

# DML Activity (Before-After) Report

The DML Activity (Before-After) report lists DML events for which before and after data is available. Use this report to audit UPDATE, INSERT, and DELETE activity on critical or sensitive databases.

The screenshot shows the IDERA SQL Compliance Manager interface. On the left is a sidebar with a tree view under 'Audit Reports' and 'Alerts / History'. The 'DML Activity (Before-After)' report is selected and highlighted. The main area displays a grid of report tiles. The 'DML Activity (Before-After)' tile is highlighted with a green border. Other tiles include 'Change History (by object)', 'Change History (by user)', 'Daily Audit Activity Statistics', 'Database Schema Change History', 'Host Activity', 'Integrity Check', 'Login Creation History', 'Login Deletion History', 'Object Activity', 'Permission Denied Activity', 'Sensitive Column Activity', 'Server Activity Report Card', and 'Server Login Activity Summary'. At the bottom, there is a 'Reporting Services' section with 'Deploy Reports' and 'View Deployed Reports' tiles.

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.

### Table Name

Allows you to select or type the name of one or more table names 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.

#### **Column Name**

Allows you to type the column names of one or more columns on which you want to report.

#### **Event**

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

#### **Primary Key**

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

#### **Run Report**

Click this button to Run the report.

## **Default columns**

#### **Event**

The Event column displays a description of the event captured.

#### **Time**

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

#### **Login**

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

#### **Database**

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

#### **Schema**

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

#### **Table**

The Table column displays the name of the table where the event was captured.

## Column

The Column column displays the name of the column where the event was captured.

**Before**

The Before column displays the value stored before change.

### After

The After column displays the value stored after change.

### Key

The Key column displays the primary key description.

### DML Activity (Before-After)

Server Instance:	<ALL>
Database:	*
Table Name:	*
Login:	<ALL>
Start Date:	10/ 8/2019
End Date:	10/15/2019
Start Time for Each Day:	
End Time for Each Day:	
Start Time - Hour:	12
End Time - Hour:	11
Start Time - Min:	00
End Time - Min:	59
Start Time - AM/PM:	AM
End Time - AM/PM:	PM
Schema:	*
Target Object:	*
Column Name:	*
Event:	*
Primary Key:	*

Run Report

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**SQL Compliance Manager™**

### DML Activity (Before-After)

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

<b>Server Instance:</b>	<ALL>	<b>Target Object:</b>	All Objects
<b>Database:</b>	All Databases	<b>Event:</b>	All Events
<b>Table Name:</b>	All Tables		
<b>Login:</b>	<ALL>		
<b>Schema:</b>	All Schemas		
<b>Column Name:</b>	All Columns		
<b>Primary Key:</b>	All		