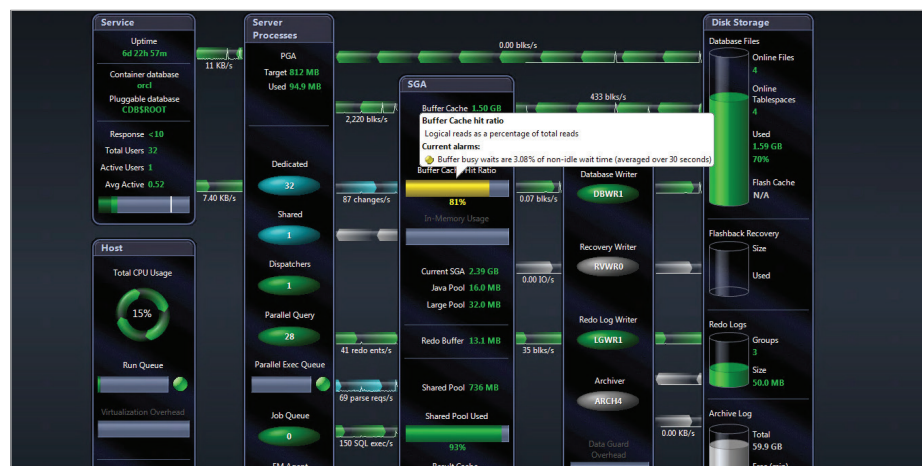# Quest™

Spotlight on Oracle

The fastest way to find and fix Oracle performance bottlenecks

Spotlight on Oracle is a database diagnostics tool that allows you to rapidly discover performance bottlenecks within your Oracle® database. By providing a real-time dashboard of all of your critical database processes, Spotlight reveals the performance status of your Oracle components, pinpointing areas of inefficiency for quick diagnosis.

Spotlight on Oracle does this by automatically setting a baseline of normal activity for each instance, and then establishing thresholds. This can also be customized to meet the requirements of your environment. Then, based on these thresholds, Spotlight on Oracle delivers alerts as it detects performance bottlenecks of any kind. And using a record and playback function, you can see historical activity as well.

Spotlight on Oracle (included with Toad DBA Suite for Oracle)

- Identify and diagnose performance issues — whether they're related to a specific user, SQL transaction, I/O bottleneck, lock wait or other exact source

- Automatically set baselines, thresholds and display alerts

- Diagnose operating system inefficiencies, correcting performance issues in Linux, UNIX and Windows

- Predictive Diagnostics anticipates future performance issues before they impact the database

- Detect and diagnose bottlenecks in Oracle RAC (Real Application Cluster) environments at the node, cluster and the interconnect (Spotlight on Oracle RAC option)

"Spotlight on Oracle has reduced the amount of time required to identify issues in our environment by 97 percent. Previously, it took us at least 30 minutes, but now we can do it in under a minute."

Iqbal Mohammed, Chief of Systems and Database Administration, Abu Dhabi Commercial Bank

BENEFITS:

- Minimize the time it takes to identify Oracle performance bottlenecks

- Diagnose the source of database inefficiencies in just a couple of clicks

- Visualize database process flows via an intuitive GUI for instant visual comprehension, aiding in quick time to resolution

- Reduce the risk of performance slowdowns and unplanned database downtime

Spotlight on Oracle's intuitive interface displays the architecture of your Oracle environment for immediate diagnosis of performance bottlenecks.

FEATURES AND BENEFITS

Real-time diagnostics (including record and playback)

- See graphical flows that illustrate the rate at which data moves between database components

- Get alerts of potential bottlenecks via an audio or visual alarm if any component begins to exceed performance thresholds

- Play back past instances

Enhanced top SQL drill-down

- See a consolidated view of SQL statements to identify those consuming the most resources

Analyze Trace

- Get a graphical view of the contents of the Oracle Trace files to see how Oracle is processing SQL statements for the database and how resources are being used to execute those statements

Troubleshooting instances

- Get an easy-to-read, chronological list of messages and errors that have occurred in the Oracle database, offering quick identification of areas to fix

- Detect cluster latency problems across the cluster hardware interconnect (Spotlight on Oracle RAC)

- Measure cluster overhead caused by excessive inter-node communication (Spotlight on Oracle RAC)

Alert log reader

- See graphic displays in real time of the actual flow of data in your UNIX, Linux and Windows operating systems to get diagnostics on the server OS

Predictive Diagnostics

- Predict the future performance for individual SQL statements

- Use the predictions to mitigate future performance issues by identifying SQL statements whose performance may not scale adequately as data volumes and SQL execution rates increase

Diagnostics for RAC infrastructure (Spotlight on Oracle RAC)

- View an aggregate of performance data across all instances of the cluster

- See a consolidated view of cluster-level alarms

For more information on the Spotlight on Oracle products, please visit toadworld. com/products/spotlight.

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.