<https://learn.microsoft.com/en-us/sql/relational-databases/sql-trace/sql-trace?view=sql-server-ver16>

**SQL Trace**

In SQL Trace, events are gathered if they are instances of event classes listed in the trace definition.

These events can be filtered out of the trace or queued for their destination.

The destination can be a file or SQL Server Management Objects (SMO), which can use the trace information in applications that manage SQL Server.

**Important**

SQL Trace and SQL Server Profiler are deprecated. The *Microsoft.SqlServer.Management.Trace* namespace that contains the Microsoft SQL Server Trace and Replay objects are also deprecated.

This feature will be removed in a future version of SQL Server. Avoid using this feature in new development work, and plan to modify applications that currently use this feature.

Use Extended Events instead. For more information on [**Extended Events**](https://learn.microsoft.com/en-us/sql/relational-databases/extended-events/extended-events?view=sql-server-ver16), see [**Quick Start: Extended events in SQL Server**](https://learn.microsoft.com/en-us/sql/relational-databases/extended-events/quick-start-extended-events-in-sql-server?view=sql-server-ver16) and [**SSMS XEvent Profiler**](https://learn.microsoft.com/en-us/sql/relational-databases/extended-events/use-the-ssms-xe-profiler?view=sql-server-ver16).