

# Database Schema Change History Report

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

The screenshot displays the IDERA SQL Compliance Manager interface. On the left, a sidebar titled 'Audit Reports' contains a list of reports under the 'Alerts / History' category. The 'Database Schema Change History' report is highlighted. The main area, titled 'Alerts / History', shows a grid of report tiles. The 'Database Schema Change History' tile is highlighted with a green border. Below the grid, there are sections for 'Reporting Services' and 'Administration'.

Alerts / History	
<b>Change History (by object)</b> List security changes for specified objects.	<b>Change History (by user)</b> List security changes performed by specified users.
<b>Daily Audit Activity Statistics</b> Provides summary audit statistics per day.	<b>Database Schema Change History</b> List all schema changes made to specified databases.
<b>DML Activity (Before-After)</b> Lists DML events for which before and after data is available.	<b>Host Activity</b> List all activity for specified hosts.
<b>Integrity Check</b> List all integrity check violations.	<b>Login Creation History</b> List all login creation activity.
<b>Login Deletion History</b> List all login deletion activity.	<b>Object Activity</b> List all activity for specified objects.
<b>Permission Denied Activity</b> Lists all activity for which permission was denied.	<b>Sensitive Column Activity</b> Lists every time a sensitive column was accessed.
<b>Server Activity Report Card</b> Shows Server Activity Report Card.	<b>Server Login Activity Summary</b> Lists login statistics per server with per login details.

**Reporting Services**

<b>Deploy Reports</b> Deploy reports and linked reports to Reporting Services 2005 or later.	<b>View Deployed Reports</b> View deployed reports hosted by Reporting Services 2005 or later.
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**Administration**

A filter can include a list of wildcards, separated by commas, where a wildcard is a string, which may contain asterisks. The following parameters are specific to the selected report and enable you to filter the data to include in the report.

## Available actions

### Server Instance

Allows you to select a registered instance on which you want to report. Select **ALL** to report on all instances.

### Databases

Allows you to select or type the name of one or more databases on which you want to report.

### Login

Allows you to select the login from the drop down list of available logins. Select **ALL** to report on all logins.

### Start Date

Allows you to select the start date for the range from which you want to report.

### End Date

Allows you to select the end date for the range from which you want to report.

### Start Time - Hour

Allows you to select the exact starting hour of the day for the range from which you want to report.

### Start Time - Min

Allows you to select the exact starting minute of the day for the range from which you want to report.

**Start Time - AM/PM**

Select between AM or PM from the drop down list to configure the Start Time for Each Day range from which you want to report.

**End Time - Hour**

Allows you to select the exact ending hour of the day for the range from which you want to report.

**End Time - Min**

Allows you to select the exact ending minute of the day for the range from which you want to report.

**End Time - AM/PM**

Select between AM or PM from the drop down list to configure the End Time for Each Day range from which you want to report.

**Schema**

Allows you to type the name of the schema on which you want to report.

**Target Object**

Allows you to type the name of one or more target objects on which you want to report.

**Application**

Allows you to type the name of one or more applications on which you want to report.

**Host**

Allows you to type the name of one or more hosts on which you want to report.

**Event**

Allows you to type the name of one or more events on which you want to report.

**Show SQL**

Select between True or False from the drop down menu to filter the report by SQL Text.

**Privileged Users Only**

Select between True or False from the drop down list to report on Privileged Users only or to report on All User types.

**Run Report**

Click this button to Run the report.

## Default columns

**Database**

The Database column displays the name of the database where the event was captured.

**Event**

The Event column displays a description of the event captured.

**Schema**

The Schema column displays the name of the event's schema.

**Target Object**

The Target Object column displays the name of the target object.

**Login**

The Login column displays the login name of the user who performed the event.

**Host**

The Host column displays the name of the host.

### Application

The Application column displays the name of the application used to capture the event.

### Time

The Time column displays the date and time when the event was captured.

### SQL

The SQL column when set to True, provides the SQL Statement for the captured event.

### Database Schema Change History

Server Instance: <ALL>
Database: \*
Login: <ALL>
Start Date: 10/ 8/2019
End Date: 10/15/2019
Start Time for Each Day
Start Time - Hour: 12
Start Time - Min: 00
Start Time - AM/PM: AM
Schema: \*
Application: \*
Event: \*
Privileged Users Only: False

End Time for Each Day
End Time - Hour: 11
End Time - Min: 59
End Time - AM/PM: PM
Target Object: \*
Host: \*
Show SQL: False

Run Report

1 of 1
100%

**SQL Compliance Manager™**

### Database Schema Change History

From 10/8/2019 to 10/15/2019 11:59:59 PM  
From 12:00 AM to 11:59 PM

Server Instance: <ALL>
Database: All Databases
Login: <ALL>
Schema: All Schemas
Application: All Applications
Event: All Events
User Type: All Users

Target Object: All Objects
Host: All Hosts
Show SQL Text: No

Database	Event	Schema	Target Object	Login	Host	Application	Time	SQL
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