

Get sessions performance details

The Sessions Details view provides an in-depth analysis of sessions running on your monitored SQL Server instance. You can view a wide range of information from performance details to open transactions and configured options or track process activity at the statement level. Individual sessions appear in the top portion of the window.

Right-click any session in the list to View Locks, Show Query History, Trace Session, Kill Session, Print the associated statistics, or Export statistics to Microsoft Excel.

Session ID	Type	Blocked By	Blocking	CPU (ms)	Memory Usage (kb)	Physical I/O	Wait Time (ms)	User	Host	Database	Status	Open Transactions	Cor
71			False	0	24	15	0	NT SERVICE\SQLSERVERAGENT		msdb	Sleeping	0	
70			False	63	24	56	0	NT SERVICE\SQLSERVERAGENT		msdb	Sleeping	0	
69			False	0	24	0	0	NT SERVICE\SQLSERVERAGENT		msdb	Sleeping	0	
64			False	0	24	0	0	WINDEV2305EVALUser		master	Sleeping	0	
63			False	0	24	0	0	NT SERVICE\ReportServer		ReportServer	Sleeping	0	

When you select a session, SQL Diagnostic Manager displays the statistics for that session in the **Details** section at the bottom of the window. This section includes in-depth information regarding the session Connection, Usage, Lock, and Tempdb usage.

Access the Details view

To open the Details view of the SQL Diagnostic Manager Sessions select the appropriate SQL Server instance, and click **Sessions > Details**.

The screenshot shows the IDERA SQL Diagnostic Manager interface. The top navigation bar includes Servers, Reports, Alerts, and Administration. The left sidebar shows a tree view of servers and tags. The main area displays a list of sessions with columns for Session ID, Type, Blocked By, Blocking, CPU (ms), Memory Usage (kb), Physical I/O, Wait Time (ms), User, Host, Database, Status, Open Transactions, and Cor. The session list is filtered to show sessions 71, 70, 69, 64, and 63. The session 70 is selected, and its details are shown in the bottom pane. The details pane is divided into four sections: Connection, Usage, Lock Information, and Tempdb Usage. The Connection section shows the user session 70, status Sleeping, host NT SERVICE\SQLSERVERAGENT, and network address 00155DC01119. The Usage section shows login time 7/26/2023 8:44:48, last activity 7/26/2023 8:44:49, physical I/O 56 (0 delta), CPU (ms) 63 (0 delta), memory (kb) 24, and open transactions 0. The Lock Information section shows wait time (ms) 0, wait type 0, resource 0, blocking 0, blocked by 0, and blocking count 0. The Tempdb Usage section shows version store elapsed seconds 0, space used in kb (Alloc / Dealloc) 0 (0 / 0), session user space 0 (0 / 0), task user space 0 (0 / 0), session internal space 0 (0 / 0), and task internal space 0 (0 / 0). The last command is EXECUTE msdb.dbo.sp_help_alert @order_by = N'event_id DESC, severity ASC, message_id ASC, database_name DESC', @legacy_format = 1.

Select the **Filter** button to select items shown on the view.