Direct Connect

Release Notes and Announcements

Product Documentation

Contents

Release Notes and Announcements
Release Notes

Last updated：2022-07-14 19:08:01

July 2021

Update	Description	Release Date	Documentation
Optimizes the UI design of CCN-based direct connect gateway publishing IDC IP ranges	The visual configuration of publishing IDC IP ranges to CCN makes it easier and faster to interconnect IDC and CCN. The connection status of CCN, direct connect gateway, and dedicated tunnels are displayed in real time (connected in green, and pending connection in gray). The IP range description facilitates management.	2021-07-10	Publishing IDC IP Ranges to CCN

April 2021

Update	Description	Release Date	Documentation
Supports modifying the connection bandwidth	The connection bandwidth can be modified in the console. The bandwidth value should be at least the total bandwidth caps of all dedicated tunnels (or 1 Mbps if there is no dedicated tunnel), and cannot exceed the port bandwidth.	2021-04-08	Managing Connections

February 2021

Update	Description	Release Date	Documentation
Upgrades dedicated tunnels	The dedicated tunnels are upgraded to versions 1.0 and 2.0, which change with the associated connection. The tunnel 1.0 now supports adjusting bandwidth.	2021-02-01	Applying for a Dedicated Tunnel

The tunnel 2.0 supports features including bandwidth adjustment, health check, and network probe.

January 2021

Update	Description	Release Date	Documentation
Supports viewing the route table of a CCN-based direct connect gateway	If you use a CCN-based direct connect gateway in the Direct Connect network architecture, you can view the IDC routes and CCN routes to the direct connect gateway in the console.	2021-01-20	Viewing Route Tables
Supports resource-level permissions for dedicated tunnel and direct connect gateway	Dedicated tunnel and direct connect gateway support resource-level permissions. You can use the CAM service to control access to your services, prevent data leakage and avoid security risks.	2021-01-19	Cloud Access Management - Overview

November 2020

Update	Description	Release Date	Documentation
Updates the port fees of the connection	Starting from February 1, 2021, all the new connections will be exempted from the initial installation fee.	2020-11-18	Billing Overview
Updates the direct connect gateway charges	Starting from December 1, 2020, direct connect gateways will be charged with traffic fees. The inbound traffic is free of charge, while the outbound traffic fee is billed at a rate of 0.0015 USD/GB after a Tencent Cloud account uses up the free tier of 50 TB.	2020-11-12	Billing Overview
Updates the route propagation of a CCN-based direct connect gateway	For a CCN-based direct connect gateway created after September 15, 2020: If a static dedicated tunnel is used, the IDC route to Tencent Cloud VPC should be configured in the local router. If a BGP dedicated tunnel is used, the IDC will automatically obtain the VPC CIDR block based on the BGP protocol.	2020-11-06	Direct Connect Gateway Overview

Provides default alarm policies for connection and dedicated tunnel	After a connection is constructed, Tencent Cloud automatically configures a metric alarm for its bandwidth utilization. After a dedicated tunnel is created, its event alarms will be automatically configured.	2020-11-02	Applying for Connection

October 2020

Update	Description	Release Date	Documentation
Adds monitoring metrics	The DC connection now supports two more monitoring metrics: packet loss and packet error. The direct connect gateway now supports two more monitoring metrics: outbound traffic and inbound traffic.	2020-10-22	Viewing Monitoring Data

June 2020

Update	Description	Release Date	Documentation
Updates the compliance requirements of Direct Connect	The Tencent Cloud Direct Connect Service Level Agreement is released. The shared connection feature of new dedicated tunnels has stopped accepting new applications through the console and the API since August 1, 2020. The shared connection in use will not be affected.	2020-06-29	Notice on Changing the Direct Connect Features

March 2020

Update	Description	Release Date	Documentation
Integrates with the Cloud Monitor platform	The Cloud Monitor platform monitors connection and dedicated tunnel steadily and reliably, and provides alarms, helping you stay on top of your instances.	2020-03-10	Configuring Alarm Policies

July 2019

Update	Description	Release Date	Documentation
Supports the monthly billing cycle of ports	After paying for an initial installation fee, you can use the dedicated access port resources with a monthly rental fee.	2020-03-10	Billing Overview

[Oct. 2022] Discontinuing the Free Tier of Outbound Traffic and Introducing a New Pricing Plan

Last updated：2023-05-16 16:19:16

Direct Connect has been commercialized since Dec 2, 2020. A 50-TB free tier of outbound traffic is offered after the commercialization. This free tier will be discontinued by Dec 2, 2022.

For the fine-grained management of your resources, a new region-based pricing plan will be introduced on Jun 1, 2023.

Pricing Details:

Area	Region	Price (USD/GB/Day)
Chinese mainland	Beijing, Shanghai, Guangzhou, Shenzhen, Chongqing, Zhengzhou, Changsha, Xi'an, Wuhan, Tianjin, Taiyuan, Shijiazhuang, Shenyang, Nanjing, Nanchang, Jinan, Hefei, Hangzhou, Haerbin, Fuzhou	0.015
Asia	Taiwan (China), Hong Kong (China), Tokyo, Singapore, Seoul, Bangkok	0.037
	Mumbai	0.041
	Jakarta	0.074
Europe and America	Frankfurt, Virginia, Silicon Valley, Toronto	0.018
	São Paulo	0.037

For any question, please submit a ticket.

Direct Connect Resource Lifecycle Standardization

Last updated：2022-12-12 16:00:15

Dear user,

To provide you with better services, Tencent Cloud Direct Connect will perform resource standardization from 00:00:00 on October 1, 2022 to 00:00:00 on November 1, 2022 to standardize the lifecycle of all Direct Connect resources.

Strengths

Direct Connect resource lifecycle standardization helps you maintain the account health promptly to ensure normal operations of your business.

Upgrade time

Lifecycle standardization of shared dedicated tunnels will start from 00:00:00 on October 1, 2022.

Lifecycle standardization of other Direct Connect resources will start from 00:00:00 on November 1, 2022.

If you have any questions, contact your sales rep or submit a ticket.

FAQs

Will the resource upgrade incur fees?

No. This upgrade only involves standardization of resource lifecycle management.

Dec. 31, 2022 - Migration of Direct Connect Cross-Region Tunnel Service to CCN

Last updated：2022-09-15 17:35:00

Dear user,

Tencent Cloud plans to discontinue the Direct Connect - Cross-Region Dedicated Tunnel Service from December 31, 2022 (UTC +8). To ensure a more stable and high-quality network service for your business, please migrate the Cross-Region Dedicated Tunnel Service to CCN as instructed in Migrating Cross-Region Dedicated Tunnel Service to CCN.

For any questions during the migration, contact your sales rep or submit a ticket.

Process

1. Tencent Cloud provides you with ready-made plans. For details, see Migrating Cross-Region Dedicated Tunnel Service to CCN.

2. In special scenarios, for example, you have configured advanced failure detection mechanisms such as Bidirectional Forwarding Detection (BFD) for the NAT gateway or direct connect tunnel, Tencent Cloud Ops will help assess your business and develop a suitable migration plan, and determine the migration time with the principle of minimizing the impact on your business.

3. Create CCN and direct connect gateway instances based on the migration plan.

4. Cut over and migrate the Cross-Region Dedicated Tunnel Service to CCN.

5. After the migration is complete, test and debug your business to ensure the normal operation.

6. Delete the legacy tunnel upon the completion of business test.

Advantages of CCN

Impact	Description
Performance	Low latency. Interconnection via the shortest path avoids the impact of linkage congestion caused by bypassing the public network.
Price	CCN is more affordable than Direct Connect in terms of cross-region tunnel traffic fees.
Expansion	Feature the public and private network interconnection of CCN resources.

FAQs

What risks do I face if I don't upgrade?

The Cross-Region Dedicated Tunnel Service will be discontinued from December 31, 2022 (UTC +8). If you continue to use it, you will face operational risks, and it may cause business failures.

Will the cost increase if I change a cross-region tunnel to the cross-region CCN connection?

Both services adopt monthly 95th percentile billing and tiered pricing. You can choose either service that suits your actual use case. The CCN service is more cost-effective. For its price details, see Pricing.

Specification	Monthly fee for a cross-region tunnel (USD/Mbps)	Monthly fee for a cross-region CCN instance (service level: gold)	Monthly fee for a cross-region CCN instance (service level: silver)
[0, 10)	85	37	28
[10, 20)	63	37	28
[20, 50)	45	37	28
[50, 100)	34	37	28
[100, 200)	25	13	10
[200, 500)	18	13	10
[500, 1000)	14	13	10
[1000, 2000)	11	9	7
[2000, 1000000)	10	9	7

Redundant Direct Connect Gateway Clearance

Last updated：2022-12-12 16:00:15

Dear user,

To facilitate reasonable use of Direct Connect gateway resources and reduce quota consumption of Direct Connect, Direct Connect will start to automatically clear gateway resources meeting one of the following conditions from 15:00 on October 30, 2022:

Resources created more than 180 days ago.

Resources not bound to a dedicated tunnel for over 90 consecutive days.

Resources generating no business traffic for over 90 consecutive days.

This operation will not affect your business. To continue using such gateways, log in to the Direct Connect Gateway console to bind tunnels as needed before 15:00 on October 30, 2022.

In addition, a clearance notification will be triggered if a Direct Connect gateway meets one of the above conditions, and the gateway will be cleared automatically after 30 days.

Possible Impact

This has no impact on the business and billing.

FAQs

Can cleared gateways be recovered?

A Direct Connect gateway cannot be recovered once cleared, and if needed, a new one needs to be created.

How is the clearance time calculated if a tunnel is bound and then unbound?

A gateway will be cleared 90 days after the last unbinding time.

Jun. 1, 2022 - Starts Commercialization of Shared Tunnel Service

Last updated：2022-09-15 17:35:00

Dear user,

Staring from 00:00 June 1, 2022 (UTC +8), Tencent Cloud Direct Connect - Shared Tunnel Service is officially commercialized. The billing mode is changed as follows:

1. The shared tunnel occupation fee is charged.

2. The billing mode is pay-as-you-go on a monthly basis. The fees incurred in the current month are deducted during 8:00 to 10:00 am on the first day of the next month. The billing modes for physical port occupation and outbound traffic stay the same.

3. The fees are charged to the users of shared tunnels.

List prices of shared tunnel occupation:

Tunnel specification	Occupation fee within Chinese mainland (USD/month)	Occupation fee outside Chinese mainland (USD/month)
50 Mbps	23	23
100 Mbps	31	46
200 Mbps	38	57
300 Mbps	46	92
400 Mbps	54	120
500 Mbps	62	146
1 Gbps	92	231
2 Gbps	169	523
5 Gbps	400	1,169
8 Gbps	631	1,508
10 Gbps	769	1,692
40 Gbps	2,769	5,846
100 Gbps	5,385	12,308

4. Feature changes:

Quick migration of business to Tencent Cloud: You can migrate your business to Tencent Cloud immediately.

Resource management: You can create and manage resources in one place.

Product specification: Multiple standardized shared tunnel specifications are provided. You can create shared tunnels as needed and billed based on the pay-as-you-go billing mode.

Note:

1. Definition of shared direct connect: The connections with sharing capabilities provided by **ISPs** to users.

2. You can select a shared tunnel specification matched with the actual bandwidth when you create the shared tunnel.

For example, your shared tunnel bandwidth is 10 Mbps. It matches with the specification of 50 Mbps from 00:00 June 1, 2022 (UTC +8).

Please adjust the billing mode before 00:00 June 1, 2022 (UTC +8), and contact the ISP to adjust the bandwidth.

If you decide not to use the Shared Tunnel service, delete relevant data before 00:00 June 1, 2022 (UTC +8) to avoid unnecessary costs.

[Dec 1, 2020] Free Trial Period Extension and Billing Rule Change for Direct Connect Outbound Traffic

Last updated：2022-11-15 17:16:16

This notification is to inform you about the changes of Direct Connect free quota and billing rules.

1. The free trial period of outbound traffic is extended to December 1, 2022.
2. The billable outbound traffic changes from the traffic going out over the port shared by partners to the traffic going out from the Direct Connect gateway. For more information, see Billing and Pricing.

Aug. 1, 2020 - Service Change Notice

Last updated：2022-06-06 10:21:59

Dear Tencent Cloud user,

In order to further improve your user experience, we updates the Tencent Cloud Direct Connect service as follows:

1. Tencent Cloud Direct Connect no longer supports the shared connection feature since August 1, 2020 00:00:00, and you cannot apply for a shared connection via console or APIs then. However, your use of this feature on existing tunnels will be unaffected. If you want to create a connection and access Tencent Cloud, you can apply for connection. For more information on the connection methods, contact your Tencent Cloud rep.
   Thank you for your support.
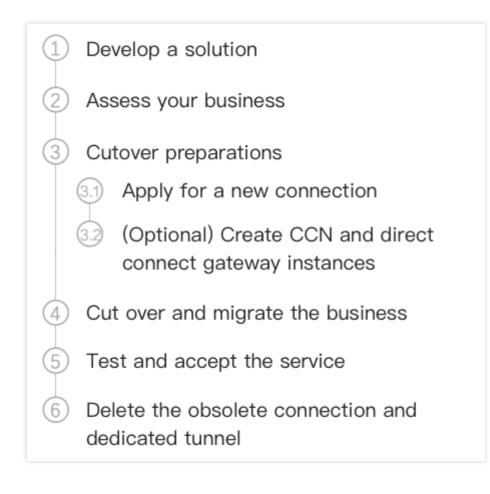
Sincerely,

Tencent Cloud Team

Dec. 31, 2021 - Direct Connect 2.0 Released

Last updated：2022-03-23 16:40:28

Dear Tencent Cloud user,

Note that some network devices will reach End of Service (EOS) on December 31, 2021, and your Direct Connect instances may be affected accordingly. To provide you with a more stable and quality Direct Connect service, Tencent Cloud schedules an upgrade of the affected service during August 1 and December 31, 2021 (Beijing time), and helps migrate your business to new network devices in batches.

Upgrade Process

1. Tencent Cloud technical personnel will discuss the business scenario with you and develop a migration plan for you.
2. Tencent Cloud technical personnel will work with you to assess your business and determine the migration time with the least impact on your business.
3. Apply for a connection on the Tencent Cloud Direct Connect console. Your application will be reviewed in about 1-3 business days.

4. Tencent Cloud technical personnel will help you migrate lines as instructed by the migration plan during the agreed-upon period.

If the direct migration is impossible due to a long distance between the obsolete device and the new one, you need to contact the connection provider to adjust or redeploy the connection.

5. After the migration is completed, test and debug your business to ensure the normal operation.

6. After the business runs normally, abolish the old connection and delete the old dedicated tunnel.

FAQs

Will the connection newly applied for on the console incur fees?

Users who complete the business migration before December 31, 2021, will be exempted from the port fee arising from the migration.

Note:

During the migration period, the old port will not be charged with a monthly fee, while the new port will still be billed the same as the original port. For more information, contact the Tencent Cloud technical support team. The old port will be abolished after the migration.

What are the risks if I don't migrate my business?

Since these network devices reach their EOS dates, continued use of them will have greater operational risk, and even cause business failure and slow recovery.

Note:

Tencent Cloud no longer provides SLA assurance for relevant Direct Connect instances if the connection migration is not completed after December 31, 2021.

Will the cost increase if I change a cross-region tunnel to the cross-region CCN connection?

Both services adopt monthly 95th percentile billing and tiered pricing. You can choose either service that suits your actual use case. The CCN service is more cost-effective. For its price details, see Pricing.

Specification	Monthly fee for a cross-region tunnel (USD/Mbps)	Monthly fee for a cross-region CCN instance (service level: gold)
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[20, 50)	45	37
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[100, 200)	25	13

[200, 500)	18	13
[500, 1000)	14	13
[1000, 2000)	11	9
[2000, 1000000)	10	9