

Working with Traces

Step-by-Step Guide

1. Launch SQL Server Profiler
 - Open SSMS 2022.
 - Go to Tools > SQL Server Profiler.
2. Connect to SQL Server
 - In SQL Server Profiler, click File > New Trace.
 - Enter the server name and authentication details, then click Connect.
3. Configure Trace Properties
 - In the Trace Properties window:
 - Enter a name for your trace in the Trace name box.
 - Choose a template from the Use the template list (e.g., Standard, TSQL, or Blank for custom settings).
 - Select Save to file and browse to choose a location for your trace file. Optionally, select Save to table to store results in a database table.
4. Set Trace Options
 - Optionally, set a maximum file size or number of rows.
 - You can specify a stop time for the trace under Enable trace stop time.
5. Select Events and Columns
 - Go to the Events Selection tab.
 - Check the events you want to monitor (e.g., SQL:BatchCompleted, RPC:Completed, etc.).
 - You can filter events by database, login, or other criteria.
 - Click Show all events and Show all columns for more options.
6. Start the Trace
 - Click Run to start the trace.
 - SQL Server Profiler will begin capturing events according to your settings.

7. Stop the Trace

- When you have collected enough data, click the Stop Selected Trace button (red square icon) to stop the trace.

8. Save and Analyze

- If you saved the trace to a file, you can open it later in SQL Server Profiler or analyze it using T-SQL functions like `fn_trace_gettable`. (optional)
- If you saved to a table, you can query the table directly for analysis. (Recommended)