

# Spotlight® on Oracle

The fastest way to find and fix Oracle performance bottlenecks

Spotlight® on Oracle allows you to rapidly discover performance bottlenecks within your Oracle database. It shows you the performance status—and diagnoses the health—of your environment, both in real time and historically, using a granular record and playback function. Additionally, Spotlight automatically sets a baseline of normal activity for each instance, and then establishes thresholds. Based on these thresholds, Spotlight on Oracle delivers alerts as it detects performance bottlenecks of any kind. Spotlight on Oracle provides real-time diagnostics, granting you the fastest way to find and fix performance bottlenecks.

See which Spotlight on Oracle Edition is right for you:

## Spotlight on Oracle Professional Edition

- 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.
- Also includes OS diagnostics to quickly correct performance problems in Linux, Unix and Windows. The feature called "predictive diagnostics" anticipates future performance issues before they impact the database. This edition is available with Toad DBA Suites.

## Spotlight on Oracle RAC

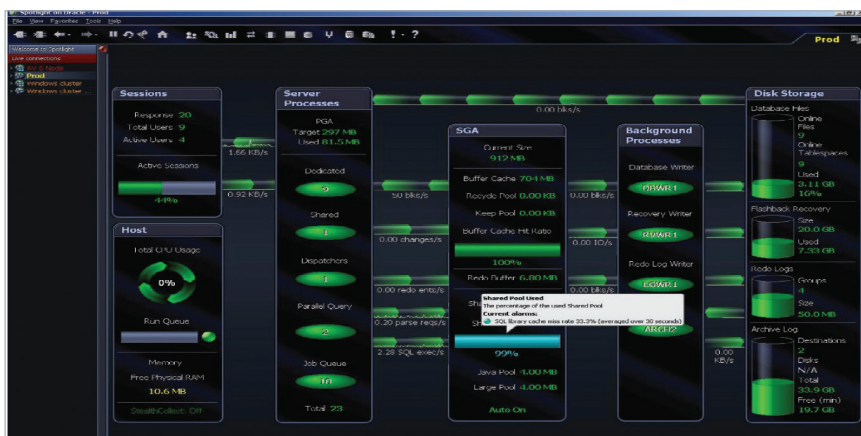
- Get all the capabilities from the professional edition, plus diagnostics for Oracle RAC (Real Application Cluster) environments to detect performance bottlenecks from the node to the cluster level and the interconnect.

"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:

- Discover hard-to-find bottlenecks that account for up to 80 percent of performance issues
- Eliminate guesswork in identifying problems in the Oracle database
- View an intuitive GUI, providing instant visual comprehension of performance bottlenecks for quick time to resolution
- Prevent or minimize unplanned database downtime



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

## System requirements

### Client requirements:

Windows 2000 sp4 + or XP sp 1+

Windows Vista Business

Windows Server, 2003, 2008,  
Windows 7

SQL\*Net 2.3.4 or later

Oracle 8.x.x, 9.x.x, 10g (full client  
or instant client), 11g, R1 and R2

Citrix XP

### Operating systems:

Windows Server 2003, Vista,  
Server 2008, Windows 7; HP-UX,  
11i, 11i v2, 11i v3

IBM AIX 5.2, 5.3, 6.1

Sun Solaris 8, 10, 11

Red Hat and SUSE (Linux kernel  
2.4 and 2.6)

### Cloud services:

Oracle databases running on  
Amazon EC2

### Oracle RAC servers:

Spotlight on Oracle RAC  
supports up to 16 instances in a  
cluster, with a theoretical limit of  
36 instances.

Note: A variety of virtual  
environments are also  
supported. See release notes.

Features	Benefits	Professional	Pro with RAC
Real-time diagnostics (including record and playback)	<ul style="list-style-type: none"> <li>See graphical flows that illustrate the rate at which data moves between components</li> <li>Get alerts of potential bottlenecks via audio or visual alarm if any component begins to exceed performance thresholds</li> <li>Extend the ability to play back past instances</li> </ul>	✓	✓
Enhanced top SQL drilldown	<ul style="list-style-type: none"> <li>Displays consolidated view of the SQL statements to identify those consuming the most resources</li> </ul>	✓	✓
Analyze Trace	<ul style="list-style-type: none"> <li>Drilldown provides 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</li> </ul>	✓	✓
Troubleshooting instances	<ul style="list-style-type: none"> <li>Displays an easy-to-read chronological list of messages and errors that have occurred in the Oracle database, offering quick identification of areas to fix</li> </ul>	✓	✓
Alert log reader	<ul style="list-style-type: none"> <li>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.</li> </ul>	✓	✓
Predictive diagnostics	<ul style="list-style-type: none"> <li>Predict the future performance for individual SQL statements</li> <li>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</li> </ul>	✓	✓
Troubleshooting clusters	<ul style="list-style-type: none"> <li>Detect cluster latency problems across the cluster hardware interconnect</li> <li>Measure cluster overhead caused by excessive inter-node communication</li> </ul>	Optional add-on	✓
Diagnostics for RAC infrastructure	<ul style="list-style-type: none"> <li>View an aggregate of performance data across all instances of the cluster</li> <li>See a consolidated view of cluster-level alarms</li> </ul>	Optional add-on	✓

For more information on the Spotlight on Oracle products, please visit [quest.com/spotlight-on-oracle](http://quest.com/spotlight-on-oracle).

## About Dell

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