Peering Connection

Updates and Announcements

Product Documentation

Contents

Updates and Announcements
[Oct. 31, 2023] - Discontinuing Cross-region Connections of Peering Connection

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Tencent Cloud plans to discontinue the cross-region interconnection service of Peer Connection from October 31, 2023 at 00:00:00 (UTC+8). Please migrate your cross-region VPC connections to Cloud Connect Network before April 7, 2023 (See Migrating the Cross-Region Interconnection Service to CCN). After that, existing cross-region peering connections will be deleted gradually. If you want to retain the cross-region peering connections under your account, please submit a ticket. See below for the plan of deletion:

1. From March 15, 2023 00:00 to October 31, 2023 00:00, cross-region peering connections meeting any of the conditions below are deleted.

In the route table of the VPC associated with the peering connection, there is no custom route pointing to the peering connection for 30 consecutive days.

No traffic goes through the connection for over 90 consecutive days.

2. After October 31, 2023 00:00, all cross-region peering connections are ceased and will be deleted by Tencent Cloud.

For any questions, please contact your sales rep or submit a ticket.

Migrating to CCN

Tencent Cloud provides different migration plans for different scenarios in Migrating Cross-Region Interconnection Service to CCN.

Choose a plan suitable for your business

Create a CCN instance

Migrate your service to CCN

Test the connection

Delete the original peering connection

Advantages of CCN

Item	Description
Performance	Low latency. Interconnection via the shortest path avoids the impact of linkage congestion

	caused by bypassing the public network.
Price	The price of CCN cross-region connection is lower than Peering Connection.
Expansion	Feature the public and private network interconnection of CCN resources.

Most Asked

What if I don't migrate to CCN?

The cross-region interconnection service of Peer Connection will be discontinued from October 31, 2023 at 00:00:00 (UTC+8). If your connections are not migrated to CCN, your services using these connections will be unavailable.

What should I do if I don't want to use the cross-region peering connections?

You can delete the peering connection in the console as instructed in Deleting a Peering Connection.

What exactly does a cross-region peering connection refer to?

The peering connections connect two VPCs through the private network and are divided into intra-region and cross-region connections based on the VPC regions. Tencent Cloud is going to discontinue the cross-region peering connection.

Will the intra-region peering connection be discontinued?

No. Only the cross-region peering connection will be discontinued.

What will happen to the peering connections not in used?

Starting from March 15, 2023 00:00 (UTC+8), cross-region peering connections without traffic in the last 90 days are be frozen and suspended for 31 days, After that, the connection are terminated. The connections cannot be recovered and all routes pointed to the connections are deleted at the same time.

Does the migration affect the running of my business?

No. The migration plans in Migrating the Cross-Region Interconnection Service to CCN. The migration may be jittery, but will not cause service suspension.
VPCs are interconnected when the two-way routes between VPCs are directed to the peering connection and CCN instances separately.
One or two packets may be lost when routing is enabled.

Do I need to pay more after migrating to CCN?

No. Actually CCN is more cost-effective under the same service availability (99.95%). CCN provides three service levels. For more details, see CCN Pricing.

The bandwidth price comparison between Peering Connection and CCN in the Chinese mainland regions is as follows. For the price of CCN connections between non-Chinese mainland regions, please contact your sales rep.

Tier (Mbps)	Peering Connection - Daily Peak (USD/Mbps/Day; 99.95% SLA)	Peering Connection - Monthly 95th Percentile (USD/Mbps/month; 99.95% SLA)	CCN - Monthly 95th Percentile (USD/Mbps/month; 99.95% SLA)	CCN - Monthly 95th Percentile (USD/Mbps/month; 99.5% SLA)
(0,10]	3.19	85	37	28
(10,20]	3.19	63	37	28
(20,50]	1.98	43	37	28
(50,100]	1.98	34	37	28
(100,200]	1.48	25	13	10
(200,500]	1.48	18	13	10
(500,1000]	1.19	14	13	10
(1000,2000]	1.19	11	9	7
Above 2000	0.82	10	9	7

Upgrading Migration of the Cross-Region Interconnection Service from Peering Connection to CCN

Last updated：2022-06-02 18:13:09

Dear Tencent Cloud user,

Tencent Cloud is going to discontinue the Peering Connection - Cross-Region Interconnection Service at 00:00 on October 31, 2022. You cannot create the cross-region peering connection instances after 00:00 on June 30, 2022. To ensure a more stable and high-quality network service for your cross-region interconnection business, please migrate it to CCN as instructed in **Best Practices**Migrating Cross-Region Interconnection Service to CCN in time.

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

Upgrade Process

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

2. You can select an appropriate plan in Step 1 for evaluation based on your actual business scenario.

3. Create a CCN instance according to the upgrade plan.

4. Cut over and migrate the original peering connection business to CCN.

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

6. Delete the original peer connection instance.

Advantages of CCN

Influence	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 peering connection will be discontinued on October 31, 2022, and will not be maintained later. If you continue to use it, you will face operational risks. In extreme scenarios, it may cause business failures and cannot be quickly recovered.

What exactly does a cross-region peering connection refer to?

The peering connections connect two VPCs through the private network and are divided into intra-region and cross-region connections based on the VPC regions. Tencent Cloud is going to discontinue the cross-region peering connection.

Will the intra-region peering connection be discontinued?

No. Only the cross-region peering connection will be discontinued this time.

Can all plans support smooth migration?

 Yes. The migration plans in Migrating the Cross-Region Interconnection Service to CCN all support smooth migration. The migration may be jittery, but will not cause service suspension.
VPCs are interconnected when the two-way routes between VPCs are directed to the peering connection and CCN instances separately.
One or two packets may be lost when routing is enabled.

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

No. Under the same service availability (99.95%), the price of CCN is lower than that of Peering Connection. CCN provides three service levels for your choices based on the business availability. For CCN billing details, see Pricing. The bandwidth price comparison between Peering Connection and CCN in the Chinese mainland (excluding Hong Kong, Macao and Taiwan) regions is as follows. For bandwidth prices in regions outside the Chinese mainland and other regions, please contact your sales rep.

Bandwidth Range (Mbps)	Daily Peak Bandwidth Billing of Peering Connection (USD/Mbps/Day)	Monthly 95th Percentile Billing of Peering Connection (USD/Mbps/Day)	Monthly 95th Percentile Billing of Cross-Region CCN Connection (Service Level: Gold; Availability: 99.95%)	Monthly 95th Percentile Billing of Cross-Region CCN Connection (Service Level: Silver; Availability: 99.5%)
(0,10]	3.19	85	37	28
(10,20]	3.19	63	37	28
(20,50]	1.98	43	37	28
(50,100]	1.98	34	37	28
(100,200]	1.48	25	13	10

(200,500]	1.48	18	13	10
(500,1000]	1.19	14	13	10
(1000,2000]	1.19	11	9	7
2,000	0.82	10	9	7