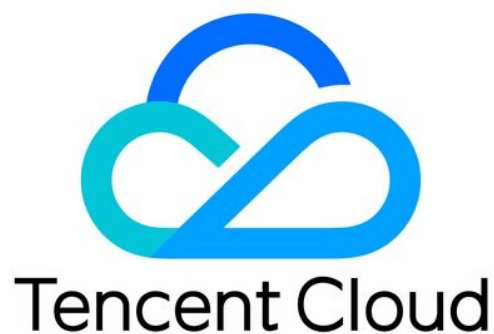


Virtual Private Cloud

Release Notes and Announcements

Product Documentation



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Release Notes and Announcements

Release Notes

Last updated : 2022-06-27 14:53:34

February 2022

Update	Description	Release Date	Documentation
Added support for creating IP ranges with a minimum mask of "/12" bits for VPCs	The minimum mask of the VPC IP ranges beginning with 10 and 172 is changed from "/16" to "/12" bits to support the creation of a larger range of CIDR blocks to meet network requirements such as scaling.	2022-02	Overview

December 2021

Update	Description	Release Date	Documentation
Launched snapshot backup and rollback features for security groups	Snapshot policies can be configured for a security group to back up its inbound and outbound rules, and rule comparison, preview, and quick rollback are supported.	2021-12	Snapshot Policy Snapshot Rollback

August 2021

Update	Description	Release Date	Documentation
Opened the secondary CIDR block feature to all users	The secondary CIDR block feature is opened to all users. You can directly edit secondary CIDR blocks in the VPC console with no need to apply for additional permissions.	2021-08	Editing IPv4 CIDR Blocks

November 2020

Update	Description	Release Date	Documentation
Increased the quotas	Quotas of the following resource items are increased: The number of VPCs per account per region is adjusted to 20. The number of subnets per VPC is adjusted to 100. The number of secondary ENIs per VPC is adjusted to 1,000.	November 2020	Quota Limit

December 2019

Update	Description	Release Date	Documentation
Added support for displaying the last modified time of security group rules	The `Last Modified Time` attribute is added for each security group rule, which records the creation time or last modified time for easier troubleshooting.	2019-12	-

November 2019

Update	Description	Release Date	Documentation
Opened HAVIP to all users	A high-availability virtual IP (HAVIP) is a floating private IP address that supports binding to a server by using ARP announcement to update the mapping between the IP address and MAC address. In a high-availability deployment use case (such as keepalived), this IP address can be switched from the primary server to the secondary server for business disaster recovery.	2019-11	Use cases
Added support for adding IPv6 rules to security groups	By adding IPv6 rules to a security group, you can allow or reject traffic to and from public or private networks for IPv6 CVM instances in a security group.	2019-11	Adding a Security Group Rule

July 2019

Update	Description	Release Date	Documentation
Added support for tags for VPCs	VPCs, subnets, and route tables support resource-level tags, which can help you better manage resource permissions for sub-users and collaborators.	2019-07	-

December 2018

Update	Description	Release Date	Documentation
Launched the instance port verification feature	The instance port verification feature can help you check the accessibility of security group ports of CVM instances and quickly locate faults, improving user experience.	2018-12	Instance Port Verification

October 2018

Update	Description	Release Date	Documentation
Added support for quickly opening common ports in a security group	This operation is applicable to scenarios in which ICMP protocol rules do not need to be set and operations can be completed through ports 22, 3389, ICMP, 80, 443, 20, and 21.	2018-10	Adding a Security Group Rule

June 2018

Update	Description	Release Date	Documentation
Added support for the DHCP option set	The Dynamic Host Configuration Protocol (DHCP) is a LAN network protocol that provides the standard for delivering configuration information to	2018-06	Modifying VPC DNS

	TCP/IP network servers. The CVM instances in Tencent Cloud VPCs support DHCP. You can configure the two parameters on the VPC details page. These settings will take effect for all CVM instances under that VPC.		
Launched the network probe feature	The Tencent Cloud network probe service is used to monitor the quality of VPC connections, including latency, packet loss rate, and other key metrics. You can quickly locate problems by setting alarms and multidimensional monitoring via the network probe. You can also create a network probe object in a subnet to monitor the connection quality in real time, so as to improve the business stability.	2018-06	Network Probe

February 2018

Update	Description	Release Date	Documentation
Added support for binding a VPC-based TencentDB to a security group	Security groups can be bound to TencentDB instances. A security group is a stateful virtual firewall that provides data packet filtering. It can be used to set network access control for CVM instances, ENIs, and TencentDB instances in VPCs, thereby effectively enhancing the security of TencentDB.	2018-02	Associating CVM Instances with Security Groups
Added support for operation audit for VPCs and security groups	CloudAudit is supported for VPCs and security groups to get the history of API calls under your Tencent Cloud account, including those made through the Tencent Cloud console, Tencent Cloud SDKs, command line tools, and other Tencent Cloud services, to monitor any deployment behaviors in Tencent Cloud. You can find out the sub-users and collaborators who use Tencent Cloud APIs, the source IP addresses from which the APIs are called, and when they are called.	2018-02	-

June 2017

Update	Description	Release Date	Documentation
Added support for access control for security groups	You can manage the user permissions in a security group, which makes your services more secure.	2017-06	Cloud Access Management Overview
Added support for parameter templates for security groups	A parameter template is a set of parameters. You can save IP addresses and protocol ports as a template that can be directly imported when security group rules are added. Parameter templates, if properly used, can enhance your efficiency in using security groups.	2017-06	Parameter Template Management
Upgraded the monitoring feature	The visualized alarming and monitoring data of multiple key metrics and acquisition of monitoring data through APIs are supported to ensure the steady and smooth operation of your services.	2017-06	-

May 2017

Update	Description	Release Date	Documentation
Added support for access control for security groups	You can manage the user permissions in a security group, which makes your services more secure.	2017-05	Cloud Access Management Overview

January 2017

Update	Description	Release Date	Documentation
Added support for broadcast and multicast	Broadcast and multicast are one-to-many communication, which can help you save network bandwidth and reduce network load through efficient point-to-multipoint data transfer. Broadcast: Tencent Cloud supports broadcast in the subnet dimension.	2017-01	Enabling or Disabling Broadcast

	Multicast: Tencent Cloud supports multicast in the VPC dimension.		
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October 2016

Update	Description	Release Date	Documentation
Added support for ENIs	The multi-ENI hot swapping service for CVM instances helps you achieve isolation among three networks and deployment of high-availability services.	2016-10	ENIs

December 2015

Update	Description	Release Date	Documentation
Added support for network topology diagrams	A network topology diagram can clearly display your network architecture to help you easily tackle problems with network management.	2015-12	-

May 2015

Update	Description	Release Date	Documentation
Launched VPC	A VPC is an independent isolated network space that supports software-defined networks, connection with your IDCs through VPN Connections or Direct Connect, and flexible deployment of hybrid cloud.	2015-05	Virtual Private Cloud

[July 15, 2024] Virtual Private Cloud (VPC) API Authentication Upgrade Announcement

Last updated : 2024-07-04 10:26:28

Dear Tencent Cloud user,

Thank you for your long-term attention and support for Tencent Cloud. To provide you with a more comprehensive authentication feature, from Monday, July 15, 2024, to Thursday, July 18, 2024, authentication to certain APIs will be added in Tencent Cloud Virtual Private Cloud (VPC). If your sub-accounts still need access to the respective APIs, you can authorize your sub-accounts by referring to the [Creating Custom Policies via Policy Generator](#) method. After completing the API authentication, your sub-accounts will have normal access to the APIs. If your sub-accounts do not need access to the respective APIs, you can ignore this notice.

Thank you for your trust and support for Tencent Cloud. If you encounter any problems while using our cloud products, you can seek [Online Consultation](#).

List of APIs with Added Authentication

API Name	API Feature
AssignIpv6Addresses	Assigns an IPv6 address to the ENI.
AssignIpv6SubnetCidrBlock	Assigns IPv6 subnet segments.
DescribeNetworkInterfaceLimit	Queries the ENI quota.
DescribeUsedIpAddress	Views the IP usage within the subnet or VPC.
DescribeVpcIpv6Addresses	Queries the IPv6 list within the VPC.
DescribeVpcPrivateIpAddresses	Queries VPC private network IP information.

[October 8, 2023] Start Charging on Cross-AZ Traffic in the Same Region

Last updated : 2024-06-28 11:18:51

Tencent Cloud VPC will start charging for cross-AZ data transfer in the same region from 00:00 (UTC+8) on October 8, 2023. Please check your account to make sure it has enough funds to prevent unexpected impacts on your services.

1. Billing and Pricing

1.1 Billable items

You are charged for the traffic going from a CVM or TKE instance to CVM, TKE, CLB and TencentDB instances in other AZs of the same region. Both intra- and inter-VPC data transfer incur charges. The traffic going to CLB and TencentDB is free of charge for now.

1.2 Pricing

From now till 00:00:00 (UTC+8), October 10, 2025, a 1000-TB free tier is provided per month for each account. For pricing details, see [Billing Overview](#).

1.3. Overdue payment

See [Payment Overdue](#).

2. Related operations

2.1 Purchase

This feature is activated by default. You don't need to purchase it.

2.2 Data monitoring

You can check the data on the VPC level.

Data options:

1. Regional data (Total cross-AZ traffic in this region): Outbound traffic in GB.
2. AZ-based data (Specified source and destination AZs): Outbound traffic in GB.

Period options: Real-time (5-minute samples in the past hour), 24h, 7 days and custom periods (cannot exceed the data retention period).

Ending Support for Classic Network

Last updated : 2022-03-01 17:49:20

Tencent Cloud stopped the supporting of the creation of any new resources in the classic network on **January 31, 2022** and will officially discontinue the classic network product since **December 31, 2022**. After that, all classic network-based resources will be migrated to VPC.

Tencent Cloud VPC provides all the features of the classic network and provides a more secure, flexible, and stable network environment and user experience. To migrate your services from the classic network to VPC, see [Migration Solutions](#).

Note:

Also refer to [Classic Network FAQs](#).

Contact Us

[Contact us](#) if you need any further helps.

VPC API Authentication Upgrade

Last updated : 2021-11-12 16:24:17

After 0:00 on September 23, 2021, Beijing time, the authentication feature of some VPC APIs was upgraded and optimized. After the upgrade, sub-users need to apply for authorization from the root account to call these APIs; otherwise, the call will fail. For the application process, please see [Granting Sub-accounts the Policy Permission](#).

Related APIs

API	Feature
CreateDefaultVpc	Creates the default VPC.

Granting Sub-accounts the Policy Permission

Please complete the policy authorization for your sub-users as instructed below to prevent failed calls to the upgraded APIs.

1. Log in to the [CAM console](#).
2. Click **Policies** on the left sidebar.
3. Click **All Policies**.
4. Click **Associate Users/Groups** on the right of the target policy.
5. In the pop-up window, select target users from the box on the left to the **Selected** box on the right, and click **Confirm**.

Associate Users/User Groups

Select Users (40 Total)

Support multi-keyword search by user name/ID/SecretId/mob

User **Switch to User Group**

<input checked="" type="checkbox"/>	[blurred]	User
<input checked="" type="checkbox"/>	[blurred]	User
<input type="checkbox"/>	[blurred]	User
<input type="checkbox"/>	[blurred]	User
<input type="checkbox"/>	[blurred]	User
<input type="checkbox"/>	[blurred]	User

(2) selected

Name	Type
[blurred]	User
[blurred]	User

Support for holding shift key down for multiple selection

Confirm **Cancel**

6. It is optional: if you need to associate a user group, please click **Switch to User Groups** -> **User Groups** in the pop-up window, and repeat the operations in [step 5](#).

