

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:

- Mainland China: North China (Beijing), East China (Shanghai), and South China (Guangzhou).

- Outside Mainland China: Hong Kong (China), Singapore, Seoul (South Korea), Tokyo (Japan), and the Silicon Valley in the western U.S. Anti-DDoS Pro is only available to whitelist users in these regions. If you need to subscribe the service, please [contact us](#) for more information.

Billing Methods

Anti-DDoS Pro service uses combined billing methods, including monthly subscription and pay-as-you-go. The base protection bandwidth adopts monthly subscription, while the elastic protection bandwidth adopts the postpaid pay-as-you-go method and is billed by day.

Billing Items	Billing Methods	Payment Methods	Payment Description
Base Protection Bandwidth	Monthly Subscription	Freeze Payment	Provides basic protection bandwidth. The prepaid fee is based on the base protection bandwidth and the purchased usage duration. The cost will be frozen after you purchase it, and the cost of the previous month will be billed on the first day of the following month, etc.
Elastic Protection Bandwidth	Pay-as-you-go by Day	Postpaid	When the elastic protection is triggered, the bill is based on the corresponding elastic protection bandwidth of the highest attack bandwidth of that day. The bill will be generated the next day. You will not be billed if the elastic protection is not triggered. It supports upgrading and degrading configuration.

Product Price

- Base Protection**

The prices of base protection are as follows:

Type	Base Protection Bandwidth	Number of Protected IPs	CC Protection Bandwidth	Price per Unit (USD/month)
Single IP Instance	5Gbps	1	10,000QPS	77
	20Gbps		40,000QPS	2,558
	30Gbps		70,000QPS	3,946
	50Gbps		150,000QPS	8,723
	100Gbps		300,000QPS	28,790
Multi-IP Instances	20Gbps	5	40,000QPS	3,583
		10		6,808
		20		12,900
		50		25,084
		100		43,000
	50Gbps	5	150,000QPS	12,213
		10		23,204
		20		43,966
		50		85,489
		100		146,553
	100Gbps	5	300,000QPS	34,548
		10		65,642
		20		124,374
		50		241,838
		100		414,580

- 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 and bind an Anti-DDoS Pro, the bound IP only has the protection capability of the purchased Anti-DDoS Pro. The basic protection does not add to it.

• Elastic Protection

You can enable elastic protection manually as required.

- When elastic protection is not enabled, the maximum protection bandwidth is the base protection bandwidth and no extra fees are generated.
- When elastic protection is enabled, the elastic protection bandwidth is the maximum protection bandwidth of an instance.
 - When elastic protection is not triggered, no fees are generated.
 - When elastic protection is triggered (the attack traffic is larger than the base protection bandwidth and lower than or equal to the elastic protection bandwidth), the service is billed based on the largest attack traffic of the day, and the bill is generated the next day.

The prices of elastic protection are as follows:

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

Anti-DDoS Protection Bandwidth	Price per Unit (USD/day)
250 Gbps < Attack bandwidth ≤ 300 Gbps	5,600

Billing Example

Anti-DDoS Pro uses a combined billing method. Billing examples are described as follows:

- **Fee Calculation Example of Single IP Instance**

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**.

If DDoS attack occurs with the peak of 45 Gbps, which exceeds the base protection bandwidth and triggers the elastic protection bandwidth, falling in the billing tier of 40 Gbps < elastic bandwidth ≤ 50 Gbps, the elastic 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 base protection fee of that month and 600 USD of the elastic fee generated that day.

- **Fee Calculation Example of Multi-IP Instance**

Example: A user purchases a Multi-IP multiple-IP Anti-DDoS Pro instance in the Shanghai region, with **20 Gbps base protection bandwidth**, **80 Gbps elastic protection bandwidth** and **5 IPs**.

Suppose 3 IPs are attacked simultaneously that day, and the attack traffic of the attacked IPs are 10 Gbps, 15 Gbps, and 30 Gbps, respectively. The summed bandwidth of the attack is 10 Gbps + 15 Gbps + 30 Gbps = 55 Gbps, which exceeds the base protection bandwidth of 20 Gbps and triggers the elastic protection bandwidth, falling in the billing range of 50 Gbps < elastic bandwidth ≤ 60 Gbps, and the elastic 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 base protection fee of that month and 800 USD of the elastic fee generated that day.

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Prerequisites

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

Steps

1. Log in to the [Tencent Cloud Anti-DDoS Pro Console](#), select **Anti-DDoS Pro** -> **Resource List** page, and click **Purchase** on the top right.

2. Configure the following parameters according to the actual protection 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 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 7 months 8 months 9 months 1 year 2 years 3 years

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

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

Bandwidth

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.

- Type: Select **Single IP Instance** or **Multi-IP Instance**.
 - A Single IP instance can bind to one public network IP of Tencent Cloud. The IP enjoys dedicated protection capability.
 - A Multi-IP instance can bind to multiple public network IP of Tencent Cloud. These IPs share the protection capability.
- (Optional) Number of IPs: This parameter is visible only when **Type** is set to **Multi-IP Instance**. It indicates the number of public network IPs of Tencent Cloud that Anti-DDoS Pro instance can bind to.
- Region: Please select the region of the origin server of Tencent Cloud. Currently, Anti-DDoS Pro only provides anti-DDoS service for public network IPs of Tencent Cloud within the same region.

Anti-DDoS Pro in regions outside China is only available to whitelisted users. If you want to purchase the service, please [contact us](#) for more information.

- Base Protection Bandwidth: The basic protection capability of this instance. It's recommended to set the base protection bandwidth slightly higher than the historical average attack traffic value, which will allow you to handle normal attacks.
- Purchase Number: Set the number of instances you need to purchase. You are allowed to purchase up to 100 Anti-DDoS Pro instances at one time.
- Purchase Duration: Set how long the service plan you want to purchase. The fees are prepaid and calculated based on the IP number, the base protection bandwidth, and the purchased usage period.
- Elastic Protection Bandwidth: The highest possible protection capability of this instance. You are advised to refer to the largest value of the historical attack traffic, and select an elastic protection bandwidth slightly higher than the largest value to defend against sudden increases in attack traffic, avoiding IP block caused by traffic exceeding the protection bandwidth limit to ensure a non-stop business protection. The cost of the elastic part is billed according to the actual protection volume and is settled by day.

3. Click **Pay Now** to complete the payment process.

In addition to the Resource List, you can also the protection configuration page and the statistics report page also provide you with purchase entry.

More Information

- [Detailed Billing Description of Anti-DDoS Pro](#)
- [Billing FAQs](#)

About Overdue Payment

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Expiration Reminder

The system will send an expiry notification to the Tencent Cloud account creator and all collaborators 7 days before the expiry of Anti-DDoS Pro instance via internal messages, SMSs and emails.

Expiration

- The system starts to send expiration notifications to users 7 days before the Anti-DDoS Pro resource expires.
- Resources of the expired Anti-DDoS Pro instance will be released from 0:00 of the first day after expiration. The configuration data will be cleared and cannot be restored. The protection capability of the Anti-DDoS instance will return to the 2 Gbps (free) or 10 Gbps (VIP users).

Arrears Reminder

- Fees of pay-as-you-go resources are deducted on a daily basis. When your account balance is a negative value, we will notify Tencent Cloud account creator and all the collaborators using emails and SMSs.
- When you receive the arrears notification, please go to [Top-up Center](#) and top up your account in time to prevent your business from being affected.