

Mismatch in Data Type Size

There is a possibility that Data Type Size of Salesforce field may not match with database field after replication.

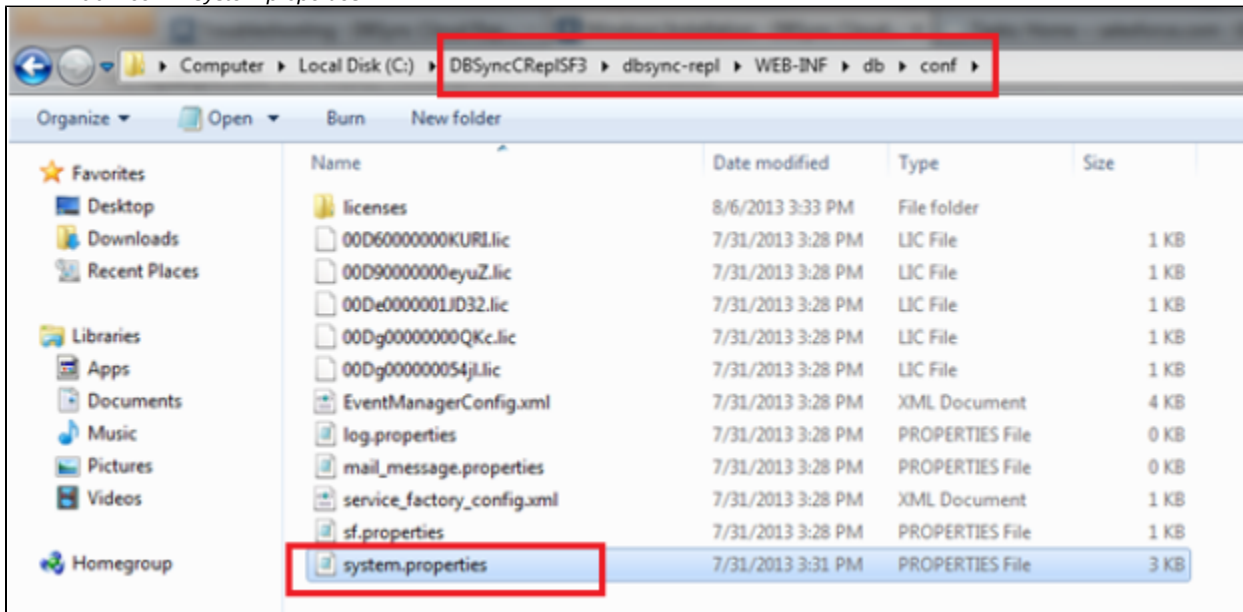
Example:

Salesforce field with API name `Bank_c` and Data Type `Text(255)` is replicated as `Bank_c (nvarchar(765),null)`. Here Data Type of replication is fine but not the Data Size. Data Type size in database is replicated as 765 characters instead of 255 characters.

Solution:

To resolve this issue, the below steps must be followed.

- Download the **latest version (3.0.16.2b)** of the ZIP or EXE file of the DBSync Cloud Replication tool from DBSync website using the URL <http://mydbsync.com/integration/cloud-replication-for-salesforce> (If the latest version of DBSync Cloud Replication is already installed, this step must be ignored).
- System Properties must be accessed from the installation folder `DBSyncCReplSF3`. The following path can be referred `dbsync-repl > WEB-INF > db > conf > system.properties`



- Open System.properties, at the end of the file identify the below mentioned commands as shown in the screen capture.

```
data structure matchup to DBAMP
for multibyte use nchar(8), for single byte use char(8)
force.id=nchar(18)
force.date=datetime2(7)
force.datetime=datetime2(7)
```

```
# data structure matchup to DBAMP
# for multibyte use nchar(8), for single byte use char(8)
#force.id=nchar(18)
#force.date=datetime2(7)
#force.datetime=datetime2(7)
```

- Uncomment these commands as shown in the screen capture.

```
data structure matchup to DBAMP
for multibyte use nchar(8), for single byte use char(8)
force.id=nchar(18)
force.date=datetime2(7)
force.datetime=datetime2(7)
```

- Save System.Properties & restart the server before running the replication. After replication Data Type Size in Database will be same as Salesforce.