

Anti-DDoS Pro

Purchase Guide

Product Documentation



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Billing Overview

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Currently, Anti-DDoS Pro is available in the following regions:

- The Chinese mainland: North China (Beijing), East China (Shanghai), and South China (Guangzhou).

Billing Mode

Anti-DDoS Pro billing involves both frozen fees payment and pay-as-you-go. The base protection bandwidth is on frozen fees payment, whereas the elastic protection bandwidth is pay-as-you-go and billed daily.

Billable Items	Billing Mode	Payment Method	Payment Description
Base protection bandwidth	Monthly subscription	Frozen fees	The fees for basic protection bandwidth are calculated based on the base protection bandwidth and the validity period. The fees will be frozen after you successfully purchase an instance; the fees for the current month will be billed on the first day of the following month.
Elastic protection bandwidth	Pay-as-you-go by day	Pay-as-you-go	If elastic protection is triggered, you will be billed on the following day based on the tiered price of the peak attack bandwidth of the current day. You will not be billed if elastic protection is not triggered. You can upgrade or downgrade the configuration.

Pricing

Base protection

The prices of base protection are as follows:

Type	Base Protection Bandwidth	Number of Protected IPs	CC Protection Bandwidth	Unit Price (USD/month)
Single IP instance	5 Gbps	1	10,000 QPS	77
	20 Gbps		40,000 QPS	2,558

	30 Gbps		70,000 QPS	3,946
	50 Gbps		150,000 QPS	8,723
	100 Gbps		300,000 QPS	28,790
Multi-IP instance	20 Gbps	5	40,000 QPS	3,583
		10		6,808
		20		12,900
		50		25,084
		100		43,000
	50 Gbps	5	150,000 QPS	12,213
		10		23,204
		20		43,966
		50		85,489
		100		146,553
	100 Gbps	5	300,000 QPS	34,548
		10		65,642
		20		124,374
		50		241,838
		100		414,580

Note :

- Query Per Second (QPS) here is used to measure the number of CC attack requests per second that an Anti-DDoS Pro instance can defend against.
- After you purchase an Anti-DDoS Pro instance and bind it to your IPs, the bound IPs will only enjoy the protection capability of the purchased Anti-DDoS Pro instance, not that of Anti-DDoS Basic.
- For a single IP instance with the 20 Gbps, 30 Gbps, or 50 Gbps base protection bandwidth, the specification cap is 50 Gbps, that is, the specification cannot be upgraded to 100 Gbps or above.

Elastic protection

You can enable elastic protection as required.

- If elastic protection is not enabled for an instance, its base protection bandwidth will be the maximum protection bandwidth and no extra fees will be incurred.
- If elastic protection is enabled for an instance, its maximum protection bandwidth will be the elastic protection bandwidth.
- If elastic protection is not triggered, no fees will be incurred.
- If elastic protection is triggered and the attack traffic is higher than the base protection bandwidth but not higher than the elastic protection bandwidth, you will be billed on the following day based on the tiered price of the peak attack bandwidth of the current day.

The prices of elastic protection are as follows:

Anti-DDoS Protection Bandwidth	Unit Price (USD/day)
20 Gbps ≤ Peak attack bandwidth < 30 Gbps	260
30 Gbps ≤ Peak attack bandwidth < 40 Gbps	450
40 Gbps ≤ Peak attack bandwidth < 50 Gbps	600
50 Gbps ≤ Peak attack bandwidth < 60 Gbps	800
60 Gbps ≤ Peak attack bandwidth < 70 Gbps	1,200
70 Gbps ≤ Peak attack bandwidth < 80 Gbps	1,500
80 Gbps ≤ Peak attack bandwidth < 90 Gbps	1,700
90 Gbps ≤ Peak attack bandwidth < 100 Gbps	1,900
100 Gbps ≤ Peak attack bandwidth < 120 Gbps	2,100
120 Gbps ≤ Peak attack bandwidth < 150 Gbps	2,300
150 Gbps ≤ Peak attack bandwidth < 200 Gbps	2,700
200 Gbps ≤ Peak attack bandwidth < 250 Gbps	4,800
250 Gbps ≤ Peak attack bandwidth < 300 Gbps	5,600

Fee Calculation Examples

Anti-DDoS Pro uses a combined billing method. Below are two fee calculation examples:

- **Single IP Instances**

For example, a user purchases a single IP Anti-DDoS Pro instance in the Shanghai region, with **20 Gbps base protection bandwidth** and **50 Gbps elastic protection bandwidth**.

One day, DDoS attacks occur with a peak attack bandwidth of 45 Gbps, which exceeds the base protection bandwidth and triggers elastic protection. The peak attack bandwidth falls in the billing tier between 40 Gbps and 50 Gbps, and the elastic protection fee generated that day is 600 USD.

Therefore, the user needs to pay a total of 3,158 USD, including 2,558 USD of the monthly base protection fee and 600 USD of the elastic protection fee generated that day.

- **Multi-IP Instances**

For example, a user purchases a multi-IP Anti-DDoS Pro instance in the Shanghai region for **5 IPs** with **20 Gbps base protection bandwidth** and **80 Gbps elastic protection bandwidth**.

Suppose 3 IPs are attacked simultaneously one day, and the attack traffic is 10 Gbps, 15 Gbps, and 30 Gbps, respectively. The total attack bandwidth is $10 \text{ Gbps} + 15 \text{ Gbps} + 30 \text{ Gbps} = 55 \text{ Gbps}$, which exceeds the 20 Gbps base protection bandwidth and triggers elastic protection. The peak attack bandwidth falls in the billing tier between 50 Gbps and 60 Gbps, and the elastic protection fee generated that day is 800 USD.

Therefore, the user needs to pay a total of 4,383 USD, including 3,583 USD of the monthly base protection fee and 800 USD of the elastic protection fee generated that day.

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Prerequisites

Before you purchase an Anti-DDoS Pro instance, you need to register for a Tencent Cloud account and complete the identity verification.

Directions

1. Log in to the [Anti-DDoS Pro Console](#), go to **Anti-DDoS Pro > Resource List**, and click **Purchase** on the top right.
2. Make the following configurations according to your needs:

Type

Dedicated Instance
Shared Instance

You can bind Anti-DDoS Dedicated Instance to one public IP of CVM or CLB. The protection bandwidth is exclusive to this IP. You can bind Anti-DDoS Shared Instance to multiple public IPs of CVMs or CLBs. These IPs share the protection bandwidth. If multiple IPs are being attacked at the same time, when the accumulated attack bandwidth exceeds the protection bandwidth, start blocking IPs from the one with the largest attack traffic.

Region

Guangzhou
Shanghai
Beijing

This Anti-DDoS Pro instance can only be bound with **Guangzhou** region's CVM or Load balancer

Base Protection

5Gbps
20Gbps
30Gbps
50Gbps

Bandwidth This part is prepaid according to the billing method you selected. To enhance the defense, you can choose a larger bandwidth for elastic defense, which is billed by actual attacks on a daily basis

CC Protection

40,000QPS

Bandwidth

Purchase

-
1
+

Quantity Up to 100 cannot be purchased at a time.

Period of Validity

1 month
2 months
3 months
4 months
5 months
6 months Sale
7 months Sale
8 months Sale
9 months Sale
1 year Sale
2 years Sale
3 years Sale

Auto Extend
 Auto-extend the service when account has sufficient balance

Elastic Protection

N/A
30Gbps
40Gbps
50Gbps
60Gbps
70Gbps
80Gbps
90Gbps

Bandwidth ?

100Gbps

Elastic protection may fail by uncertain factors like backbone line failure or other ISP policies. In case the IP is blocked but the elastic protection bandwidth is not reached, the elastic protection service of the day will be exempt from the charge.
You have not enabled elastic protection. With this feature enabled, you can easily deal with DDoS attacks with large traffic.

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- Type: choose **Single IP Instance** or **Multi-IP Instance**.
 - A single IP instance can be bound to only one Tencent Cloud public IP which will enjoy dedicated protection.
 - A multi-IP instance can be bound to multiple Tencent Cloud public IPs which will share the protection capability.
- (Optional) Number of IPs: this is available only when you choose **Multi-IP Instance**. It represents the maximum number of Tencent Cloud public IPs that can be bound to the Anti-DDoS Pro instance.
- Region: please select the region of Tencent Cloud real server. Currently, an Anti-DDoS Pro instance can only provide DDoS protection for Tencent Cloud public IPs in the same region.

Currently Anti-DDoS Pro instances in regions outside Mainland China are only available to allowed users. If you need such instances, please [contact us](#) for more information.

- Base Protection Bandwidth: the basic protection capability of the instance. It's recommended to set the base protection bandwidth slightly higher than the average of historical attack traffic so that the instance can handle most attacks.
- Quantity: number of instances you want to purchase. You can purchase up to 100 Anti-DDoS Pro instances at a time.
- Validity Period: how long the instance is going to be valid. The price will be calculated based on the number of IPs, the base protection bandwidth, and the validity period.
- Elastic Protection Bandwidth: the maximum protection bandwidth of the instance. It is recommended to set the elastic protection bandwidth slightly higher than the highest historical attack traffic to defend against large traffic attacks. Elastic protection can help you keep your IPs from being blocked when the attack traffic goes over the base protection bandwidth to ensure the continuity of your business. The fees for elastic protection are calculated based on the actual bandwidth of the attack traffic and are billed daily.

3. Click **Purchase Now** to complete the purchase.

You can also find the Purchase button on the Protection Configuration page and the Statistics page.

References

- [Billing Overview](#)
- [About Billing](#)

About Overdue Payment

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Expiration Reminder

The system will send an expiration reminder to the Tencent Cloud account creator and all collaborators 7 days before the expiry of an Anti-DDoS Pro instance via Message Center, SMS and email.

Expiration

- The system will send an expiration reminder to users 7 days before an Anti-DDoS Pro instance expires.
- Expired Anti-DDoS Pro instances will be released at 00:00 on the first day after expiration. The configuration data will be cleared and cannot be restored. DDoS protection capability will be downgraded to 2 Gbps (free) or 10 Gbps (VIP users).

Arrears Reminder

- Fees for pay-as-you-go resources are deducted on a daily basis. Once your account balance falls below zero, we will notify Tencent Cloud account creator and all the collaborators via email and SMS.
- Once you receive the arrears reminder, please go to [Billing Center > Payment](#) to top up your account as soon as possible to prevent your business from being affected.