

SQL Profiler Trace to Capture Deadlock Information

06/21/2024 6:57 am EDT

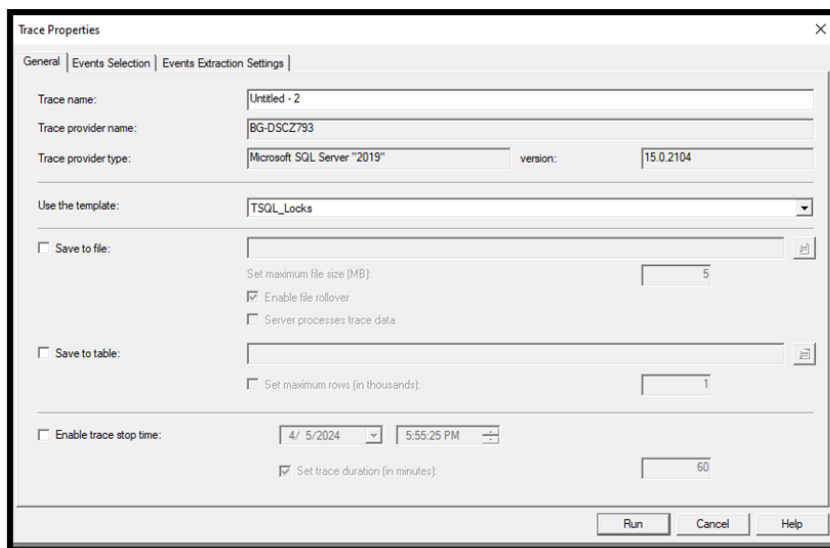
Issue:

Customer is receiving Deadlock errors in their SedonaOffice company. Is there a way to get mor information on why the lock is occurring?

Resolution:

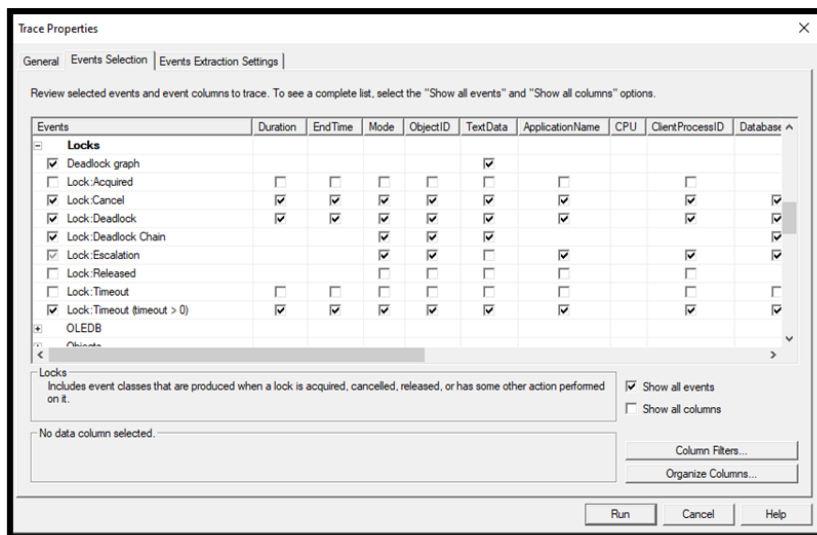
SQL server Profiler can be used to identify the cause of a deadlock. A deadlock occurs when there is a cyclic dependency between two or more threads, or processes, for some set of resources within SQL Server. Using SQL Server Profiler, you can create a trace that records, replays, and displays deadlock events for analysis.

Select the Template TSQL_Locks

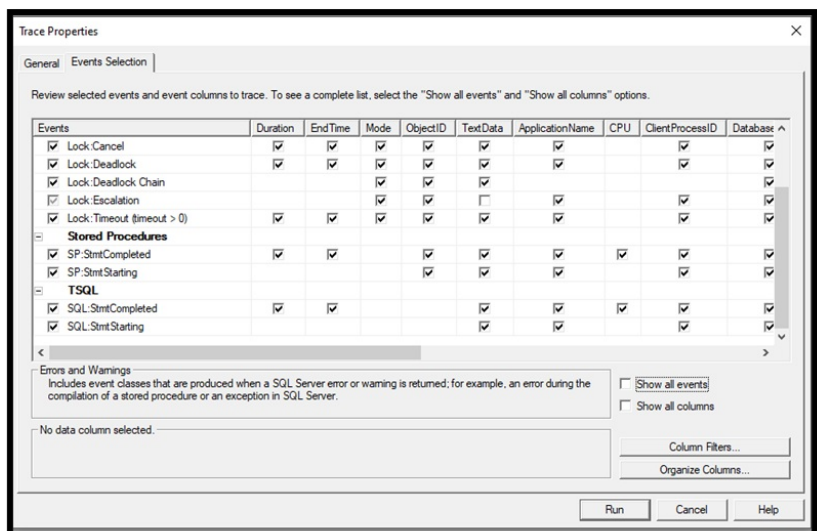


In the Events Selection Tab, you'll see the events it will monitor.

Be sure the only options selected are for the Locks section shown below.



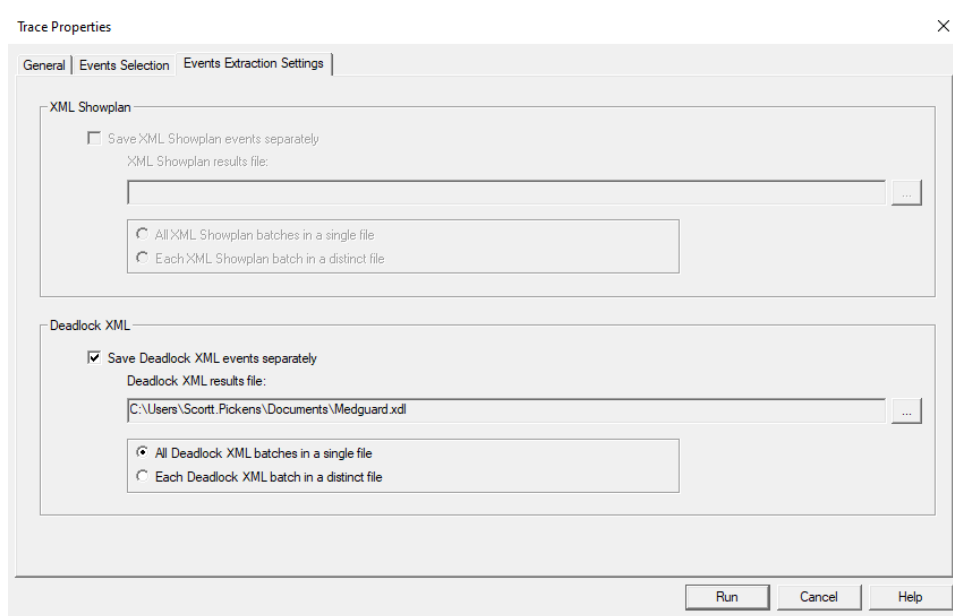
Remove any other options that might be checked on.



You can configure SQL Server Profiler to extract Deadlock graph events to a single file that contains all Deadlock graph events, or to separate files. This extraction can be done in any of the following ways:

When starting and configuring the trace, Use the Events Extraction Settings tab to set the file name and location.

Note: that this tab does not appear until you select the Deadlock graph event on the Events Selection tab.



For more information see Microsoft's Deadlocks guide at the link below.

<https://learn.microsoft.com/en-us/sql/relational-databases/sql-server-deadlocks-guide?view=sql-server-ver16&source=recommendations>