# Audit reports view

The Audit reports view allows you to generate audit reports using the built-in Microsoft SQL Server Reporting Services Report Viewer (Report Viewer). Each report lets you view and track audited events stored in your event databases and archive files. Use these reports to confirm regulatory compliance, enforce security policies, and capture activity history.

File Edit View Auditing Alerting Agent Tools Help			
Audit Reports	Alerts / History		
Merts / History Agent History Alert Activity - Data Alert Activity - Events	Agent History List all activity for SQL Compliance Manager Agent.	Alert Activity - Data  Show SQL Compliance Manager data alert  activity.	
Alert Activity - Status Application Activity Application Activity Statistics Audit Control Changes	Alert Activity - Events Show SQL Compliance Manager event alert activity.	Alert Activity - Status  Show SQL Compliance Manager status alert  activity.	
– Backup and DBCC Activity – Change History (by object) – Change History (by user) – Daily Audit Activity Statistics	Application Activity List all activity by application.	Application Activity Statistics        List a summary of application activity by activity type.	
Database Schema Change History DML Activity (Before-After) Host Activity Integrity Check	Audit Control Changes List all changes to SQL Compliance Manager audit settings.	Backup and DBCC Activity List all backup, restore and DBCC activity.	
– Login Creation History – Login Deletion History – Object Activity – Permission Denied Activity	Change History (by object) List security changes for specified objects.	Change History (by user) List security changes performed by specified users.	
Sensitive Column Activity Server Activity Report Card Server Login Activity Summary Table-Data Access by Rowcount	Daily Audit Activity Statistics Provides summary audit statistics per day.	Database Schema Change History List all schema changes made to specified databases.	
User Activity History User Login History onfiguration Alert Rules	DML Activity (Before-After)  Lists DML events for which before and after data  is available.	Host Activity List all activity for specified hosts.	
– Configuration Check – Privileged / Trusted Users – Regulation Guidelines – Regulatory Compliance Check	List all integrity check violations.	Login Creation History List all login creation activity.	
- Sensitive Columns / BAD	Login Deletion History List all login deletion activity.	Object Activity  List all activity for specified objects.	
	Permission Denied Activity Lists all activity for which permission was denied.	Sensitive Column Activity Lists every time a sensitive column was accessed.	
Explore Activity	Server Activity Report Card Shows Server Activity Report Card.	Server Login Activity Summary Lists login statistics per server with per login details.	
Audit Reports	Reporting Services		
Administration	Deploy Reports  Deploy reports and linked reports to  Reporting Services 2005 or later.	View Deployed Reports View deployed reports hosted by Reporting Services 2005 or later.	

## Available actions

#### Generate a report now

Use the Audit Reports tree to navigate to the appropriate report, and then specify your criteria in the report view.

#### **Deploy reports to Microsoft Reporting Services**

In the **Reporting Services** pane, click **Deploy Reports**. Starts the Reports Installer, allowing you to deploy individual IDERA SQL Compliance Manager reports to your existing Reporting Services server and customize the report.

#### View which reports have been deployed

In the **Reporting Services** pane, click **View Deployed Reports**. Opens the Report Manager on the Reporting Services server, allowing you to see which SQL Compliance Manager reports you have deployed.

# **Available reports**

### Alert Reports

These reports list alert details, such as target object, affected SQL Server instance, the event, and time of the alert. Use these reports to audit Event and Status Alerts triggered over a specified time period.

- Alert Activity Data
- Alert Activity Events

Alert Activity - Status

#### **Audit Reports**

The Daily Audit Activity Statistics report lists the amount of activity that occurred on the SQL Server instance or designated database, on an hourly basis, for the dates specified. Use this report to audit overall activity levels on your SQL Server instances and databases.

#### **Application Audit Reports**

These reports list activity details, such as login, event, and time of activity, per application and database. Use these reports to audit activity across multiple applications and databases.

- Application Activity
- Application Activity Statistics

#### **Configuration Check Report**

The configuration check report lists all the configurations selected on a Server or Database. Use these reports to reconcile the differences in regards to the configurations across different servers and databases.

#### **Database Object Audit Reports**

These reports list backup, restore, DBCC, DML, and database object activities on specific databases. Use these reports to audit mass data movement or database object activity, such as SELECT or UPDATE, across multiple databases.

- Backup and DBCC Activity
- DML Activity (Before-After)
- Object Activity

#### **DDL Audit Reports**

The Database Schema Change History report lists schema changes applied to audited databases. Use these reports to audit data definition language (DDL) statements, such as dropped tables, executed against one or more databases on a SQL Server instance.

#### **Host Audit Report**

The Host Activity report lists all host computers from which specific logins executed an action. Use this report to audit user behavior from multiple client computers, identifying the host computer from which an activity request originated.

#### Privileged / Trusted Users Report

The Privileged User/Trusted User report lists trusted and privileged users of a specified server instance or database. Use this report to view the list of trusted/privileged users on specific servers and databases.

#### **Policy Audit Reports**

These reports list changes and updates applied to the SQL Compliance Manager Agent deployed on a specific SQL Server, and any integrity violations in your audit data. Use these reports to diagnose audit data integrity issues and track agent configuration changes as well as agent activities, such as SQL Compliance Manager Agent service restarts.

- Agent History
- Alert Rules
- Audit Control Changes
- Integrity Check

#### **Regulation Audit Reports**

These reports list all the regulations and their individual guidelines applied to your servers and databases. Use the Regulation Guideline report to audit the regulatory guidelines applied to your SQL Server instance, or use the Regulation Compliance Check report to ensure that your servers and databases continue to be in compliance with the selected regulatory guidelines.

- Regulation Guideline Report
- Regulation Compliance Check Report

#### Security Audit Reports

These reports list permission changes by object type as well as unauthorized attempts to execute activities. Use these reports to audit your SQL Server security settings and identify misconduct.

- Change History (by object)
- Change History (by user)
- Permission Denied Activity
- User Login History
- Table/Data Access by Row count

### Server Activity Report Card Report

The Server Activity Report Card report allows you to review the activity status and recent audit event history on your SQL Server instance. Use this report to display a particular server's activity status.

#### **User Audit Reports**

These reports list user activities performed on a specific SQL Server instance, and provide a history of login creations and deletions. Use these reports to audit user behavior and login management.

- Login Creation History
  Login Deletion History
- Server Login Activity Summary
  User Activity History

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