

Custom Schema Properties

Gold

Custom Schema Properties for DataSync Agent enables you to customize the table names and column names in the target database. This feature allows you to specify custom prefixes or suffixes.

blocked URL NOTE: Custom names are customized at a global level for all tables that you select to use this feature for. You cannot specify different custom prefixes or suffixes for different tables.

Prerequisites

⚠ First, you will need to either [set up DataSync for ServiceNow manually](#) or [install the DataSync for ServiceNow app](#).

blocked URL Second, you will need to have both the DataSync Agent and DataSync versions to be in Fluorine Plus and above.

⚠ Lastly, to use **DV tag suffix**, you will need to check **Enable Replicator to add display value fields (prefixed with 'dv_')** for **reference and choice fields**. Navigate to **Perspectium > Replicator > Properties**.

Procedure

To customize database schema's table names and column names, follow these steps:

1

Navigate to Dynamic Share or Bulk Share

Log into your sharing ServiceNow instance and navigate to **Perspectium > Replicator > Bulk Share** or **Dynamic Share**

blocked URL NOTE: [Bulk share](#) or [dynamic share](#) DOES NOT need to be set up first before setting up the custom schema properties. The custom schema properties will apply as long as it is set up BEFORE share starts.

2

Enable the Use Custom Table Name and/or Use Custom Column Name options

Check the **Advanced** box to access the custom schemas options. Then, check the **Use Custom Table Name** box and/or **Use Custom Column Name**.

By default, the `_dv` tag is added in front of the reference field name. To include the `_dv` tag after the reference field name, check the **Change to DV Tag Suffix** box.

NOTE: If **Change to DV Tag Suffix** is already selected and display values are disabled, the previous value will be saved. The setting will be honored after display values are enabled.

The screenshot shows the 'Replicator Configuration - translated custom ds [Shared view]' page in ServiceNow. The 'Advanced' tab is selected, displaying various settings. A red arrow points to the 'Advanced' checkbox, which is checked, with the text 'Check to access advanced options'. Another red arrow points to a box containing three checkboxes: 'Use Custom Table Name' (checked), 'Use Custom Column Name' (checked), and 'Change to DV Tag Suffix' (checked), with the text 'Check to start using custom schemas'.

Setting	Status
Advanced	Checked
Use Custom Table Name	Checked
Use Custom Column Name	Checked
Change to DV Tag Suffix	Checked

3

Access the custom schema properties

Navigate to **Perspectium > Replicator > Custom Schema Properties**.

4

Enter the custom names

Include a maximum length for the table name in the **Max Length** field. The **Max Length** will include the lengths of the table names or column names, **Prefix**, **Suffix**, and **_dv** tag.

Type a word in the **Prefix** field to add in the front of table names or column names. Then, type a word in the **Suffix** field to add in the end of table names or column names. Both **Prefix** and **Suffix** words should follow the xml syntax rule.

blocked URL NOTE:

- Once configuring custom table, the main table will always have the prefix.
- In MySQL, to avoid reaching the [maximum row size](#), only customize column names for existing tables in the database.

blocked URL WARNING: If you send records with a custom name, the database will create new columns for the table. If you change this custom name property after the new columns have been created, the database will create a new column and show NULL in the previously created custom column for any records sent after you change the property.

5

Save your changes

Click **Save Changes** in the bottom of the form to save the changes to your custom schema properties.

The screenshot shows the 'Custom Schema Properties' form in ServiceNow. The form is divided into two main sections: 'Table Name' and 'Column Names'. Each section contains three input fields: 'Max Length', 'Prefix', and 'Suffix'. In the 'Table Name' section, the 'Prefix' field is populated with 'custom_' and the 'Suffix' field is populated with '_table'. In the 'Column Names' section, the 'Prefix' field is populated with 'custom_' and the 'Suffix' field is populated with '_col'. A 'Save Changes' button is located at the bottom right of the form. The left sidebar shows the navigation menu with 'Perspectium' > 'Replicator' > 'Custom Schema Properties' selected.

Similar topics

- [Set up DataSync Agent to share to HP Vertica](#)
- [Database indexes](#)
- [Set up DataSync Agent to share to MySQL](#)
- [DataSync for ServiceNow \(Replicator\)](#)
- [Get started with the DataSync Agent](#)

Contact Perspectium Support



US: 1 888 620 8880

UK: 44 208 068 5953

support@perspectium.com