

# 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.

| Audit Reports                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Alerts / History                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
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| <ul style="list-style-type: none"> <li>Alerts / History</li> <li>Agent History</li> <li>Alert Activity - Data</li> <li>Alert Activity - Events</li> <li>Alert Activity - Status</li> <li>Application Activity</li> <li>Application Activity Statistics</li> <li>Audit Control Changes</li> <li>Backup and DBCC Activity</li> <li>Change History (by object)</li> <li>Change History (by user)</li> <li>Daily Audit Activity Statistics</li> <li>Database Schema Change History</li> <li><b>DML Activity (Before-After)</b></li> <li>Host Activity</li> <li>Integrity Check</li> <li>Login Creation History</li> <li>Login Deletion History</li> <li>Object Activity</li> <li>Permission Denied Activity</li> <li>Sensitive Column Activity</li> <li>Server Activity Report Card</li> <li>Server Login Activity Summary</li> <li>Table-Data Access by Rowcount</li> <li>User Activity History</li> </ul> | <ul style="list-style-type: none"> <li><b>Change History (by object)</b><br/>List security changes for specified objects.</li> <li><b>Daily Audit Activity Statistics</b><br/>Provides summary audit statistics per day.</li> <li><b>DML Activity (Before-After)</b><br/>Lists DML events for which before and after data is available.</li> <li><b>Integrity Check</b><br/>List all integrity check violations.</li> <li><b>Login Deletion History</b><br/>List all login deletion activity.</li> <li><b>Permission Denied Activity</b><br/>Lists all activity for which permission was denied.</li> <li><b>Server Activity Report Card</b><br/>Shows Server Activity Report Card.</li> </ul> | <ul style="list-style-type: none"> <li><b>Change History (by user)</b><br/>List security changes performed by specified users.</li> <li><b>Database Schema Change History</b><br/>List all schema changes made to specified databases.</li> <li><b>Host Activity</b><br/>List all activity for specified hosts.</li> <li><b>Login Creation History</b><br/>List all login creation activity.</li> <li><b>Object Activity</b><br/>List all activity for specified objects.</li> <li><b>Sensitive Column Activity</b><br/>Lists every time a sensitive column was accessed.</li> <li><b>Server Login Activity Summary</b><br/>Lists login statistics per server with per login details.</li> </ul> |
| <ul style="list-style-type: none"> <li>Explore Activity</li> <li><b>Audit Reports</b></li> <li>Administration</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>Reporting Services</b> <ul style="list-style-type: none"> <li><b>Deploy Reports</b><br/>Deploy reports and linked reports to Reporting Services 2005 or later.</li> <li><b>View Deployed Reports</b><br/>View deployed reports hosted by Reporting Services 2005 or later.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

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

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