the actual number of days during the month in which BWP is used.

Pricing examples

Assume you use a BGP bandwidth package in June at a unit price of 16.97 USD/Mbps/month, where there are 30 billable days. Of those days, there are 20 days with bandwidth usage. The 95th percentile of monthly peak is 120 Mbps.

$\text{BWP fee} = 120 \times 16.97 \times 20 / 30 = 1,357.6 \text{ USD}$

References

[Product Pricing](#)

Arrears Processing

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1. When your account balance is insufficient, BWP will continue to be available for use and billed for another 2 hours after the balance becomes 0.
2. If your account is not topped up to a positive value after 2 hours, the BWP service will be automatically suspended and no more charges will be incurred.
3. If your account is not topped up to a positive value within 24 hours after your Tencent Cloud BWP goes out of service, the BWP will remain unavailable until your account balance is above zero.
4. If your account balance is below zero for more than 24 hours after the suspension of the service, the BWP will be repossessed immediately.
5. When the BWP is repossessed, we will notify the creator of your Tencent Cloud account and all collaborators via email and SMS message.