

# Audit Log

This feature parses the audit log maintained by the server and displays the content in clean tabular format. SQL DM for MySQL supports both MySQL Enterprise and MariaDB audit logs.

SQL DM for MySQL accesses the audit log file, the same way it does for other MySQL log files: Slow Query, General Query, and Error log. Please review [Advanced Settings](#) to learn how to enable the audit log on your server, and configure SQL DM for MySQL.

After selecting the server and the time-frame for which you want the audit log to be seen from, click **SHOW AUDIT LOG** to get the content of the log. The limit on the number of rows which can be fetched in one time-frame is 10000 (This limit is calculated from the beginning of the audit log), so in case you have more than 10000 entries in your audit log for the selected time frame, then the remaining entries are not displayed.

The screenshot displays the 'AUDIT LOG' section in the SQL DM for MySQL interface. At the top, there are navigation options: 'Master', 'Last 1 hour', and a 'SHOW' button. Below this, a summary of audit log statistics is shown:

Percentage	Category
32%	FAILED LOGINS
32%	FAILED EVENTS
0.33%	SCHEMA CHANGES
0.13%	DATA CHANGES
0.07%	STORED PROCEDURES
71%	CHANGES BY ROOT
71%	CHANGES BY HOST LO...

Below the summary, there is a filter section: 'Filter: USERNAME Contains Type word to filter and hit'. To the right of the filter, it shows '1 - 10 of 1494' entries.

TIME STAMP	USERNAME	HOST	CONNECTION, QUERY ID	OPERATION	DATABASE	TABLE / QUERY	RETCOD
Mar 5, 18 14:52:49	root	localhost	78,1329	QUERY	final	CREATE TABLE your_table (id int NOT NULL PRIMARY...	0
Mar 5, 18 14:45:08	root	localhost	28,659	QUERY	mysql	select * from mysql.user	0
Mar 5, 18 14:56:31	root	localhost	78,1641	WRITE	final	your_table	0
Mar 5, 18 14:56:28	root	localhost	78,1637	QUERY	final	insert into your_table values (11,12)	0
Mar 5, 18 14:55:29	root	localhost	78,1561	QUERY	final	select * from your_table	0
Mar 5, 18 14:55:02	root	localhost	78,1529	QUERY	final	show global variables like %%log%%\	0
Mar 5, 18 14:52:49	root	localhost	78,1331	QUERY	final	CALL prepare_data()	0

The section on the top gives you quick summary of the audit log in percentage like Failed Logins, Failed Events, Schema changes, Data Changes, and Stored Procedure. All these legends are clickable and shows the corresponding audit log entries.

Furthermore, you can use the filter option to fetch audit log based on Username, Host, Operation, Database, and Table/Query, use the Contains or Does not contain options to have more specific Audit log results.

Export the fetched audit log content in CSV format.