

Performance Dashboard

The performance dashboard is the main overview page in Database Health Monitor. This is the main screen that you see once connected to one or more databases with Database Health Monitor.

Database	Settings	Tools	Send Feedback	Social	Help
Database Health Monitor - Performance Dashboard					
Dashboard Backup Status Check DB Status File Utilization Inventory Failed Jobs					
These reports run against all connected SQL instances					
cps.stedman.us					
Uptime: 1 week		Last Startup: 4/3/2019 7:28:10 PM		SQL Server 2012	
Plan Cache Hit Ratio: 92.5%		Plan Cache Size: 46.2MB		Active Queries: 1 Connections: 28	
Install Date: 12/21/2017 7:31:15 AM		Edition: Developer Edition (64-bit) [11.0.7001.0]		Total Memory: 4.0GB Available: 0.5GB	
SQL Server Update Available					
democps					
Uptime: 1 week		Last Startup: 4/3/2019 7:28:10 PM		SQL Server 2012	
Plan Cache Hit Ratio: 92.5%		Plan Cache Size: 46.2MB		Active Queries: 0 Connections: 30	
Install Date: 12/21/2017 7:31:15 AM		Edition: Developer Edition (64-bit) [11.0.7001.0]		Total Memory: 4.0GB Available: 0.5GB	
SQL Server Update Available					
sql14.stedman.us					
Uptime: 5 days		Last Startup: 4/10/2019 3:46:39 AM		SQL Server 2014	
Plan Cache Hit Ratio: 82.8%		Plan Cache Size: 11.5MB		Active Queries: 0 Connections: 36	
Install Date: 11/14/2014 4:45:18 PM		Edition: Developer Edition (64-bit) [12.0.5000.0]		Total Memory: 4.0GB Available: 3.3GB	
SQL Server Update Available					
sql19					
Uptime: 2 weeks		Last Startup: 3/27/2019 12:38:03 PM		15.0.1100.94	
Plan Cache Hit Ratio: 92.1%		Plan Cache Size: 445MB		Active Queries: 0 Connections: 30	
Install Date: 11/11/2018 1:20:02 PM		Edition: Developer Edition (64-bit) [15.0.1100.94]		Total Memory: 3.9GB Available: 1.3GB	
SQL Server Update Available					
sql2005					
Uptime: 5 days		Last Startup: 4/10/2019 3:08:14 AM		SQL Server 2005	
Plan Cache Hit Ratio: 90.6%		Plan Cache Size: 11.5MB		Active Queries: 0 Connections: 15	
Install Date: 12/5/2014 6:46:37 PM		Edition: Developer Edition (64-bit) [9.00.1399.06]		Total Memory: 2GB Available: 0.5GB	
SQL Server Update Available					
sqldemo.stedman.us/sql2008R2					
Uptime: 7 minutes		Last Startup: 4/15/2019 7:38:35 AM		SQL Server 2008R2	
Plan Cache Hit Ratio: 69.2%		Plan Cache Size: 5.2MB		Active Queries: 0 Connections: 24	
Install Date: 4/3/2019 11:59:47 AM		Edition: Developer Edition (64-bit) [10.50.6220.0]		Total Memory: 4.9GB Available: 2.7GB	
SQL Server Update Available					
sqldemo.stedman.us/SQL2012					
Uptime: 7 minutes		Last Startup: 4/15/2019 7:38:41 AM		SQL Server 2012	
Plan Cache Hit Ratio: 72.4%		Plan Cache Size: 10.4MB		Active Queries: 0 Connections: 27	
Install Date: 4/6/2017 1:34:45 PM		Edition: Developer Edition (64-bit) [11.0.2218.0]		Total Memory: 4.9GB Available: 2.7GB	
SQL Server Update Available					
sqldemo.stedman.us/SQL2016					
Uptime: 7 minutes		Last Startup: 4/15/2019 7:38:48 AM		SQL Server 2016	
Plan Cache Hit Ratio: 72.4%		Plan Cache Size: 32.3MB		Active Queries: 0 Connections: 36	
Install Date: 4/7/2017 8:52:54 AM		Edition: Developer Edition (64-bit) [13.0.1742.0]		Total Memory: 4.9GB Available: 2.7GB	
SQL Server Update Available					
Steve18					
Uptime: 13 hours		Last Startup: 4/14/2019 5:54:41 PM		SQL Server 2017	
Plan Cache Hit Ratio: 81.9%		Plan Cache Size: 10.7MB		Active Queries: 1 Connections: 41	
Install Date: 7/5/2018 3:28:33 PM		Edition: Developer Edition (64-bit) [14.0.2002.14]		Total Memory: 16.3GB Available: 7.8GB	
SQL Server Update Available					
win12.stedman.us					
Uptime: 5 days		Last Startup: 4/9/2019 11:50:59 PM		SQL Server 2012	
Plan Cache Hit Ratio: 85.3%		Plan Cache Size: 17.0MB		Active Queries: 0 Connections: 24	
Install Date: 10/5/2013 3:22:27 PM		Edition: Standard Edition (64-bit) [11.0.6020.0]		Total Memory: 4.0GB Available: 2.6GB	
SQL Server Update Available					
win12.stedman.us/standard2008R2					
Uptime: 5 days		Last Startup: 4/9/2019 11:50:56 PM		SQL Server 2008	
Plan Cache Hit Ratio: 87.0%		Plan Cache Size: 15.0MB		Active Queries: 0 Connections: 25	
Install Date: 10/31/2015 1:13:08 PM		Edition: Standard Edition (64-bit) [10.0.1600.22]		Total Memory: 4.0GB Available: 2.6GB	
SQL Server Update Available					

From here you can access the database level and server instance level reports available in Database Health Monitor.

Questions relating to the Database Health Performance Dashboard

Question: What does connections show, I understand that it means how many sessions or which sessions are connected to a database but there is the kicker. When I click on a session it comes back saying no data available for this session, does that mean its just a process that was never released by the code? Below is a picture of what I have currently and one of the servers has over 1000 sessions but like only 1 active query... please let me know your thoughts and how you would address.

Answer: I see that all the time where the number of connections is high, but the active queries is very low.

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Active Queries: 1	Connections: 3343
Total Memory: 28.6GB	Available: 3.8GB
024.0]	SQL Server Update Available
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Active Queries: 0	Connections: 1617
Total Memory: 28.6GB	Available: 2.4GB
024.0]	SQL Server Update Available
<hr/>	
Active Queries: 1	Connections: 407
Total Memory: 28.6GB	Available: 2.6GB
024.0]	SQL Server Update Available
<hr/>	
	Connections: 1252
Total Memory: 28.6GB	Available: 3.6GB
024.0]	SQL Server Update Available
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Active Queries: 2	Connections: 339
Total Memory: 57.3GB	Available: 4.2GB
024.0]	SQL Server Update Available
<hr/>	
Active Queries: 0	Connections: 1677
Total Memory: 57.3GB	Available: 4.4GB
024.0]	SQL Server Update Available
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This is typically caused by an application that is holding connections open. For instance, I have 10 tabs open in SSMS that will show up as to connections (plus one more for SSMS), but only those tabs that are actively running queries will show up in the active queries. This is common with web servers or other applications that do connection pooling, they will open a bunch of connections to the database to have the ready to use, but only a few of them will be used. If you click on the connections link, It will take you to a pie chart showing which databases have the most connections, from there you can click on the pie chart to drill down to the database and find out what login, and sometimes what application is taking up those connections.