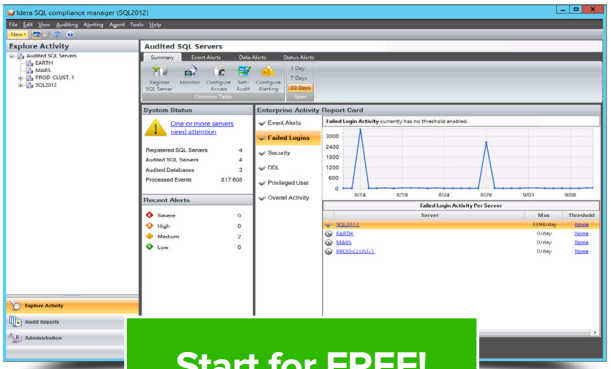
IDERA

SQL Compliance Manager

MONITOR, AUDIT, AND ALERT ON SQL SERVER USER ACTIVITY & DATA CHANGES

SQL Compliance Manager is a comprehensive auditing solution that uses policy-based algorithms to track changes to your SQL Server objects and data. SQL Compliance Manager gives you detailed visibility to determine who did "what", "when", "where", and "how", whether the event is initiated by privileged users or hackers. SQL Compliance Manager also helps ensure compliance with regulatory and data security requirements such as SOX, PCI, GLBA, HIPAA(HITECH), and Basel I and II. SQL Compliance Manager goes beyond traditional auditing approaches by providing real-time monitoring, alerting, and auditing of all data access, selects, updates, schema modifications and permission changes to SQL Server databases.



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IDERA SQL COMPLIANCE MANAGER

WHY SQL COMPLIANCE MANAGER?

Data security and regulatory compliance requirements have become increasingly stringent. As a result, DBAs are tasked with the monumental job of providing an accurate audit trail of SQL Server activities such as database access, update actions, schema changes, and security changes. Unfortunately, auditing and reporting this information can often require weeks or months of custom development or in some cases the employment of a full-time DBA staff to provide scheduled or on-demand reports to auditors. SQL Compliance Manager eliminates this overhead by providing real-time monitoring, alerting, and auditing of SELECT statements (includes column level granularity), DML, schema changes, permissions, and logins; providing quick, easy, accurate, and trusted answers to what has transpired on your servers. With SQL Compliance Manager you have the right SQL Server auditing, alerting, reporting solution that ensures all server acceses and exceptions are tracked to comply with internal and external audits. Furthermore, to ease the research and configuration required to comply with HIPAA and PCI, SQL Compliance Manager now delivers templates with pre-set audit settings that align with the regulatory citations.

PRODUCT HIGHLIGHTS

Audit Sensitive Data Get detailed visibility of who did what, when, where & how

Track Changes Monitor and audit all data access, failed logins, and schema and permission changes

Uncover Security Threats Customize alerts and be notified of suspect activity by privileged users or hackers

Quickly Satisfy Audits Meet requirements with built-in PCI and HIPAA templates

Generate Reports Fast Deliver over 25 out-of-the-box reports to validate SQL Server audit trails

Minimize Overhead Reduce impact on audited servers via a light-weight data collection mechanism

SYSTEM REQUIREMENTS

Management Console

- Windows 2000 SP3+, Windows XP SP2+, Windows Server 2003, SP1+, Windows Server 2008, Windows Vista, Windows 7 SP1+
- Microsoft .NET 2.0

COLLECTION SERVER & DATA REPOSITORY

- Windows 2000 SP3+, Windows XP SP2+, Windows Server 2003 SP1+, Windows Server 2008, Windows Vista, Windows 7 SP1+
- Microsoft .NET 2.0
- Repository: SQL Server 2005 (all versions/service packs), SQL Server 2008 SP1+, SQL Server 2008 R2 SP1+, SQL Server 2012

AGENT

Windows 2000 SP4, Windows XP SP2, Windows Server 2003 SP1+, Windows Server 2008, Windows Vista, Windows 7 SP1+; Microsoft .NET 2.0

SUPPORTED SQL SERVER ENVIRONMENTS

SQL Server 2000, SQL Server 2005, SQL Server 2008, SQL Server 2008 R2, SQL Server 2012

KEY BENEFITS

Continuous, Flexible Auditing
SQL Compliance Manager goes beyond traditional auditing approaches by providing real-time monitoring and auditing of all data access, updates, data structure modifications and changes to security permissions. The type and detail of audit data collected is highly configurable and may be defined at the server, database and object level. No changes to applications or production databases are required.

Immediate notification of suspect activity
SQL Compliance Manager can be configured to alert DBAs of suspect server activity, either via e-mail or the event log. The alerting engine includes powerful features such as flexible alert definition, alert templates, custom messaging, and alert reporting and alerts can be applied across the board, or to specific servers, databases, or tables, for more fine-grained control.

Minimal performance impact
SQL Compliance Manager employs a very efficient, low-overhead data collection mechanism to minimize impact on audited servers. A lightweight agent monitors the SQL Server trace data stream in real time, collects the audit data and sends it back to the repository. SQL Compliance Manager does not use high-overhead approaches that can impact server performance such as triggers, profiling, 'heavy' tracing options or log scraping.

Powerful reporting and analytics
SQL Compliance Manager provides 'out of the box' reports to address a broad range of auditing and security reporting needs. These reports were developed in conjunction with industry experts in security, compliance and auditing policies, such as Ernst and Young and Information Shield Inc. All reports may be easily customized, plus the user-friendly schema of the audit data repository enables rapid development of ad-hoc queries and reports for detailed forensic analysis.

TECHNICAL FEATURES

IDERA | SQL Compliance Manager

POWERFUL AND FLEXIBLE SQL SERVER AUDITING

Customizable HIPAA and PCI Templates
– Determine what you need to audit in your servers and databases for Payment Card Industry(PCI) and Health Insurance Portability and Accountability Act (HIPAA) regulations. Extensive research is no longer required as you can simply define the objects and apply the (out-of-box) customizable templates.

Low-overhead data collection
A lightweight agent captures data from the SQL Server trace stream in real-time. The data collected can be streamed to the repository in real-time or in scheduled batches.

Tamper Proof audit data repository
Guarantees the integrity of audit data by providing an immutable repository – any attempts at changing or tampering with the audit data can be detected. In addition, powerful selfauditing features capture and alert on all changes to auditing policies and data collection parameters.

Auditor's mode
Users can be granted auditor privileges only. Users in the auditor role have read-only permission. This supports report and query execution as well as self-audit, integrity reporting, and alerting of changes to configuration and data collection parameters.

Fine-grained filtering
Powerful filtering capabilities enable you to collect only what is important for audit and compliance; reducing data collection, transmission and storage overhead.

Customized alerting
Provides customized alerting for over 200 specific SQL Server Event types, allowing you to define rules to receive immediate notification when critical SQL server events occur. These events are stored in the audit repository, can be emailed directly to a user and/or written to an event log that feeds an in-house operations monitor system (e.g. SCOM).

User-defined event auditing
Supports comprehensive auditing of user-defined events. For example, events can be captured for data changes resulting from INSERT, UPDATE, or DELETE activity on tables, or additional

application context can be included within your audit trail.

Sensitive Column Auditing & Alerting

Audit any combination of columns and track who has issued "SELECT" statements against any table whether they are end-users or privileged users. Additionally, you can be alerted when any combination of columns are accessed.

Data auditing
Audit data changes on any table so you can compare before and after data values resulting from inserts, updates and deletions.

ENTERPRISE MANAGEMENT FEATURES

Central Management Console
Central console enables rapid configuration and deployment of SQL Compliance Manager agents as well as real-time monitoring of agent activity and the audit data stream. This makes it easy to manage and track audit activity over a large number of servers.

Central Data Repository
A central repository houses all audit data. The published, user-friendly repository schema enables easy development of queries and custom reports. In addition, multiple repositories may be used where required for security partitioning purposes.

DynamicDeployment™ technology
Automatically deploys and configures the SQL Compliance Manager agents, enabling rapid deployment and eliminating the need for time consuming software installs on your SQL servers.

Efficient data archive
Built-in archiving mechanisms enable archiving to be scheduled on any frequency and archives can easily be restored to the current audit data repository or a separate repository. Additionally, you can easily leverage SQLsafe, Idera's high-performance backup solution, to compress and encrypt audit data archives.

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