

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.

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 the appropriate SQL Server instance, and then click **Sessions > Details**.

The screenshot shows the IDERA SQL Diagnostic Manager interface. The top pane displays a list of sessions for the instance SIDROCTST0. The bottom pane shows detailed information for a selected session (ID 55).

Session ID	Type	Blocked By	Blocking	CPU (ms)	Memory Usage (kb)	Physical I/O	Wait Time (ms)	User	Host	Database	Status	Open Transactions	Command
86			False	155	32	1	0	sa	SIDROCTST02	master	Sleeping	0	M
68			False	16	16	0	0	NT SERVICE\ReportServer\$SQL2014	SIDROCTST02	ReportServer\$SQL2014	Sleeping	0	R
67			False	0	0	0	0	IDERA\FODEV\IDERA	SIDROCTST02	master	Sleeping	0	J
61			False	0	16	0	0	NT SERVICE\ReportServer\$SQL2014	SIDROCTST02	ReportServer\$SQL2014	Sleeping	0	R
59			False	66	0	96	465	NT AUTHORITY\SYSTEM	SIDROCTST02	master	Suspended	0	EXECUTE
57			False	0	0	0	0	IDERA\FODEV\IDERA	SIDROCTST02	master	Sleeping	0	N
55			False	110	24	15	0	sa	SIDROCTST02	master	Sleeping	0	N
54			False	641	32	217	0	IDERA\FODEV\IDERA	SIDROCTST02	master	Sleeping	0	N
52			False	0	0	0	0	sa	LBARRIENTL...	master	Sleeping	0	J
51			False	0	0	0	0	sa	SIDROCTST02	master	Sleeping	0	N

The Details section for session 55 shows the following information:

- Connection:** User Session: 55, Status: Sleeping, Host: SIDROCTST02, Net Library: TCP/IP, Network Address: A4DD0A85D067, User: sa, Execution Context: Application: Microsoft SQL Server Man..., Database: master, Transaction Isolation Level: read committed.
- Usage:** Login Time: 11/14/2018 6:01:14 PM, Last Activity: 11/14/2018 6:01:14 PM, Physical I/O: 15 (0 delta), CPU (ms): 110 (0 delta), Memory (kb): 24, Open Transactions: 0.
- Lock Information:** Wait Time (ms): 0, Wait Type: Resource, Blocking: False, Blocked By: 0, Blocking Count: 0.
- Tempdb Usage:** Version Store Elapsed Seconds: 0, Space Used in kb (Alloc / Dealloc): 0 (40 / 40), Session User Space: 0 (0 / 0), Task User Space: 0 (0 / 0), Session Internal Space: 0 (0 / 0), Task Internal Space: 0 (0 / 0).
- Last Command:** (@_msparam_0 nvarchar(4000)) select * into #tmpag_availability_groups from master.sys.availability_groups

SQL Diagnostic Manager for SQL Server performance monitoring, alerting, and diagnostics for SQL Server.

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