Spotlight on SAP ASE

Visual root-cause diagnostics and resolution for SAP

Quickly identify and eliminate bottlenecks in your SAP environment with Spotlight™ on SAP® ASE. This powerful, yet easy-to-use, solution makes fast work of diagnosing and resolving every component affecting database performance by providing you with a clear view of I/O and user activity. With Spotlight on SAP ASE, you'll resolve performance problems before they can affect end users.

THE VISUAL ROOT-CAUSE DIAGNOSTIC SOLUTION

Spotlight, a Windows®-based diagnostics tool for SAP ASE, features patent-pending technology that displays real-time activity of all database components in a single interface. By displaying the actual processing architecture of SAP, Spotlight helps you pinpoint the source of problems as they occur and rapidly resolve them. Graphical flows illustrate the rate at which data is moving between database components.

AUTOMATIC PROBLEM DETECTION FOR INSTANT RESOLUTION

With Spotlight, you can drill down to details and locate in-depth information about the source of a problem before end users are impacted. And because the run-time nature of each SAP Adaptive Server is unique, Spotlight offers a unique calibration process that automatically sets a baseline of normal activity for each server. This allows Spotlight to automatically set the speed of the internal flows and other activity indicators and send a visual or audible alert when a threshold is met.

BENEFITS:

- Observe actual database and operating system activity in real time through a unique visual representation of process flows within SAP

- Monitor all critical components on one screen

- Calibrate alert levels for each Adaptive Server automatically

- Speed time to resolution with proactive identification and root-cause diagnosis of problems

- Review snapshots of past performance

- Integrate with Spotlight on Unix and Spotlight on Windows to monitor the physical server that runs SAP ASE

- Monitor multiple SAP Adaptive Servers simultaneously

- Explore database activity

Easily view memory, disk storage and SQL processes.

In addition, you can view the most active user sessions, SQL statements, locks, waits and database activity from an overview screen to pinpoint and alleviate problem areas as they occur.

REAL-TIME DISPLAY OF DATABASE ACTIVITY

Spotlight has the unique ability to graphically display SAP components in real time. The main screen displays components like memory, disk storage and SQL processes. Pulses between these components represent the relative data-transfer rate and level of activity.

DETAILED SESSION-TRACKING CAPABILITIES

The top sessions and session details screens allow you to quickly determine the users who are consuming the most resources. Multiple panels show session details about every aspect of user activity, such as SQL statements, SQL I/O, locks, and waits over time.

SYSTEM COMPONENT DETAILS FOR RAPID RESOLUTION

Problem users — One of the most common causes of database performance issues is users consuming an inordinate amount of resources. Long-held locks can block other users from their work. Spotlight alerts you when this occurs and identifies which users are using too much CPU, memory or I/O and which users are being blocked, often before complaints begin.

FEATURES AND BENEFITS

History browser — Provides snapshots of past performance. This pinpoints where and when a problem occurred, helping to prevent it from reoccurring.

Host monitoring — Integrates with Spotlight on Unix and Spotlight on Windows to monitor the physical server that runs SAP ASE. Spotlight on SAP ASE drilldowns can launch Spotlight on Unix or Spotlight on Windows, as needed.

Memory analysis — Monitors and measures procedure cache, data cache, meta-data cache, and user and executable memory to give an overview of how your memory is allocated.

CPU utilization — Monitors CPU utilization and provides detailed graphical information on the amount of time spent on system and user-related tasks by the SAP ASE Engine.

Services not running — Alerts you when critical services are not running. For example, when the SAP Backup Server isn't running, critical jobs such as backups will not be executed.

ABOUT QUEST

Quest helps our customers reduce tedious administration tasks so they can focus on the innovation necessary for their businesses to grow. Quest® solutions are scalable, affordable and simple-to-use, and they deliver unmatched efficiency and productivity. Combined with Quest's invitation to the global community to be a part of its innovation, as well as our firm commitment to ensuring customer satisfaction, Quest will continue to accelerate the delivery of the most comprehensive solutions for Azure cloud management, SaaS, security, workforce mobility and data-driven insight.

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