

Compare Records by Table/Condition

Gold

Compare Records by Table/Condition allows you to compare records from ServiceNow with a database by specifying the table you want to compare and any specific conditions. This is useful if you have multiple dynamic and/or bulk shares on the same table and want to verify that the cumulative sharing of records is captured properly in the database.

This feature will also allow you to compare deleted records over a specified time frame to verify all records deleted from the table during that time were deleted from the database.

Procedures

To get started with comparing records by table with optional conditions, follow these procedures:

1

Access Compare Records by Table/Condition

Navigate to **Perspectium > DataSync > Tools**. Click **Table Compare: ServiceNow to Database**. Then, click **Compare Records by Table/Condition**.



Table Compare



Audit Shares

Compare the records shared by bulk/dynamic shares with the records in your database



Compare Records by Table/Condition

Compare the records that satisfy specified conditions with the same records in your database



Legacy Table Compare: ServiceNow to Database

Compare the records in tables from one ServiceNow instance with the same records in your database

2

Use the Condition Builder to compare inserted/updated records

The condition builder section will be used to check for records that should exist in the target database.

Select a table in the **Choose Table** dropdown. Create a condition with the condition builder or leave it blank to select all records from the chosen table. Then, click **Add** to add the table and condition to the active table compare configuration.



← Compare Records by Table/Condition

To compare tables in your instance with the tables in another database, you can use table compare with conditions and/or time frame. With the condition builder, you can create conditions for one or more tables to compare records that should exist in the target database. With time frame, you can select the period when the records were deleted to compare records that should no longer be in the target database.

Condition Builder ⓘ

Click the dropdown to choose a table

Choose Table: incident

Preview

Clear All

All of these conditions must be met

Active is true

OR AND

New Criteria

Add

Time Frame ⓘ

From: 2020-07-17 15:55:36

To: 2020-07-17 15:55:36

Choose a Target Queue:

The queue that is consumed by your DataSync Agent

Run Table Compare Schedule Table Compare

Previous Table Compare Executions

Compared At	Records Not Found in Target	Records Not Deleted In Target	Records Compared	Status
2020-07-17 11:09:13	0	0	1381	Completed

3

Use the Time Frame to compare delete records

The time frame section will be used to check for deleted records that should **NOT** exist in the target database.

Choose a start and end time in the date picker. The records deleted between these two times will then be checked for in the target database.

NOTE: Receipts must be enabled and dynamic shares with the delete option enabled must be created for the deleted records to be tracked and compared in the database.

← Compare Records by Table/Condition

To compare tables in your instance with the tables in another database, you can use table compare with conditions and/or time frame. With the condition builder, you can create conditions for one or more tables to compare records that should exist in the target database. With time frame, you can select the period when the records were deleted to compare records that should no longer be in the target database.

Condition Builder ⓘ

Choose Table: incident

Preview

Clear All

All of these conditions must be met

Active

is

true

⊖

OR

AND

or

New Criteria

Add

Time Frame ⓘ

Select the time frame for the table compare

From:

2020-07-17 15:55:36

To:

2020-07-17 15:55:36

Choose a Target Queue:

The queue that is consumed by your DataSync Agent

Run Table Compare


Schedule Table Compare

Previous Table Compare Executions

Compared At	Records Not Found in Target	Records Not Deleted in Target	Records Compared	Status
2020-07-17 11:09:13	0	0	1381	Completed

4

Choose a target queue

Click the  icon under **Choose a Target Queue** field. In the Queues popup, choose the shared queue that you want to compare tables with.

5

Run table compare

Click **Run Table Compare** to start executing the table compare. Or, click **Schedule Table Compare** to have the table compare configuration run on a scheduled basis.

← Compare Records by Table/Condition

To compare tables in your instance with the tables in another database, you can use table compare with conditions and/or time frame. With the condition builder, you can create conditions for one or more tables to compare records that should exist in the target database. With time frame, you can select the period when the records were deleted to compare records that should no longer be in the target database.

Condition Builder ⓘ

Choose Table: incident

Preview

Clear All

All of these conditions must be met

Active

is

true

OR

AND

or

New Criteria

Add

Time Frame ⓘ

From:

2020-07-17 15:55:36

To:

2020-07-17 15:55:36

Choose the shared queue that you want to compare tables with

Click the start running your table compare

Click to schedule table compare in a schedule basis

Choose a Target Queue:

The queue that is consumed by your DataSync Agent

Run Table Compare

Schedule Table Compare

Previous Table Compare Executions

Compared At	Records Not Found in Target	Records Not Deleted in Target	Records Compared	Status
2020-07-17 11:09:13	0	0	1381	Completed

Next Steps

[View and Report Table Compare Results](#)

Similar topics

- [Table Compare](#)
- [ServiceNow to ServiceNow Table Compare](#)
- [Update Row Counts](#)
- [Compare Rows](#)
- [Record Missing Locally](#)

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