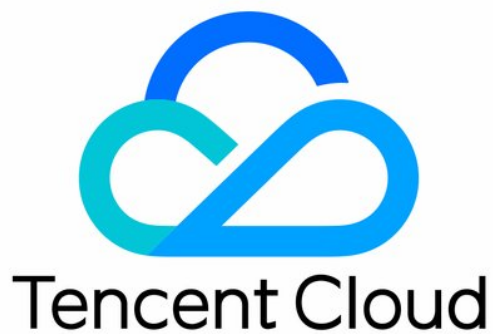


Anti-DDoS Pro

Purchase Guide

Product Documentation



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Contents

Purchase Guide

Billing Overview (Standard)

Billing Overview (Enterprise)

Purchase Directions

Purchase Guide

Billing Overview (Standard)

Last updated : 2023-10-23 11:25:11

Standard Edition

New billing rules for Tencent Cloud Anti-DDoS Pro (Standard) has officially taken effect since **March 24, 2022**.

Billing mode

The Anti-DDoS Pro (Standard) guarantees an all-out protection capability. Integrating the local cleansing capability, the all-out protection aims to spare no effort to successfully defend against each DDoS attack. In addition, the all-out protection will be enhanced along with the advance of Tencent Cloud network capabilities, and for which no extra upgrade costs are required.

Note :

Tencent Cloud reserves the right to restrict the traffic if the DDoS attacks on your application affect the infrastructure in the Tencent Cloud Anti-DDoS cleansing center. If the traffic of your Anti-DDoS Pro (Standard) instance is restricted, your application may suffer the problems such as limited or blocked access traffic.

Anti-DDoS Pro (Standard) is billed by application bandwidth and the number of protected IPs on a yearly basis. The supported validity periods are 1 year, 2 years, and 3 years. The instance unit prices vary by specification, which you can choose as needed. The protection service is currently available in Beijing, Shanghai, and Guangzhou.

Parameter	Billing mode	Payment mode	Description
Number of protected IPs	Monthly subscription	Postpaid	Please select the number of application IPs to be protected by an Anti-DDoS Pro (Standard) instance. Options: 10 (default), 50, and 100. If you need protection for more IPs, extra fees will be charged. The number can only be increased but not decreased.

Parameter	Billing mode	Payment mode	Description
Application bandwidth	Monthly subscription	Postpaid	The application bandwidth refers to the normal bandwidth of the protected application. It is billed based on monthly 95th percentile by either the outgoing or incoming traffic (whichever is higher). For the price, see Pricing of application bandwidth . Anti-DDoS Pro (Standard) allows you to exceed your plan's limit, but the all-out protection capability will become not available and only the basic protection capability remains when the limit has been exceeded for 36 hours accumulatively in a month.
		Postpaid	When elastic application bandwidth is enabled, the amount of bandwidth exceeding the specified amount will be billed.

Note :

- To use an Anti-DDoS Pro (Standard) instance, please select the same instance region as your other Tencent Cloud resources such as CVM or CLB instances, and bind it to your application IP first.
- 95th percentile bandwidth: In each calendar month, the inbound/outbound bandwidth is sampled every 5 minutes and the maximum is taken as the peak bandwidth on each day. At the end of the month, the sampled values are sorted from highest to lowest, and the top 5% are removed. The 95th largest value is the billable bandwidth of the month.

Calculation formula for elastic application bandwidth

Fee on elastic application bandwidth = (95th percentile of the monthly peak bandwidth - Prepaid application bandwidth) x Unit price of application bandwidth

Pricing

An Anti-DDoS Pro (Standard) instance protects application IPs in the same region by default, and the number of protected IPs can be increased. If you need protection for multiple IPs in different regions, you need to purchase multiple instances. If you find the specifications are not ideal, please [submit a ticket](#).

Note :

Discount for yearly subscription is not available together with other discounts. The maximum discount is applied automatically at the time of purchase.

Pricing of application bandwidth

Application bandwidth	Unit price (postpaid)
	Monthly list price
0-1 Gbps (inclusive)	14 USD/Mbps/month
1-3 Gbps (inclusive)	10 USD/Mbps/month
3-10 Gbps (inclusive)	7 USD/Mbps/month
10 Gbps above	4 USD/Mbps/month

Pricing of protected IPs

Number of protected IPs	Monthly subscription price (USD)
	List price
10 IPs	8890
50 IPs	17780
100 IPs	33333.33

Note

- For a 10-IP plan, 50 Mbps of application bandwidth is offered for free by default.
- For a 50-IP plan, 300 Mbps of application bandwidth is offered for free by default.
- For a 100-IP plan, 1,000 Mbps of application bandwidth is offered for free by default.

CC protection cap

Region	CC protection cap
Guangzhou	300,000 QPS
Shanghai	700,000 QPS
Beijing	300,000 QPS

Billing Overview (Enterprise)

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Billing Mode

The billing mode of Anti-DDoS Pro (Enterprise) varies by the region of your application.

- Chinese mainland: Base protection + elastic protection
- Outside the Chinese mainland: Tencent Cloud Anti-DDoS cleansing center provides an all-out protection

Note :

- Chinese mainland regions: Beijing, Shanghai, Guangzhou
- Outside the Chinese mainland: Hong Kong (China), Singapore, Tokyo, Jakarta, Silicon Valley, Frankfurt, Virginia, São Paulo
- All-out protection: Integrating the local cleansing capability, the all-out protection aims to spare no effort to successfully defend against each DDoS attack. Tbps-level protection capability is provided in and outside the Chinese mainland.

Anti-DDoS Pro (Enterprise) takes effect only after binding it with an Anti DDoS EIP. You need to change the cloud IP to Anti DDoS EIP. Anti-DDoS Pro (Enterprise) must be located in the same region with the bound cloud resource, and the Anti DDoS EIP is billed when it is created.

The billing details are as below:

Region	Parameter	Billing mode	Payment mode	Description
Chinese mainland	Base protection bandwidth	Monthly subscription	Postpaid	The fee is calculated based on the base protection bandwidth and how long the service plan you purchased. If you increase the bandwidth, extra fees will occur. Please note that you can only upgrade or keep your current service plan. Downgrade is not supported.

Region	Parameter	Billing mode	Payment mode	Description
	Elastic protection bandwidth	Pay-as-you-go	Postpaid	Charges will be incurred only when elastic protection is triggered. Once it is triggered, you will be billed at the tier corresponding to the amount of usage for the current day (Peak attack bandwidth – Base protection bandwidth) and settled on the following day. You can customize the configuration to meet your protection needs.
In and outside the Chinese mainland	Application bandwidth	Monthly subscription	Postpaid	The application bandwidth refers to the normal bandwidth of the protected application and is billed by 95th percentile. Anti-DDoS Pro (Enterprise) allows you to exceed your plan's limit, but the all-out protection capability will become not available and only the basic protection capability remains when the limit has been exceeded for 36 hours accumulatively in a month. The application bandwidth can be increased or decreased, which takes effect in the next month.
		Pay-as-you-go	Postpaid	When elastic application bandwidth is enabled, the amount of bandwidth exceeding the specified amount will be billed. For the price, see Pricing of application bandwidth .

Note :

- 95th percentile bandwidth: In each calendar month, the inbound/outbound bandwidth is sampled every 5 minutes and the maximum is taken as the peak bandwidth on each day. At the end of the month, the sampled values are sorted from highest to lowest, and the top 5% are removed. The 95th largest value is the billable bandwidth of the month.
- For a 10-IP plan, 50 Mbps of application bandwidth is offered for free by default.
- For a 50-IP plan, 300 Mbps of application bandwidth is offered for free by default.
- For a 100-IP plan, 1,000 Mbps of application bandwidth is offered for free by default.

Chinese Mainland

Base protection

Base protection is a postpaid monthly subscription service. See the following table for detailed prices.

Base protection bandwidth	Monthly list price (USD)			
	1IP	10IP	50IP	100IP
300G	3200	13333.33	26666.66	44444.44
400G	5422.22	22222.22	44444.44	84444.44
500G	16533.33	66666.66	88888.88	111111.11
600G	19866.66	80000	111111.11	133333.33
800G	22088.88	88888.88	133333.33	177777.77
1T	27644.44	111111.11	177777.77	222222.22

Elastic protection

You can enable elastic protection as needed.

- If elastic protection is not enabled for an instance, its maximum protection will be the base protection bandwidth, and no extra fees will be incurred.
- If elastic protection is enabled for an instance, its maximum protection will be the selected elastic protection bandwidth.
 - If elastic protection is not triggered, no charges will be incurred.
 - Elastic protection will be triggered when the peak attack traffic exceeds the base protection bandwidth. You will be billed at the tier corresponding to the amount of usage for the current day (Peak attack bandwidth – Base protection bandwidth) and settled on the following day.

Elastic bandwidth cap is the overall amount of multiple ISP bandwidth limits. Note that blocking may occur when attack traffic exceeds one of the limits even if the overall cap is not reached.

- Billing for postpaid elastic protection of Anti-DDoS Pro (Enterprise): Settled on a calendar day.
- Billable elastic bandwidth = Peak attack bandwidth – Base protection bandwidth

The detailed pricing of elastic protection is as follows:

Elastic protection bandwidth (Gbps)	Below 5 IPs (USD)	5-10 IPs (USD)	10-20 IPs (USD)	20-50 IPs (USD)	50 IPs above (USD)
$0 < \text{Billable elastic bandwidth} \leq 5$	130	260	390	520	650

Elastic protection bandwidth (Gbps)	Below 5 IPs (USD)	5-10 IPs (USD)	10-20 IPs (USD)	20-50 IPs (USD)	50 IPs above (USD)
5 < Billable elastic bandwidth ≤10	166.66	333.33	500	666.66	833.33
10 < Billable elastic bandwidth ≤20	333.33	666.66	1000	1333.33	1666.66
20 < Billable elastic bandwidth ≤30	583.33	1166.66	1750	2333.33	2916.66
30 < Billable elastic bandwidth ≤40	800	1600	2400	3200	4000
40 < Billable elastic bandwidth ≤50	950	1900	2850	3800	4750
50 < Billable elastic bandwidth ≤60	1100	2200	3300	4400	5500
60 < Billable elastic bandwidth ≤70	1250	2500	3750	5000	6250
70 < Billable elastic bandwidth ≤80	1391.66	2783.33	4175	5566.66	6958.33
80 < Billable elastic bandwidth ≤90	1533.33	3066.66	4600	6133.33	7666.66
90 < Billable elastic bandwidth ≤100	1675	3350	5025	6700	8375
100 < Billable elastic bandwidth ≤120	1958.33	3916.66	5875	7833.33	9791.66
120 < Billable elastic bandwidth ≤150	2383.33	4766.66	7150	9533.33	11916.66
150 < Billable elastic bandwidth ≤200	3091.66	6183.33	9275	12366.66	15458.33
200 < Billable elastic bandwidth ≤250	3800	7600	11400	15200	19000
250 < Billable elastic bandwidth ≤300	4466.66	8933.33	13400	17866.66	22333.33

Elastic protection bandwidth (Gbps)	Below 5 IPs (USD)	5-10 IPs (USD)	10-20 IPs (USD)	20-50 IPs (USD)	50 IPs above (USD)
300 < Billable elastic bandwidth ≤ 400	6333.33	12666.66	19000	25333.33	31666.66
400 < Billable elastic bandwidth ≤ 600	8800	17600	26400	35200	44000
600 < Billable elastic bandwidth ≤ 900	14666.66	29333.33	44000	58666.66	73333.33
900 < Billable elastic bandwidth ≤ 1200	20000	40000	60000	80000	100000

Note :

When elastic application bandwidth is enabled, and if you want to **disable** it, this will take effect in the next month.

Pricing of application bandwidth

The application bandwidth refers to the normal bandwidth of the protected application. It is billed based on monthly 95th percentile by either the outgoing or incoming traffic (whichever is higher).

Application bandwidth	Unit price (postpaid)
	Monthly list price
0-1 Gbps (inclusive)	14 USD/Mbps/month
1-3 Gbps (inclusive)	10 USD/Mbps/month
3-10 Gbps (inclusive)	7 USD/Mbps/month
10 Gbps above	4 USD/Mbps/month

Calculation formula for elastic application bandwidth

Fee on elastic application bandwidth = (95th percentile of the monthly peak bandwidth - Prepaid application bandwidth) x Unit price

Outside the Chinese Mainland

Pricing of protected IPs

Number of protected IPs	Monthly subscription price (USD)
	List price
1 IP	2367
10 IPs	8890
50 IPs	17780
100 IPs	33333.33

Purchase Directions

Last updated : 2023-06-25 14:37:18

Prerequisite

You need to [sign up for a Tencent Cloud account](#) before purchasing an Anti-DDoS Pro instance.

Purchasing Anti-DDoS Pro (Standard)

1. Log in to the [Anti-DDoS Pro purchase page](#), and select **Standard**.

The screenshot shows the 'Anti-DDoS Products' page with the 'Standard' package selected. The configuration options are as follows:

- Package:** Standard (selected), Enterprise, Custom Edition
- Specifications:**
 - Access Mode: Pass-through
 - Bandwidth Type: Tencent Cloud multi-BGP line network
 - Protection Scope: Public IPs of Tencent Cloud resources such as CVM, CLB, GAAP and WAF
 - Description: All-out protection powered by the highest capability of Tencent Cloud Anti-DDoS cleansing center [Learn more](#)
- Specification Settings:**
 - Region: South China (selected), East China, Southwest China, North China, Hong Kong, Macau and Taiwan (China), Asia Pacific, Europe, West US, East US, North America, South America
 - Protected IPs: 1 (selected), 10, 50, 100
 - Bandwidth: 10 to 3000 Mbps (slider set to 10)
 - Protected times: Unlimited
- Others:**

Total Amount: 2,500.00 USD/month [Pay Now](#)

2. Configure the following parameters as needed.

Parameter	Description
Select line	It provides BGP lines and non-BGP lines (CTCC, CUCC, CMCC).

Parameter	Description
Specification description	- Access mode: Pass-through - Bandwidth type: Tencent Cloud multi-BGP line network - Protection capability: All-out protection - Protected targets: Public IPs of Tencent Cloud resources such as CVM, CLB, GAAP and WAF
Region	Please select the region of the public IP. Currently, an Anti-DDoS Pro instance can only provide DDoS protection for public IPs of Tencent Cloud resources in the same region.
Number of protected IPs	Number of public IPs to be protected by an Anti-DDoS Pro instance. Available specifications: 10 (default), 50, and 100.
Application bandwidth	It refers to the normal bandwidth of the protected application. It is billed based on monthly 95th percentile by either the outgoing or incoming traffic (whichever is higher).
Protection period	Select how long the service plan you want to purchase. The fees are prepaid and calculated based on the base protection bandwidth, application bandwidth and the purchased usage period.
Protection times	Number of all-out protection chances for your application.
Auto-renewal	Optional. When auto-renewal is enabled, your subscription will be automatically renewed upon the expiration if your Tencent Cloud account has sufficient balance. The renewal cycle is 3 months for Anti-DDoS Pro instances that are purchased on a quarterly or yearly basis.

>! >- You can enable elastic application bandwidth when you need to increase application bandwidth and QPS. After it's enabled, the amount of bandwidth exceeding the specified amount will be billed. For billing details, see [Billing Overview (Standard)](<https://www.tencentcloud.com/document/product/1029/55300>). >- Anti-DDoS Pro allows you to exceed your plan's limit, but the all-out protection capability will become not available and only the basic protection capability remains when the limit has been exceeded for 36 hours accumulatively in a month. >

3. Click **Pay Now** to complete your purchase.

Purchasing Anti-DDoS Pro (Enterprise)

1. Log in to the [Anti-DDoS Pro purchase page](#), and select **Enterprise**.

The screenshot shows the 'Anti-DDoS Products' page with the 'Enterprise' package selected. The configuration includes:

- Package:** Enterprise
- Specifications:**
 - Access Mode: Pass-through
 - Bandwidth Type: Tencent Cloud multi-BGP line network
 - Protection Scope: Tencent Cloud Anti-DDoS EIP
 - Overseas area: Use the highest ability of Tencent Cloud High Anti-Cleaning Center for full protection
- Specification Settings:**
 - Region: South China (Selected)
 - Protected IPs: 10 (Selected)
 - Base Protection Bandwidth: 300Gbps (Selected)
 - Elastic Protection Bandwidth: None (Selected)
 - Bandwidth: 50 Mbps (Selected)
 - Protected times: Unlimited
- Others:**
 - Tag (optional): Tag key and Tag value fields with a Delete button.

Total Amount: 13,333.33 USD/month

2. Configure the following parameters as needed.

Parameter	Description
Specification description	- Access mode: Pass-through - Bandwidth type: Tencent Cloud multi-BGP line network - Protection capability: Anti DDoS EIP - Notes: - Chinese mainland: Base protection + elastic protection - Outside Chinese mainland: Tencent Cloud Anti-DDoS cleansing center provides an all-out protection
Region	Please select the region of the public IP. Currently, an Anti-DDoS Pro instance can only provide DDoS protection for public IPs of Tencent Cloud resources in the same region.
Number of protected IPs	Number of public IPs to be protected by an Anti-DDoS Pro instance. Available specifications: 10 (default), 50, and 100.
Base protection bandwidth	It supports monthly subscription. We recommend that you select a base protection bandwidth slightly higher than the average value of the historical attack traffic, which will allow you to handle normal attacks.

Parameter	Description
Elastic protection bandwidth	It is billed based on the actual protection bandwidth by day. We recommend that you select an elastic protection bandwidth slightly higher than the largest attack traffic in history to defend against normal attacks, and reduce the possibility of IP blocking caused by traffic exceeding the protection bandwidth limit.
Application bandwidth	It refers to the normal bandwidth of the protected application. It is billed based on monthly 95th percentile by either the outgoing or incoming traffic (whichever is higher).
Protection period	Select how long the service plan you want to purchase. The fees are prepaid and calculated based on the base protection bandwidth, application bandwidth and the purchased usage period.
Protection times	Number of all-out protection chances for your application.
Auto-renewal	Optional. When auto-renewal is enabled, your subscription will be automatically renewed upon the expiration if your Tencent Cloud account has sufficient balance. The renewal cycle is 3 months for Anti-DDoS Pro instances that are purchased on a quarterly or yearly basis.

>! >- You can enable elastic application bandwidth when you need to increase application bandwidth and QPS. After it's enabled, the amount of bandwidth exceeding the specified amount will be billed. For billing details, see [Billing Overview (Enterprise)](<https://www.tencentcloud.com/document/product/1029/55301>). >- Anti-DDoS Pro allows you to exceed your plan's limit, but the all-out protection capability will become not available and only the basic protection capability remains when the limit has been exceeded for 36 hours accumulatively in a month. >

3. Click **Pay Now** to complete your purchase.