

Spotlight™ on SQL Server Enterprise Edition

Monitor, diagnose and optimize SQL Server operations

Today's businesses rely on their database infrastructure to maintain service levels and provide decision makers with the data they need for success. Upholding a healthy database infrastructure, however, requires the ability to diagnose performance issues quickly and accurately.

With Spotlight™ on SQL Server Enterprise, you can easily monitor, diagnose and optimize your database environments to ensure peak performance around the clock. With intuitive overviews of enterprise health and performance, automated alerts and actions, and an integrated Xpert tuning module, Spotlight on SQL Server Enterprise makes it easier than

ever to obtain the data you need to ensure the health of your databases. Spotlight on SQL Server Enterprise allows you to:

- Understand SQL Server infrastructure health at a glance
- Monitor SQL Server's Analysis Services relational engine, as well as Windows and SQL Azure, from a single console
- Extend robust built-in metrics and alarms with custom collections and alerts
- Analyze performance data automatically
- Resolve issues quickly, including long-running processes, blocking locks, deadlocking and more

"I have Spotlight installed on my laptop and use it over VPN on a regular basis just for monitoring. But I have to do it less now that we've stabilized the environment. Problems are fewer now and my off-hours work has diminished. I probably log on once a week versus nightly for three to four hours, so the environment's greatly improved."

David Jacobus,
I.T. Director,
LA Weight Loss



Quickly identify and diagnose performance problems from an intuitive interface.

Benefits:

- Provides an easy-to-follow overview of enterprise performance
- Identifies servers where performance degradation originates
- Isolates root cause of a performance issue
- Analyzes performance metrics to expedite issue resolution
- Offers custom reporting capabilities
- Generates automated SQL performance tuning and index

System requirements

Monitored servers:

SQL Server 2000 SP3

SQL Server 2005 (32 or 64-bit)

SQL Server 2008 (32 or 64-bit)

SQL Server 2012 (32 or 64-bit)

Spotlight on SQL Server Enterprise also supports MSDE (2000) and SQL Express (2005).

Diagnostic server:

Hardware:

1 GB RAM

Operating systems:

Windows Server 2003
(32 or 64-bit)

Windows Server 2008
(32 or 64-bit)

Windows Server 2012
(32 or 64-bit)

Client:

Hardware:

60 MB of free local disk space

256 MB of RAM

Operating systems:

Windows Server 2003
(32 or 64-bit)

Windows Server 2008
(32 or 64-bit)

Windows Server 2012
(32 or 64-bit)

Additional software:

SQL Server 2000+ Client Tools

Microsoft® Internet Explorer 4.0
or later

Microsoft Data Access
Components (MDAC)

Features and benefits

Coverage for SQL Server, Analysis Services and SQL Azure—Diagnose and optimize the SQL environments that are critical to your business.

Top SQL and real-time query plans—

Pinpoint critical SQL statements running in your environment based on index utilization, resource consumption or query efficiency and immediately review run-time query plans.

Complete high-availability support—

Acquire extensive data on your SQL Server clusters, replication, database mirroring, and log shipping activities and environments.

Diagnostic drilldown—Automate CPU and I/O performance diagnosis and resolution.

Custom performance counters—Track and set alarms for service-level-specific processes to proactively handle uniquely critical issues.

Historical playback—Navigate from any Spotlight management screen to see up to two weeks of performance diagnostics and alarm data to resolve recent issues more effectively.

Custom reporting and trending—Understand the health, activity, and capacity trends of your SQL Server enterprise with integrated management and performance views, client-side reports, and the Spotlight on SQL Server Enterprise Report pack.

Additional capabilities

SQL analysis and Xpert tuning—

Highlight long-running queries and sub-optimal code and immediately tune, benchmark and investigate indexing strategies through integration with SQL Optimizer for SQL Server.

Spotlight statistics repository—Configure long-term data storage for historical trending and capacity planning initiatives.

Integrated links to SQLServerPedia—Get up-to-the-minute, context-specific advice and background on the performance issues you're diagnosing from the experts on SQLServerPedia.com.

Wait-state analysis—Determine where waits are occurring and what is causing events.

Deadlock detection and review—Gain complete visibility of deadlock events and the conditions that caused them.

Windows-only connections views—Add Windows-only connections to Spotlight on SQL.

About Dell

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