

TencentDB for MariaDB

Announcements

Product Documentation



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Background

TencentDB for MariaDB upgraded the monitoring items for server and component services on April 1, 2021 by replacing the legacy alarm policy type and modifying hundreds of monitoring and alarm metrics. You can configure alarm policies of the [MariaDB](#) type in the Cloud Monitor console.

The legacy MariaDB policy type was deactivated on July 29, 2021. You cannot configure new alarm policies in this type any more, and your previously configured MariaDB alarm policies will be gradually transferred to the new policy type.

Comparison of the legacy and new alarm policy types

Policy Type	Metric Coverage	Support and Maintenance
MariaDB	22 metrics	This policy type was deactivated on July 29, 2021 and cannot be configured subsequently. All legacy alarm policies will be transferred to the new policy type.
Cloud Database - MariaDB	37 metrics	This policy type was released on April 1, 2021 with ongoing maintenance available.

Note :

- The new MariaDB policy type will cover all metrics of the legacy MariaDB policy type. For more information, please see [Comparison Table of New and Legacy Metrics](#).
- For the new alarm policies, please see [New Metric Description](#).

Alarm Policy Transfer

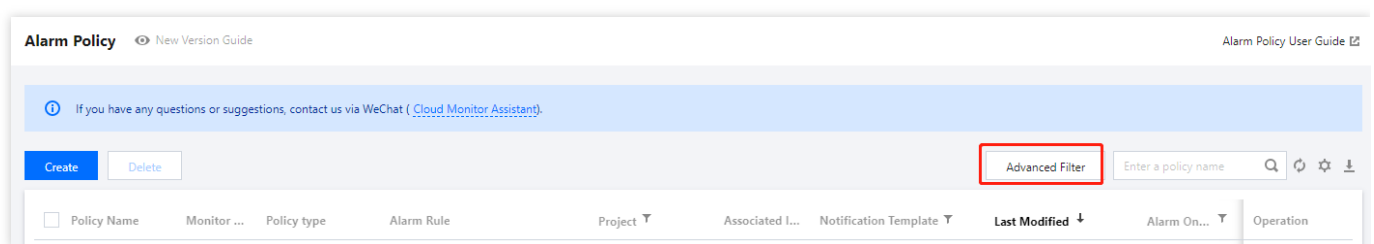
After the legacy MariaDB policy type is deactivated, the system will automatically transfer previously configured alarm policies to the new MariaDB policy type on the backend.

Note :

Alarms may not be automatically transferred to the new alarm policy type by the system for certain instances or users. If this is the case for you, we will notify you through Message Center, email, or SMS. Then, please follow the manual transfer steps below to manually transfer the alarms.

Manual transfer steps

- Sort out exiting alarm metrics and policies.
 - Log in to the [Cloud Monitor console](#), select **Alarm Configuration** > **Alarm Policy** on the left sidebar, and click **Advanced Filter**.
 - On the pop-up page, select the alarm policy type corresponding to **MariaDB** in **Policy Type**, query alarm policies in this category, and download the previously configured alarm policies of the legacy **MariaDB** policy type.



- Configure new alarm policies.
 - On the [Alarm Policy](#) page, click **Create**.
 - On the **Create Alarm Policy** page, select **MariaDB** for **Policy Type** and configure alarms according to the policies downloaded in step 1. For the configuration method, please see [Creating Alarm Policy](#).
- Verify whether the MariaDB alarm policies are enabled and can successfully trigger alarms. Set a minimum trigger threshold in **Metric alarm** on the **Create Alarm Policy** page, choose to set a **recipient** or **recipient group**, and select the notification channel (email or SMS) to test a policy. For example, you can configure an alarm policy for the CPU utilization metric that triggers an alarm once per minute when the threshold is greater than or equal to 1% for one statistical period of one minute.
- After the new policy type is verified, delete the alarm policies previously configured under the legacy MariaDB policy type.

On the [Alarm Policy](#) page, filter alarm policies by the "MariaDB" policy type and delete the filtered policies according to the policy list downloaded in step 1.

If you encounter any issues during the transfer, please [submit a ticket](#) for assistance.

Comparison Table of New and Legacy Metrics

Legacy Policy Type	Metric/Event Alarm	Legacy Metric/Event Alarm Name	New Policy Type	New Metric/Event Alarm Name
MariaDB	Metric alarm	CPU utilization	Cloud Database - MariaDB - Instance	CPU utilization
	Metric alarm	Primary-Replica switch	Cloud Database - MariaDB - Instance	Primary-Replica switches
	Metric alarm	Available disk space	Cloud Database - MariaDB - Instance	Available data disk space
	Metric alarm	Log disk space	Cloud Database - MariaDB - Instance	Minimum remaining binlog disk space
	Metric alarm	SELECT queries	Cloud Database - MariaDB - Instance	Total SELECT requests
	Metric alarm	Slow queries	Cloud Database - MariaDB - Instance	Slow queries
	Metric alarm	UPDATE queries	Cloud Database - MariaDB - Instance	UPDATE requests
	Metric alarm	INSERT queries	Cloud Database - MariaDB - Instance	INSERT requests

Legacy Policy Type	Metric/Event Alarm	Legacy Metric/Event Alarm Name	New Policy Type	New Metric/Event Alarm Name
	Metric alarm	DELETE queries	Cloud Database - MariaDB - Instance	DELETE requests
	Metric alarm	Available memory size	Cloud Database - MariaDB - Instance	Available cache space
	Metric alarm	Disk IOPS	Cloud Database - MariaDB - Instance	IO utilization
	Metric alarm	Active connections	Cloud Database - MariaDB - Instance	Total active threads
	Metric alarm	Connection utilization	Cloud Database - MariaDB - Instance	Maximum database connection utilization
	Metric alarm	Disk utilization	Cloud Database - MariaDB - Instance	Data disk utilization
	Metric alarm	REPLACE_SELECT queries	Cloud Database - MariaDB - Instance	REPLACE_SELECT requests
	Metric alarm	Logical reads from InnoDB disk	Cloud Database - MariaDB - Instance	Total logical reads from InnoDB disk

Legacy Policy Type	Metric/Event Alarm	Legacy Metric/Event Alarm Name	New Policy Type	New Metric/Event Alarm Name
	Metric alarm	Logical reads from InnoDB buffer pool	Cloud Database - MariaDB - Instance	Total logical reads from InnoDB buffer pool
	Metric alarm	Pages read into InnoDB buffer pool by read-ahead thread	Cloud Database - MariaDB - Instance	Total pages read into InnoDB buffer pool by read-ahead thread
	Metric alarm	Rows deleted from InnoDB tables	Cloud Database - MariaDB - Instance	Rows deleted from InnoDB Tables
	Metric alarm	Rows inserted into InnoDB tables	Cloud Database - MariaDB - Instance	Rows inserted into InnoDB tables
	Metric alarm	Rows updated to InnoDB tables	Cloud Database - MariaDB - Instance	Rows updated to InnoDB tables
	Metric alarm	Used log disk space	Cloud Database - MariaDB - Instance	Used binlog disk space

New Metric Description

Policy Type	Metric/Event Alarm	Metric/Event Alarm Name
Cloud Database - MariaDB	Metric alarm	Total rows read from InnoDB tables
	Metric alarm	Minimum replica node delay
	Metric alarm	Buffer cache hit ratio

Policy Type	Metric/Event Alarm	Metric/Event Alarm Name
	Metric alarm	REPLACE count
	Metric alarm	Requests consuming less than 5 ms
	Metric alarm	Requests consuming 5-20 ms
	Metric alarm	Requests consuming 21-30 ms
	Metric alarm	Requests consuming more than 30 ms
	Metric alarm	SQL throughput
	Metric alarm	SQL error throughput
	Metric alarm	SQL success throughput
	Metric alarm	Total client connections
	Metric alarm	Total requests of primary and replica nodes
	Metric alarm	Total open connections
	Metric alarm	Total maximum connections