

Tencent Cloud Firewall

Release Notes and Announcements

Product Documentation



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Release Notes and Announcements

Engine Release Notes

Last updated : 2024-08-19 14:30:10

The firewall engine updates apply to both the NAT Firewall and the Inter-VPC Firewall. You can find the version number corresponding to the current instance in the firewall instance details and view the corresponding update content. It is recommended to upgrade to the latest version as soon as possible.

Note:

Defect fixes or optimizations of historical version engine packages will not be incorporated into historical version engines. Please upgrade to the latest version of the engine.

Version Number	Features (New features that require the current and later version of the engine)	Update Notes	Update Time
cfw_v4.3.2.1229	-	[Optimization] Fixed some defects.	August 14, 2024
cfw_v4.3.0.1197	-	[Optimization] Fixed some defects.	June 28, 2024
cfw_v4.3.0.1195	Customized DNS for configuration of domain name resolution rules. Inter-VPC firewall supports the bandwidth statistics of IP granularity and VPC granularity.	[New] Supports customizing DNS configuration domain name resolution rules. [New] Inter-VPC firewall supports IP granularity and VPC granularity bandwidth statistics. [Optimization] Fixed some defects.	June 26, 2024
cfw_v4.1.2.1092	Simulated test. Transparent mode.	[New] Added simulated test feature. [New] Added transparent mode. [Optimization] Optimized firewall full load state determination. [Optimization] Optimized matching efficiency of address templates. [Optimization] Optimized the scenario where the traffic is automatically routed to the firewall when the IP address does not exist. [New] CCN mode supports bypass operations in custom routing mode. [New] Supports creating light-weighted	December 19, 2023

		instances. [Optimization] Optimized engine performance. [New] VPC Firewall supports bidirectional allowlist control. [Optimization] Optimized engine stability.	
cfw_v4.0.1.1023	-	[Optimization] Fixed DNS configuration failure issue. [Optimization] Fixed session synchronization failure issue.	September 5, 2023
cfw_v3.7.0.1002	-	[Optimization] Fixed some defects.	July 26, 2023
cfw_v3.5.1.917	-	[Optimization] Fixed some defects.	April 7, 2023
cfw_v3.5.0.860	-	[Optimization] Fixed some defects.	January 12, 2023

Product Announcement

Announcement on the Adjustment of CFW Billing Mode

Last updated : 2023-11-20 09:01:42

Dear Tencent Cloud user,

In order to provide you with a more refined, stable, and high-quality Cloud Firewall (CFW) service, an edge serial firewall will be added to CFW, which is scheduled for a gradual regional roll out starting from November 2023. Upon the release of the Internet edge serial firewall, we will simultaneously have two different forms of north-south protection capabilities: Internet edge serial firewall and NAT edge firewall.

To facilitate your own bandwidth allocation and consider the overlap of north-south protection features, **we will make adjustments to CFW's billing mode from 00:00 (GMT+8:00) on December 11, 2023. The specific product upgrades and billing mode adjustments are as follows:**

New Billing Specifications

Billing	Advanced Edition	Enterprise Edition	Ultimate Edition	Elastic Scaling
Billing mode	Monthly and yearly subscription	Monthly and yearly subscription	Monthly and yearly subscription	Not supported
Basic price	420 USD/month	1,450 USD/month	3,900 USD/month	Not supported
Available purchase duration	6 months, 1 year, 2 years, 3 years, 5 years	1 month, 3 months, 6 months, 1 year, 2 years, 3 years, 5 years		Not supported
Discount	6 months or less purchase: standard price 1-year purchase: 15% discount 2-year purchase: 30% discount 3-year purchase or more: 50% discount			Not supported
North-south	Default value:	Default value:	Default value: 300	Expanded bandwidth: 16

protection bandwidth: can be allocated to Internet edge serial firewalls and NAT edge firewalls	20 Mbps Maximum value: 200 Mbps	100 Mbps Maximum value: 1 Gbps	Mbps Maximum value: 30 Gbps	USD/Mbps/month
Number of public IP addresses	10 addresses	50 addresses	200 addresses	For each 1 Mbps of expanded north-south bandwidth, the supported number of public IP addresses increases by 1.
General instance quota: can be used to create Internet edge firewall instances, NAT edge firewall instances, and inter-VPC firewall instances	1 instance	2 instances	3 instances	Supports expansion, at a price of 430 USD/instance/month.
Internet access control	1,000 L4/L7 outbound rules and 1,000 L4/L7 inbound rules	2,000 L4/L7 outbound rules and 2,000 L4/L7 inbound rules	5,000 L4/L7 outbound rules and 5,000 L4/L7 inbound rules	Not supported
Regional blocking for Internet access control	Not supported	Supported	Supported	Not supported
Inter-VPC firewall bandwidth	Not Supported	Default value: 200 Mbps	Default value: 1 Gbps	Expansion of inter-VPC firewall to 10 Mbps: 12 USD/month Expansion of inter-VPC firewall to 1 Gbps: 749 USD/month Firewall instances at or below 1 Gbps are lightweight instances and

				do not include intrusion prevention features.
Network honeypot	Supported, requiring purchase of quota	Supported, requiring purchase of quota	Supported, requiring purchase of quota	99 USD/honeypot/month, with 1 probe quota included.
Log analysis (analysis and 6-month storage): Up to 50 GB of logs are stored for 7 days by default. Note: The actual storage duration is subject to your configuration in the console.	With the purchase of log analysis, you receive a free capacity of 1000 GB, which can be expanded to up to 100,000 GB.	With the purchase of log analysis, you receive a free capacity of 1000 GB, which can be expanded to up to 100,000 GB (supports enterprise security group logs). Offering begins from 3000 GB, with an accompanying complimentary log analysis quota.	With the purchase of log analysis, you receive a free capacity of 1000 GB, which can be expanded to up to 100,000 GB (supports enterprise security group logs). Offering begins from 5000 GB, inclusive of a complimentary log analysis quota.	Elastic scaling: 0.13 USD/GB/month; the storage period is identical to the subscription period. Pay-as-you-go: For the portion between 1000 GB and 6120 GB, the cost is 0.006 USD/GB/day; for the portion exceeding 6120 GB, the cost is 0.004 USD/GB/day.
Traffic visualization	Supported	Supported	Supported	Not supported
Intrusion prevention service (IPS) (intelligent intrusion blocking)	Supported	Supported	Supported	Not supported
Blocked list	4,000 entries	10,000 entries	20,000 entries	Blocked list capacity expansion: 0.2 USD/entry/month
Integrated threat intelligence (automatic blocking of	Supported	Supported	Supported	Not supported

malicious outbound connections)				
Enterprise security group	Supported for a limited time	Supported	Supported	Not supported
Security baseline	Not supported	Not supported	Supported	Not supported

Comparison Between the New and Old Billing Modes

1. The original **Internet edge firewall bandwidth** is upgraded to the **north-south protection bandwidth**. With each purchase of 1 Mbps north-south protection bandwidth, you will receive one free public IP address quota supported by the Internet edge firewall.

Note:

North-south protection bandwidth = Internet edge serial firewall bandwidth + NAT edge firewall bandwidth. You can allocate north-south bandwidth to any north-south firewall as required.

2. The original **firewall instance quota** is upgraded to the **general instance quota**; the Advanced, Enterprise, and Ultimate editions contain 1, 2, and 3 general scalable instance quotas, respectively.

Note:

The general instance quota can be used to create **Internet edge serial firewall instances**, **NAT edge firewall instances**, or **inter-VPC firewall instances** (only for the Enterprise edition and above).

3. The scaling of the original VPC firewall bandwidth requires purchasing the inter-VPC firewall feature. After this billing mode adjustment, users of the Enterprise edition and above will get an additional gift of **inter-VPC firewall bandwidth quota**, with the Enterprise edition receiving a 200 Mbps quota and the Ultimate edition receiving a 1 Gbps quota.

Note:

Inter-VPC firewalls with specifications under 1 Gbps are lightweight firewalls and do not provide intrusion prevention. For more details, see [Inter-VPC Firewall Toggle](#).

Legacy User Discount Policies

If you have purchased a CFW product before the implementation of the new billing mode, as a token of our appreciation for your continuous support, we will upgrade the product specifications you have purchased and gift you with the following specifications after the new billing mode is implemented:

1. As of the date when the new billing mode takes effect, for the **Internet edge firewall bandwidth** you have purchased, we will offer you a free upgrade to the **north-south protection bandwidth**, allowing you to distribute your bandwidth to the Internet edge serial firewall or NAT edge firewall as required.

2. As of the date when the new billing mode takes effect, if the firewall instance quota you had before the billing mode takes effect exceeds the new package specifications and, subsequently, there is no downgrading behavior within the package's validity period, we will **increase the general instance quota so that the quota is equal to the "sum of the current NAT edge firewall instance quota and the created VPC firewall instance quota"** within the package's validity period.

Example:

On the day when the new billing mode takes effect, you are an Ultimate edition user with a quota for 5 NAT edge firewall instances, and you have already created 1 inter-VPC firewall instance. Although according to the new billing mode, you only have a quota of 3 general instances, we will automatically increase your quota to 6 general instances once the new billing mode takes effect. Please note that existing firewall instances will occupy the general instance quota. If you need to reallocate the general instance quota, you can terminate firewall instances in the console.

3. If you are an Enterprise edition or Ultimate edition user, once the new billing mode takes effect, we will automatically enable the inter-VPC firewall feature for you, and **gift you additional inter-VPC firewall bandwidth quota included in the new package** based on the inter-VPC firewall you have already purchased, if any.

4. If there is a downgrading behavior during the package's validity period, the gift specifications of the firewall instance quota will be canceled.

FAQs

For a legacy user, will the bandwidth originally purchased decrease after the billing mode adjustment?

No. We sincerely appreciate your trust and support. After the billing mode adjustment, the bandwidth quota you originally purchased will not decrease compared to that of the new billing mode; on the contrary, its usability will become more flexible, and you can distribute quota at will to the Internet edge serial firewall bandwidth or NAT edge firewall bandwidth.

For a legacy user, will the created NAT edge firewall be affected by the billing mode adjustment?

No. Following the billing mode adjustment, the original Internet edge bandwidth will be upgraded to the north-south protection bandwidth, and the NAT edge firewall that you have created will occupy the quota of the north-south protection bandwidth.

For a legacy user, will the purchased or created inter-VPC firewall be affected by the billing mode adjustment?

No. If you have previously purchased the inter-VPC firewall, the quota will still remain after the billing mode adjustment, and the inter-VPC firewall bandwidth quota that comes with the package will be provided in addition to the

original quota. For example, if you are an Ultimate edition user and previously bought 1 Gbps of the inter-VPC firewall bandwidth, after the billing mode adjustment, you will have 2 Gbps of the inter-VPC firewall bandwidth.

After the new billing mode is launched, can I select the original billing plan?

From the effective date of the new billing mode, new CFW users will automatically adapt to the new billing plan and cannot choose the original billing plan. If you have purchased CFW before the new billing mode takes effect, we will automatically switch you to the new plan and you will enjoy the preferential policies for legacy users.

If you have any questions about the above information, feel free to [submit a ticket](#) to contact us. We appreciate your continued support for CFW.