

# Starting Database Replicate

## Source Setup

- Select the Type of database to which you wish to replicate .
- To start with, the database credentials of the user are required such as Host, Port, Username, Password, Database name, and Schema.
- Based all the details entered by the user, URL field gets auto-filled.

The screenshot shows the 'Source Setup' form in the DBSync Cloud Replication & CDM 7.8.4beta\_11 interface. The form is titled 'test' and has tabs for 'Source DB', 'Target DB', 'Objects', 'Schedule Jobs', 'Notification', and 'Logs'. The 'Source DB' tab is active. The form contains the following fields:

- Type: MySQL (dropdown)
- Host: staging-db.avankia.com
- Port: 3306
- Username: dbsync
- Password: (masked with asterisks)
- Database: TestingTeam
- URL: jdbc:mysql://staging-db.avankia.com:3306/TestingTeam

Buttons: Test Connection, Save, Next. The interface also shows a 'DEVELOPER' badge and a 'SaaS Replication' button.

Now click on **Next** to Set Up target instance

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The screenshot shows the 'Source Setup' form in the DBSync Cloud Replication & CDM 8.1 interface. The form is titled 'sqltomysql' and has tabs for 'Source', 'Target', 'Objects', 'Schedule Jobs', 'Notification', and 'Logs'. The 'Source' tab is active. The form contains the following fields:

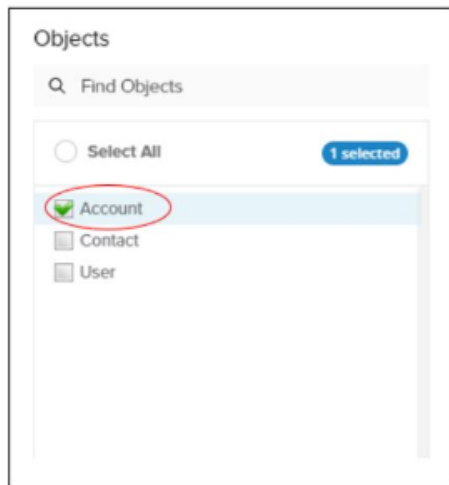
- Type: MySQL (dropdown)
- Host: localhost
- Port: (empty)
- Username: root
- Password: (masked with asterisks)
- Database: test
- URL: jdbc:mysql://localhost/test

Buttons: Test Connection, Save, Next. The interface also shows an 'ENTERPRISE' badge and a 'SaaS Replication' button.

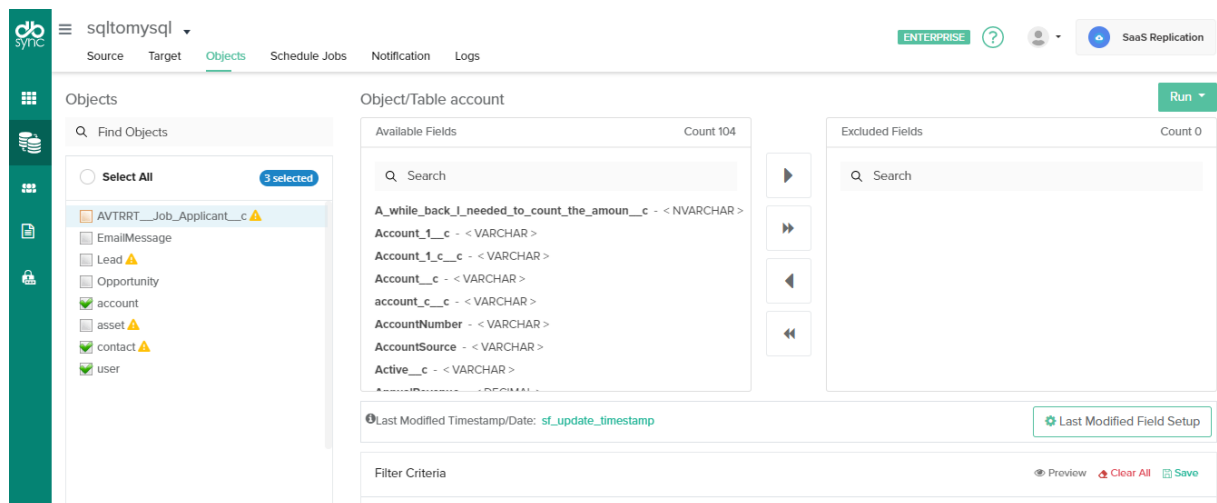
Now click on **Next** to select the Objects

## Object Selection & Run Command

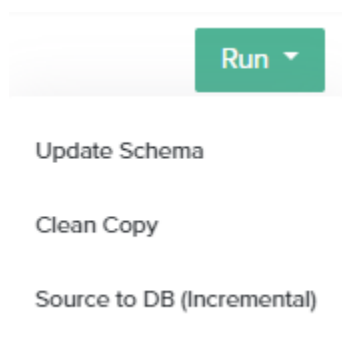
- Once, a user has connected to Source then objects will get synced and it will show on the objects tab.
- Select any Object to sync into the Target database objects table section as shown below.



- Select the object fields you want to sync into the database from the "Available Fields" section and use the "exclude fields" section to filter out fields you don't want to sync into the database.



- Click the RUN button and select Clean Copy command to get an exact copy of your Salesforce selected objects.



#### Attributes of Run Command

Run Process	Actions Performed
Update Schema	Creates source apps schema into database for the selected source apps objects.
Clean Copy	Inserts a clean copy of Source object records into respective Target database tables & columns.
Source to DB	Performs incremental sync from Source to the database based on the changes/edits made in the Source