

Spotlight[®] ENTERPRISE EDITION

on SQL Server

Performance Monitoring for SQL Server Analysis Services (SSAS)

Deliver Better Business Intelligence Faster and Easier

Organizations depend on business intelligence systems and processes to provide decision-makers with the information they need to make smart choices. DBAs are tasked with ensuring that SQL Server Analysis Services (SSAS) is ready to deliver that information quickly and efficiently. Having an operational performance view of your SQL Server is critical to ensuring that your multidimensional structures, reports and data mining processes are ready and capable of handling the demanding needs of your business. But how do you monitor and optimize SSAS performance to get the best business intelligence?

Spotlight[®] on SQL Server Enterprise gives you the insight you need by providing a single, intuitive interface that shows SSAS performance and processing at a glance. The solution instantly alerts you to performance bottlenecks detected at the server level, and it provides metric-sensitive alarms to point you to the root causes of issues. For example, Spotlight on SQL Server Enterprise identifies bottlenecks related to memory and storage systems, aggregation usage and processing tasks competing for the same resources.

Plus, in addition to support for SSAS, the solution also provides monitoring, alerting, automation and reporting for Windows and SQL Server's Relational Engine—all in one product. This means you have a single installation process, a unified infrastructure, and cohesive workflows between the various components of your SQL Server environment. As a result, your organization benefits from a lower total cost of ownership and a higher return on your investment.

BENEFITS

- Provides SSAS performance at a glance, including network, disk, CPU and memory resource utilization
- Automatically detects and highlights performance issues
- Generates alerts for SSAS commands and runtime deviations



Spotlight on SQL Server Enterprise provides an intuitive, graphical representation of the architecture and performance of SQL Server Analysis Services (SSAS).

Key Features

Spotlight's performance dashboard shows you SSAS performance at a glance, including:

- **Resource utilization:** find out how SSAS is utilizing available network, disk, CPU and memory resources.
- **Competition for resources:** determine whether querying and processing tasks are competing for the same resources and how that competition affects task performance.
- **SSAS internal cache activity:** check hit ratios for all cache lookup types, as well as cache growth or shrinkage.
- **SSAS-related disk activity and system file cache usage:** monitor SSAS-related disk activity, including file cache hit ratios.
- **Automatic detection of performance issues:** know about problems in real time with Spotlight's ability to detect bottlenecks in the formula engine, storage engine or elsewhere.
- **Real-time alerts:** receive alerts for SSAS command and runtime deviations.

About Quest Software, Inc.

Now more than ever, organizations need to work smart and improve efficiency. Quest Software creates and supports smart systems management products—helping our customers solve everyday IT challenges faster and easier. Visit www.quest.com for more information.

SYSTEM REQUIREMENTS

Monitored Servers:

- SQL Server 2000 SP3
- SQL Server 2005 (32 or 64-bit)
- SQL Server 2008 (32 or 64 bit)

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

Diagnostic Server Hardware:

- 1 GHz Pentium IV
- 1 GB RAM

Diagnostic Server Operating Systems:

- Windows XP SP2 (32 or 64-bit)
- Windows Server 2003 (32 or 64-bit)
- Windows Server 2008 (32 or 64-bit)

Client Hardware:

- 500 MHz Pentium III
- 60 MB of free local disk space
- 256 MB of RAM

Client Operating Systems:

- Windows 2000 with Service Pack 4
- Windows XP (32 or 64-bit)
- Windows Vista (32 or 64-bit)
- Windows Server 2003 (32 or 64-bit)
- Windows Server 2008 (32 or 64-bit)

Additional Client Software:

- SQL Server 2000+ Client Tools
- Microsoft® Internet Explorer 4.0 or later
- Microsoft Data Access Components (MDAC)



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