

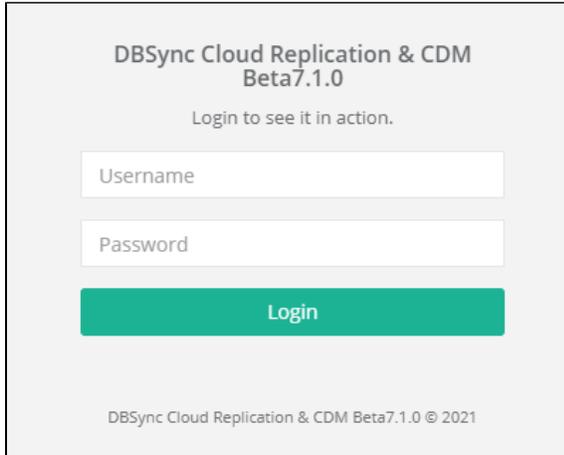
Database Setup

Start with the database setup tab, to fill all the necessary details and follow the same procedure for testing and validating your database credentials.

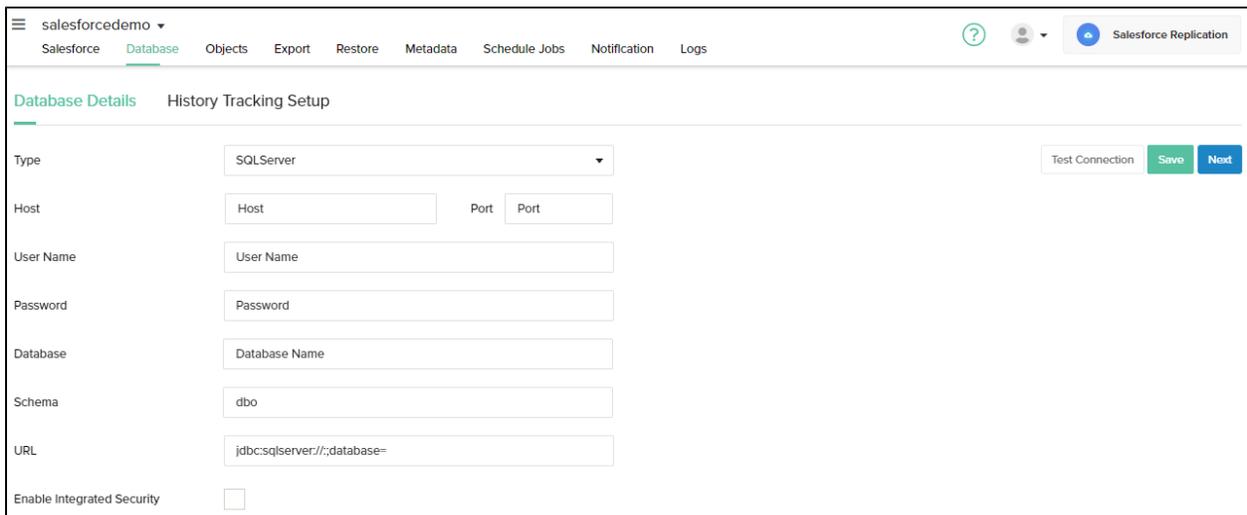
Follow these steps to configure your database credentials with different databases like MySQL, SQL Server, Oracle, DB, PostgreSQL, Cassandra, AWS Redshift, Snowflake, Sybase, and MongoDB.

To set up you salesforce instance follow the steps below:

- Login to DBSync Cloud Replication instance



- Configure Database



- Click Database icon from the top-navigation toolbar
- To start with database credentials the user has to enter all the configuration details like host, port, username, password, database name, and schema.
- Once, all the details entered by the user then URL details will get auto-filled.

Database Details History Tracking Setup

Type Test Connection

Host Port

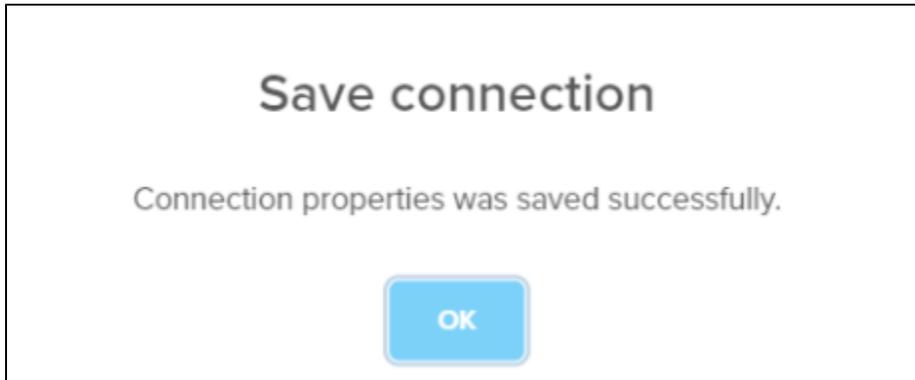
User Name

Password

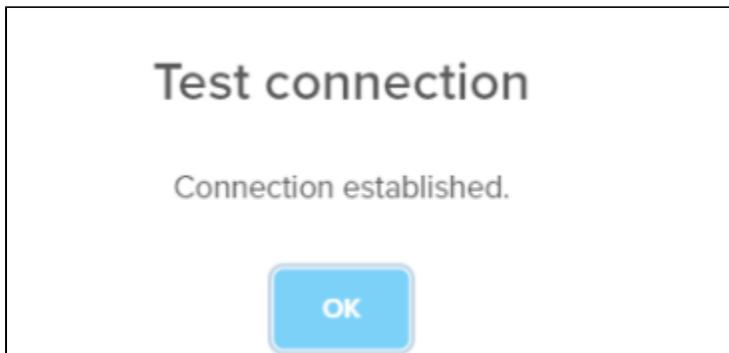
Database

URL

- Click Save
- A pop-up confirming the Connection is Saved will appear on the screen



- Click Test Connection
- A pop-up confirming the connection is established will appear on the screen.



- Click Next
- You will be redirected to configure salesforce objects

Note:

Advance Settings:

This Tab primarily focuses on 3 advanced settings:

1. **File Download**

Advanced Settings ^

File Download Prefix Setting Auto Rename Columns

Download as Local Files Download Attachments/Document/Content version as local files.

Download Files to Directory

Keep Multiple Version of Files Keep multiple version of files when downloading (Will rename older version before downloading new ones).

- Click the checkbox next to download as local files to download into your local system
- The URL for download file directory is provided
- Click the checkbox next to Keep Multiple Version of Files this will assist in keeping multiple version of the files when downloading (Will rename older version before downloading new ones)

2. Prefix settings:

- Include a prefix if required and enter the prefix details in the table below which will get populated into the database.

File Download **Prefix Setting** Auto Rename Columns

Table Prefix

Column Prefix

3. Auto rename columns Settings:

- This setting is used when you have objects or tables with more number of characters than the limit which is allowed by the database. For eg: Oracle Database allows for only 30 characters in custom fields of Salesforce and any characters exceeding that will get dropped automatically in your database. To avoid this, activate this setting in your DBSync Cloud Replication instance where any extra characters can be truncated and replaced with recognisable characters to differentiate between same database names.
- Click the check box next to enable auto rename columns and it will automatically update names of any objects in your Salesforce instance to be within the character limit to avoid deletion.

File Download Prefix Setting **Auto Rename Columns**

Enable Auto-Rename of Columns In case of duplicate column names, based on database character limit, unique suffix will be added automatically.
For instance, Oracle has 30 characters limit on columns. Given the circumstance, this checkbox helps in renaming these columns with the suffix '_00Number' automatically in the database. But the column names can be viewed under objects table with the pre-defined name.

Salesforce Custom Formula field	After Auto-Rename of Columns in DB
SalesforceCustomeFieldwithFormulaValue_amount1	SalesforceCustomeFieldwith_001
SalesforceCustomeFieldwithFormulaValue_amount2	SalesforceCustomeFieldwith_002

Note:

- While replicating with Cassandra, please refer to the following wiki link for specific details on Replication with Cassandra. <http://help.mydbsync.com/docs/display/CloudReplication/3+-+Big+Data+Support>
- While replicating with Amazon Redshift database, please refer to the following wiki link for specific details on Replication with Amazon Redshift. <http://help.mydbsync.com/docs/display/CloudReplication/Amazon+Redshift>