

Foglight® for SQL Transactions

APPLICATION TRANSACTION AND RESPONSE TIME MONITORING

- **Monitors any network-based application running against Oracle**
- **Transaction modeling and tracking enables administrators to track specific business processes over time**
- **Receive immediate alerts of user-related performance problems or SLA violations based on customer-defined thresholds**
- **Advanced SQL auditing capability allows for quick diagnosis and resolution of critical performance problems**
- **Bind variables allow you to accurately tune the SQL**
- **Stores historical information in an Oracle-based data repository for easy access**
- **Integrates with Quest Central™ for Oracle's SQL tuning component**

Today's application systems have grown incredibly complex, supporting more users than ever before. Problems can appear anywhere in the system: network, database server, application server or client program. With so many potential points of failure and only fragmented information from over-specialized monitoring tools, the process to identify, reproduce, and quickly resolve application problems has never been more of a challenge.

Foglight® for SQL Transactions, the transaction monitoring solution for distributed network-based Oracle systems, provides a comprehensive solution with detailed, system-wide monitoring coverage and analysis of application problems. It provides information that is easily accessible, in real time, from any Windows-based computer. Foglight for SQL Transactions captures and analyzes all the data necessary to quickly identify application-related problems, create an alert and solve them fast.

Transaction Monitoring

Today IT professionals are focused on knowing how well their critical business transactions are performing. Effectively maintaining your business transactions and response times requires more than simply extracting the detail for each SQL execution. Foglight for SQL Transactions offers performance metrics for your critical business transactions such as cumulative and average transaction times — taking application performance monitoring to a new level. Full trend and comparative reporting and graphing allows administrators to track business transactions and their performance over time. Its unique modeling technology indicates the beginning and end of a complex transaction, enabling the administrator to name the transaction and start monitoring immediately.

24x7 Application-based Alerting

Foglight for SQL Transactions is uniquely focused on the application layer, where more than 80% of performance problems occur. Foglight for SQL Transactions offers a scalable and non-intrusive solution designed to efficiently and comprehensively monitor your Oracle-based transactions and proactively detect critical problems before service levels are affected. With its robust and customizable policy and rules engine, Foglight for SQL Transactions is well suited to handle any monitoring and alerting need. When issues arise, an alert immediately notifies the administrator — providing ample data and time to resolve the problem.

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System Requirements

Foglight for SQL Transactions Client Console

- Windows NT/2000/XP

Foglight for SQL Transactions Server

- Passively monitors TCP/IP network traffic
- Runs on a dedicated Intel or Sun computer running Solaris
- Supports all Oracle-based applications running on Oracle 7 or greater
- Local Oracle database is Oracle 8x or 9x
- Scales to thousands of users through its built-in OLAP engine and thread architecture

ERP support

- Oracle Smart Client version, Oracle E-Business Suite 10.7, 11x full service Forms, self-service Web, and Concurrent Manager batch transactions
- PeopleSoft 7x and 8

For more information about Foglight for SQL Transactions or other Quest Software products, please call 949.754.8000 or visit us at www.quest.com.



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ERP Support

Supporting the end users of today's ERP/CRM systems can be very difficult, especially with the use of middle-tier application servers that often mask who the real users are. Also, since it is common for users to access their business systems from multiple locations across the enterprise, IT can be hard-pressed to monitor and ensure service levels adequately.

Foglight for SQL Transactions allows you to set performance SLAs and quickly find those programs or SQL statements that are not performing at optimal levels. Once the offending job or transaction has been located, you also get the application related information you desire — including application user, program and module — to help you further pinpoint the problem. Foglight for SQL Transactions' unique SQL and bind variable technology does not require any code instrumentation or application modifications — allowing for full support of complex ERP/CRM environments.

Zero-overhead Monitoring

Foglight for SQL Transactions utilizes network eavesdropping technology to transparently monitor Oracle-based systems with no impact to the overall environment. Foglight for SQL Transactions monitors the SQL*Net communications providing detail and summary information on how critical applications are performing. Its unique drill-down interface provides a comprehensive view of the production SQL and PL/SQL, including the bind variables used at run-time. All monitoring results are then processed and selectively saved on a separate management server — freeing application performance of any monitoring-related impact.

SQL Auditing

How do you troubleshoot and debug application problems? Foglight for SQL Transactions enables you to easily start capturing and monitoring all the SQL and PL/SQL for a given user, session, program, or transaction — with a flip of a switch. This unique auditing feature allows you to see all the statements executed in their sequential order with the run-time bind variables, allowing you to follow the logic and flow of the program and helping you quickly diagnose and resolve critical performance problems. Foglight for SQL Transactions also allows you to test upgrades and patches, providing the data you need to determine why your system is not meeting performance service levels.

An Integrated Solution

From any Foglight for SQL Transactions data view detailing a SQL execution, you are a single-click away from sending the selected SQL statement and its bind variables to Quest Central™ for Oracle's SQL tuning component for further analysis. Once in Quest Central, you will be able to easily duplicate run-time problems in an environment that makes it easy to resolve the problem. Foglight for SQL Transactions is also integrated with Foglight, Quest Software's application monitor — giving you a complete application monitoring solution.