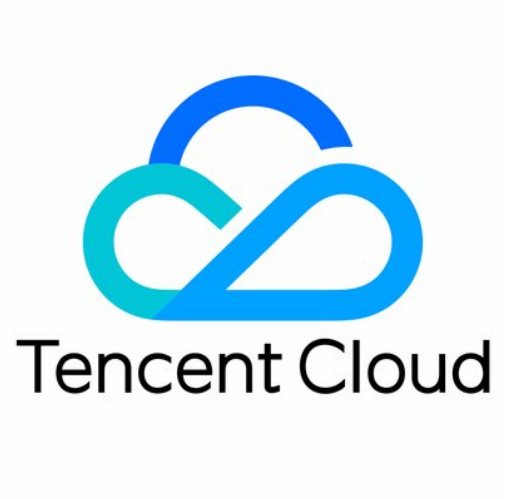
Peering Connection

Operation Guide

Product Documentation



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Operation Overview

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This document describes common operations of using peering connections and related products, such as creating and deleteing peering connections, viewing relevant routing policies, and enabling, setting and viewing bandwidth details.

Common operations

Configuring the Route to Peering Connection

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1. Log in to Tencent Cloud Console and choose **Products** > **Networking** > **Virtual Private Cloud** to access the Virtual Private Cloud (VPC) console.
2. In the left sidebar, click **Subnet** to go to the management page.
3. Click the ID of the route table (route table A) associated with the local subnet (subnet A) of the peering connection to access the route table details page.
4. Click **+ New routing policies**.
5. Enter the peer CIDR block (`10.0.1.0/24`) for the destination, select **Peering Connections** for the next hop type, and select the created peering connection (PeerConn) for the next hop.
6. Click **OK**. After the route table is configured, communication is enabled between the IP ranges of the two VPCs.

The peer route table is configured in the same way as that at the local end.

Note：

You must configure routes at both ends before you can communicate via the peering connection.

To enable communication between multiple IP ranges of the two VPCs at both ends, you simply need to **add the corresponding route table entries**, but not create multiple peering connections.

Creating and Deleting Peering Connection

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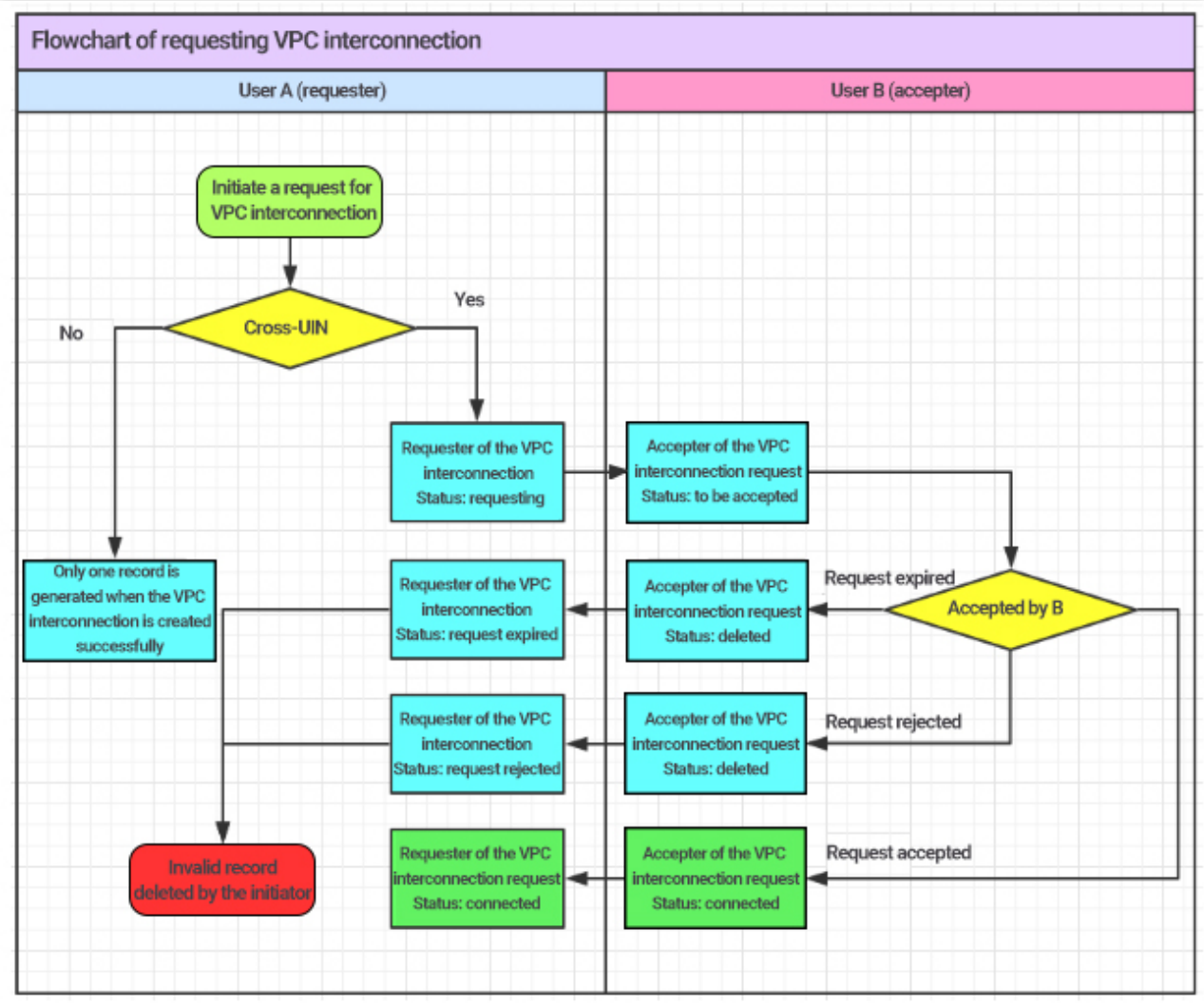
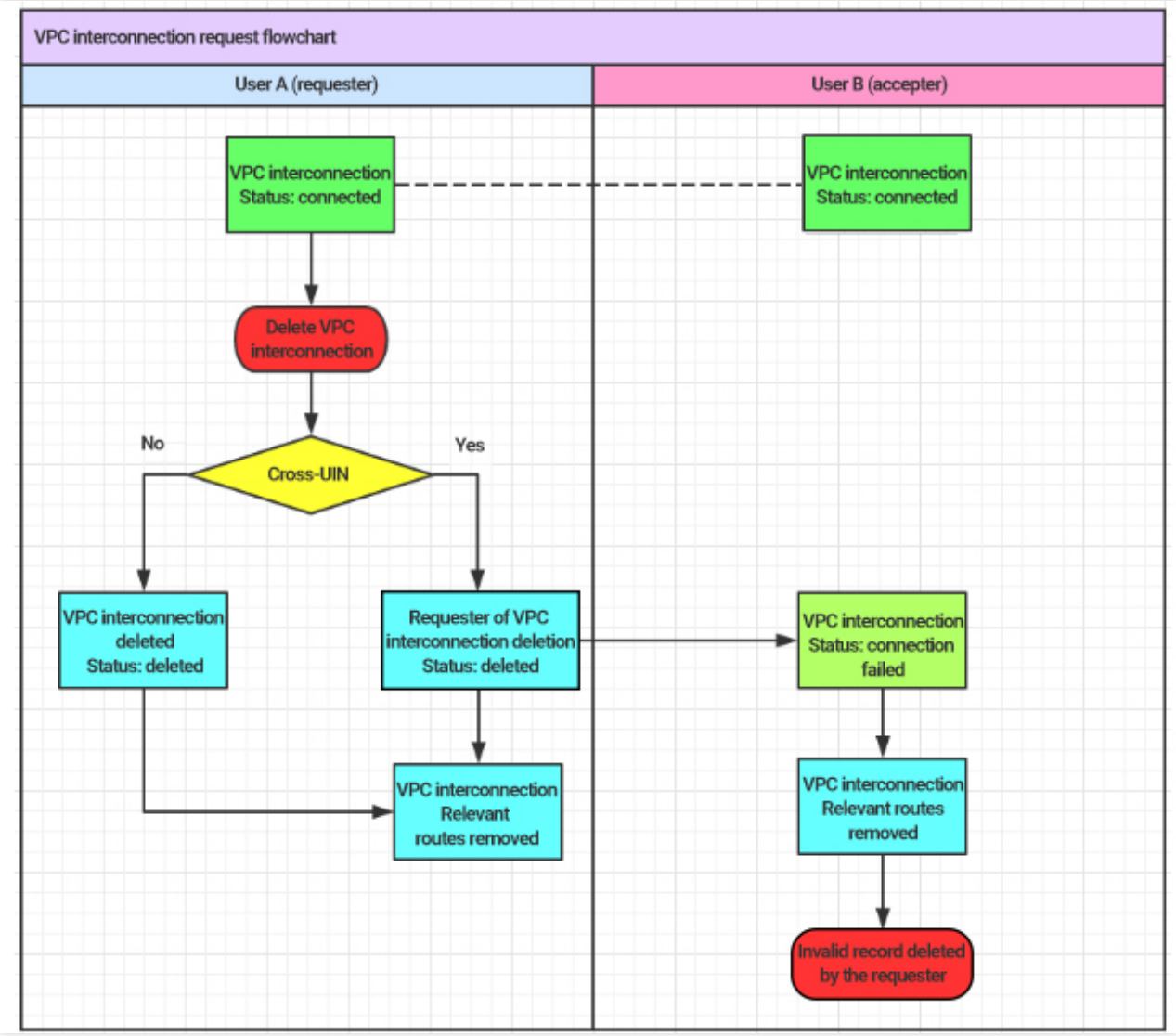
Workflow for creating a peering connection

The following figure shows the workflow for creating a peering connection. For detailed steps, see Creating an intra-account peering connection for communication or Creating a cross-account peering connection for communication.



Workflow for deleting a peering connection

The following figure shows the workflow for deleting a peering connection. For detailed steps, see Deleting a Peering Connection.



Viewing Relevant Routing Policies

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1. Log in to Peering Connections Console.
2. Select a region and a VPC above the list.
3. Click the ID of the target peering connection to go to its details page.
4. Check the following items in the related routing policy: the next hop corresponding to the destination IP range, the associated subnet, and the related route table of the peering connection.

Note:

If you have created a peering connection but cannot communicate over it, check whether the route tables at **both ends** are correctly configured by following the above steps.

Viewing Monitoring Data of Network Traffic Over a Cross-region Peering Connection

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1. Log in to Tencent Cloud Console and choose **Products** > **Networking** > **Virtual Private Cloud** to access the Virtual Private Cloud (VPC) console.
2. In the left sidebar, click **Peering Connections** to go to the management page.
3. Select a region and a VPC above the list.
4. Click the monitoring icon for the target peering connection to view the inbound and outbound bandwidth, number of inbound and outbound packets, and packet loss rate.

Notes:

No upper limit is set on network traffic for intra-region peering connections.

Network traffic can be monitored for both intra-region and cross-region peering connections.

Configuring the Bandwidth Cap for a Cross-region Peering Connection

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1. Log in to Tencent Cloud Console and choose **Products** > **Networking** > **Virtual Private Cloud** to access the Virtual Private Cloud (VPC) console.
2. In the left sidebar, click **Peering Connections** to go to the management page.
3. Click the ID of the target peering connection to go to its details page.
4. In the basic information section, click **Change Bandwidth**, and select the corresponding bandwidth.
5. Click **Save**.

Rejecting a Peering Connection

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A peering connection request in the "To Be Accepted" state can be rejected. You can reject a connection request from an untrusted account.

1. Log in to Tencent Cloud Console and choose **Products** > **Networking** > **Virtual Private Cloud** to access the Virtual Private Cloud (VPC) console.
2. In the left sidebar, click **Peering Connections** to go to the management page.
3. Check a request in the "To Be Accepted" state in the list, click **Reject** in the **Operation** column, and confirm the operation.

Note：

The peering connection will disappear after it is rejected.

Deleting a Peering Connection

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A peering connection can be deleted at either end at any time, and becomes ineffective immediately upon its deletion. When the peering connection is deleted, the route containing this peering connection in the route table are also deleted.

1. Log in to Tencent Cloud Console and choose **Products** > **Networking** > **Virtual Private Cloud** to access the Virtual Private Cloud (VPC) console.
2. In the left sidebar, click **Peering Connections** to go to the management page.
3. Find the target peering connection in the list, and click **Delete** in its **Operation** column.
4. Click **OK**.

Viewing the Peer Account ID

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When you create a cross-account peering connection or a shared direct connect, you need to enter the account ID of the peer developer, which you can check as follows:

1. Log in to Tencent Cloud Console, and click the account name in the upper-right corner.
2. Click **Account Information** to view the account ID on the details page.

Enabling Cross-region Connectivity for Basic Networks

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Currently, cross-region Classiclink supports only communication between CVMs, but does not support communication between a CVM and other Tencent Cloud resource (such as a database).
A VPC is strongly recommended for cross-region conmmunication. If you still need to use cross-region Classiclink, please submit a ticket.