New features and fixed issues

IDERA SQL Compliance Manager provides the following new features and fixed issues.

IDERA, Inc. customers have the sole responsibility to ensure their compliance with the laws and standards affecting their business. IDERA, Inc. does not represent that its products or services ensures that customer is in compliance with any law. It is the responsibility of the customer to obtain legal, accounting, or audit counsel as to the necessary business practices and actions to comply with such laws.

5.4.2 New features

IDERA SQL Compliance Manager 5.4 and later depend on certain Microsoft components that did not ship with SQL Server versions prior to SQL Server 2012 SP1. ***If you are installing SQL Compliance Manager's Collection Service on a Repository running on SQL Server 2012 or below,*** you must install these components manually. For more information about this process, see Important installation steps for SQLCM 5.4.x.

Supports TLS 1.2 with SQL CM 5.4.2

IDERA SQL Compliance Manager 5.4.2 includes support for Transport Layer Security (TLS) version 1.2. The TLS protocol provides encryption, authentication, and data privacy and integrity when transferring information over a network, including VPN, VOIP, and instant messaging.

5.4.2 Fixed issues

Administration issues

- Resolved an issue causing both Primary and Secondary nodes to list the AlwaysOn database as Secondary.
- Resolved an issue preventing email from working for certain servers and types of events.

Auditing issues

- Resolved an issue preventing audit of the Availabiity Group listener if a non-default port is used.
- Database-level Privileged User Auditing settings are no longer overwritten by instance-level Privileged User Auditing settings.
- Resolved the following integrity check issues:
  - users received an integrity check issue message although the scheduled integrity checks all passed
  - SQL Server startup events caused an integrity check failure
  - Integrity checks didn't match the Audit events in the SQLCM Repository
- Resolved an issue causing the database name to return blank for Login Events in some places.
- SELECT statements no longer appear as UPDATE statements.
- Resolved an error that occurred when the eventId reached the max limit of Integer. The error was, "Cannot insert duplicate key row in object 'dbo.Events' with unique index 'IX_Events_eventId'.
- No longer generates the Column Value Changed Data alert twice for Before-After auditing events.
- Resolved an issue causing an error when updating a table that contains an image and the table name contains a hyphen.
- The default Events view now displays data for a single day rather than 30 days.
- Resolved an issue preventing the proper function of the Exporting/Importing Database DML Filter audit settings.

Archiving issues

- During archiving, users no longer receive a "Violation of PRIMARY KEY" error during archiving.

Reporting issues

- Resolved an issue that prevented users from running the DML Activity (Before-After) report.

5.4 New features

IDERA SQL Compliance Manager 5.4 depends on certain Microsoft components that did not ship with SQL Server versions prior to SQL Server 2012 SP1. ***If you are installing SQL Compliance Manager's Collection Service on a Repository running on SQL Server 2012 or below,*** you must install these components manually. For more information about this process, see Important installation steps for SQLCM 5.4.x.

Improves archiving through the availability of SQL Server Extended Events

IDERA SQL Compliance Manager 5.4 includes support for event handling with SQL Server Extended Events. This optional feature is available for use in auditing instead of using SQL Trace. Running Extended Events offers a performance improvement over the default SQL Trace audit event gathering system and is available for instances running SQL Server 2012 and later. For more information about using the Extended Events option, see Using SQL Server Extended Events.

Includes new Sensitive Column Search

Included in this release is integration with a free tool from IDERA called SQL Column Search. Available from the IDERA SQL Compliance Manager Instance Details view, this feature allows you to search tables and columns on a targeted database to discover the location of sensitive data needing to be audited. For more information about using the Sensitive Column Search, see Sensitive Column Search window.

Offers SQL Compliance Manager Windows Console functionality in the Web Console

The following features previously available only through the IDERA SQL Compliance Manager Windows Console now are available in the Web Console as well:

- Importing sensitive columns
- Importing audit settings including instance and database templates
- Exporting audit settings including instance and database templates

Includes updated regulatory guideline templates

IDERA SQL Compliance Manager includes a number of regulatory guideline templates for customer use. IDERA SQL Compliance Manager 5.4 includes updates for these templates. For more information about this feature, see Comply with specific regulations.

5.4 Fixed issues

Installation and upgrade issues

- Enabled **Capture Transaction Status for DML Activity** no longer replaces SQL statement values with variables.
- This release resolves an issue that prevented auditing when two tables has the same name but different schema
- An error no longer occurs while updating the audit configuration file due to duplicate database IDs.
- Improves Collection Server performance while processing trace files.
- Corrects an issue preventing the Collection Trace directory from being created when the user chooses a non-default installation path.
- IDERA SQL Compliance Manager 5.3 now supports SQLcomplianceAgent silent installation.
- Resolves an issue causing heartbeat alerts for instances after they are archived.
- Resolves an error that appeared when a user added privileged users while applying a custom Audit Collection Level.
- Fixed an error causing the collection of non-audited database data when **Capture SQL statements for DML and SELECT activity** is enabled.
- Before-After data now works during an update when auditing selected columns.
- Non-AlwaysOn Availability Group databases can no longer be added to an AG server for auditing.
- Resolves an issue causing an invalid object name error with 'sys.dm_os_window_info' for SQL Server 2005 agents.