

SageTools

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Real-Time System Monitoring, Management and Reporting

SageTools is a powerful, comprehensive and configurable toolset that has been developed over a period of ten years by SageLogix principals, representing decades of cumulative experience managing Oracle databases. Developed and tested by practicing production-support DBAs, SageTools uses a real world, practical approach to database monitoring, administration, and performance analysis.

SageTools' approach to managing databases encourages best practices, proactive detection and correction, and resource efficiency. SageTools features include complete database monitoring, performance management, distributed database administration, comprehensive reporting, and proactive analysis.

SageTools are designed and implemented by lazy database administrators who simply want to get a good night's sleep. They have handled more than their share of crises year after year, and through post-mortem analysis and best practice enforcement, they have determined that most crises can be averted. SageTools is the embodiment of the desire of dedicated professionals to provide top service to their customers by automating what should be automated, so everyone can sleep better.

Enterprise Monitoring

Real-time detection, configurable thresholds, intelligent alerting, corrective actions, historical data capture, and proactive analysis.

Service Availability/Service Health

- Real-time tracking and event management of the server, database, listener or any required supporting application processes.
- Real-time monitoring including, but not limited to the support of Oracle Database, Oracle Application Server, and Oracle E-Business Suite.
- Real-time monitoring of systems logs to alert on data corruption, log writer errors, data file errors and many more.
- Gathering of performance data for proactive trending analysis and real-time situational awareness. Coupled with SageLogix expertise, this powerful feature allows Database Administrators to correlate change activates with system performance.

Performance Monitoring

- Intelligent monitoring and capture of server and database loads to ensure that thresholds are not exceeded.
- Monitoring and capture of SQL that is impacting the response time to end users.
- Monitoring and capture of key database and server statistics such as load averages, the mix of time spent by the database engine "serving" versus "waiting"
- I/O optimization due to detailed understanding of the impact of workloads generated by Oracle databases in large-scale and small-scale environments.

Key Features

- Comprehensive systems monitoring and event management, minimized service interruptions and quicker resolution to problems.
- Automated task management resulting in reduced management costs and improve quality of service.
- A flexible architecture that ensures simplified, consistent and repeatable database administration either for one environment or across a diverse and complex enterprise
- Advanced management features for space administration, security auditing and alerting, and cost-based optimizer statistics gathering, and management of date-range and numeric-range partitioned tables.
- Real-time and historical reporting for analysis of performance metrics and capacity planning.
- Integration with [SageGuard](#) global clustering solution.
- Supported platforms include: Windows, Solaris, HP-UX, AIX, Red Hat Linux

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Database Management

SageTools automates database tasks in order to maximize resource efficiency, increase up-time, lower costs, and allow the DBA staff to focus on high-value tasks.

Space Management

- Automated, policy-governed file addition and space usage detection.
- Configurable thresholds for file system usage and segment growth.
- Active archive log management to ensure log space will not fill.
- Enforcement of standards such as file name and file locations.
- Comprehensive space capacity reports that allow for trending of growth and monitoring of efficient usage.
- Verification that objects are created in the proper locations with proper sizing.

Security Management

- SageTools Security Management protects your corporate data stores from intrusive and accidental behaviors.
- Auditing of users who possess system level privileges.
- Auditing of operating system directories and files which permit inappropriate read and write permissions to the database, software or configurations files.
- Auditing of security risks within the database including checking password strength and automated preventative intrusion detection.
- Monitoring of listener policies to ensure proper accessibility.

Capacity Management

- SageTools Capacity Management proactively facilitates the planning of server and disk resources enabling you to manage costs and maintain performance.
- Point-in-time reports that detail server resource utilization. This includes server load, CPU, memory and I/O rates.
- Point-in-time reports that detail database resource utilization. This includes hit ratios, physical and logical reads and writes, executed transactions and number of users.
- Management views that help with budget planning and ensuring efficient use of resources.

Conclusion

Managing Oracle databases has changed over the years, and the expertise provided by SageLogix has stayed ahead of these developments. It is no longer sufficient simply to react to problems after they occur, but to recognize developing issues as they first appear on the horizon.

Outages and performance problems are revenue impacting and can be avoided through automated monitoring and task management. SageTools provides the power and flexibility to manage environments in a simple, consistent, and repeatable manner. SageTools will increase the productivity and efficiency and lower administrative costs.

Most of all, SageTools provides the ability to rest easy, knowing that corporate data is well cared for and available to those who need it.

Supported Platforms

- Oracle 7.3.4 – Oracle 11g.
- Solaris, HP-UX, Linux, AIX, Windows.

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