

Flow Logs

Operation Guide

Product Documentation



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Operation Guide

Operation Overview

Last updated : 2019-09-26 19:15:57

You may need to create or delete a flow log, create a logset and log topic, or view flow log records when using Flow Logs service. This document describes how to work with Flow Logs and relevant products.

Common operations

- [Create a flow log](#)
- [Create a logset and a log topic](#)
- [Delete a flow log](#)
- [View flow log records](#)

Create flow logs

Last updated : 2020-07-23 15:21:26

The FL service is currently in beta test. If you want to try it out, please [submit an application](#) for beta eligibility.

1. Log in to the [VPC Console](#) and click **Diagnostic Tools > Flow Logs** on the left sidebar.
2. Click **+ New** and the window "Create Flow Log Rule" will pop up.

For more information on how to create logsets and log topics, please see [Creating Logsets and Log Topics](#).

3. Enter the parameters below and click **OK** to complete the creation.
 - **Collection Type** specifies the type of traffic to be collected by flow logs: all traffic, the traffic rejected or accepted by security groups or ACL.
 - **Logset** specifies the storage location in CLS for flow logs.
 - **Log Topic** specifies the minimum dimension of log storage, which is used to distinguish different types of logs, such as Accept log.

Create flow log rule



Collecting flow logs is free of charge. However you may need to pay for the storage of these logs. Click [Learn More](#)

Name

Collection Range

Collect flow logs passing through the specified ENI

Virtual Private Cloud

Search for VPC name or ID



Subnet

Search for subnet name or ID



ENI


Enter search keywords



Collection Type 

Accept



Log set 

Enter search keywords



In case of no suitable logset, you can [Create](#) 

Log topic 

Enter search keywords



OK

Cancel

 **Note :**

- You can view the record of a newly created flow log in CLS after 15 minutes upon the creation (10 minutes for the capture window and 5 minutes for data publishing).
- Flow Logs service is free of charge, but the data are stored in CLS and charged by CLS.

Create Log Sets and Log Topics

Last updated : 2020-04-27 20:13:03

You need to create logsets and log topics to store and view the flow logs.

1. Log in to the [CLS Console](#) and click **Logset** on the left sidebar to enter the "Logset Management" page.
2. Select a desired region on the top bar and click **Create Logset**.

Create Logset ✕

Logset Name [What is logset?](#)

The value must be 1 to 255 characters in length and can contain lowercase letters, uppercase letters, numbers, underscores (_), and hyphens (-).

Region **Guangzhou**

Retention days

The log topic under this logset only retains the log records for a period of 3-90 days.

3. After creating a logset, click the logset ID to enter its details page. Now you can click **Add Log Topic** to create a log topic, and then click the log topic ID to enter its details page.
4. Select the **Index Configuration** tab and click **Edit** in the top-right corner.

← test

Basic Info Collection Configuration **Index Configuration** Shipping Configuration Ckafka Consumption

1. The modified index configuration is only effective for newly written data, and have no impact on the index of the existed data.
2. Delimiter cannot be letters, numbers or Chinese characters. For whitespace characters, such as "\t" "\n" "\r", escaping is required. For other characters, escaping is not required.

Index Configuration [Edit](#)

Index Status Disabled

5. Enable the index and click **Save**. Now you can view and search for flow logs.

← test

Basic Info Collection Configuration **Index Configuration** Shipping Configuration Ckafka Consumption

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Index Configuration

Index Status

Full-Text Index Case-sensitive

Full-text delimiter

Key-Value Index

[Save](#) [Cancel](#)

- You do not need to install agents or be concerned about the server group status.
- If you do not need to publish flow logs to services such as [COS](#), you do not need to be concerned about log publishing tasks.

Delete Flow Logs

Last updated : 2020-04-27 20:13:03

Tencent Cloud Flow Logs (FL) provides you with a full-time, full-flow, and non-intrusive ENI traffic collection service, enabling you to store and analyze network traffic in real time for assistance with troubleshooting, compliance auditing, architecture optimization, and security detection. With FL, your cloud networks will become more stable, secure, and intelligent. The service will be unavailable if you delete flow logs.

You can delete flow logs by the following steps:

1. Log in to the [VPC Console](#) and click **Diagnostic Tools > Flow Logs** on the left sidebar.
2. Select flow logs and click **Delete**.

When a flow log is deleted, its logset and log topic are not deleted synchronously.

Viewing Flow Log Records

Last updated : 2020-05-14 16:09:58

You can view flow logs in CLS to quickly locate issues. You can select multiple topics in the same logset to perform cross-topic query. For detailed directions, please see [Log Search](#).

For flow log field descriptions, please see [Flow Log Record](#).