5. Salesforce Field Selection

DBSync Replication (Source to DB) allows choosing only the required fields for replication. There is an option to select only the required fields (including fields) and there is also an option to eliminate the unwanted fields (excluding fields).

'Salesforce Sync Object Details' tab in DBSync Cloud Replication shows Salesforce objects & fields name. Based on the requirement appropriate **objects & fields** must be selected either to exclude or include. Selection process is explained below with example.



Example to include required fields only:

Step 1: Salesforce Account Details are as shown below. Let us replicate only Name, Type, Fax & SLA fields into database.

Step 2: In DBSync Cloud Replication, under 'Sales Sync Object Details' Tab, select 'Account'. Move all the API names from *Available Fields to Exclude Fields using* >>.

		Object Table Assessed			_
🖀 Home		Object/Table Account			Run 👻
 ✓ Profile ▲ Salesforce Setup ➡ Database Setup ◆ Advanced Settings ➡ Objects ② Export ③ Schedule Jobs 	 AVSFQ8_Invoices_Chang AVSFQ8_Invoices_c AcceptedEventRelation Account AccountChangeEvent AccountCleanInfo AccountContactRole AccountFeed AccountFistory AccountFartner AccountFartner 	Available Fields AVSFQB_Shipping_State_c - < VARCHAR > AVSFQB_Shipping_Zip_c - < VARCHAR > AVSFQB_Terms_c - < VARCHAR > BillingCountry - < VARCHAR > BillingCountry - < VARCHAR > BillingGeocodeAccuracy - < VARCHAR > BillingLatitude - < DECIMAL > BillingLongitude - < DECIMAL > BillingState - < VARCHAR > BillingStreet - < CLOB >	Count: 83	Excluded Fields AVSFQB_Billing_Address_c - < CLOB > AVSFQB_Billing_City_c - < VARCHAR > AVSFQB_Billing_Country_c - < VARCHAR > AVSFQB_Billing_State_c - < VARCHAR > CleanStatus - < VARCHAR > CreatedById - < VARCHAR > CreatedDate - < TIMESTAMP >	Count: 7
	 ActionLinkGroupTemplate ActionLinkTemplate ActivityHistory AdditionalNumber AggregateResult Announcement ApexClass ApexComponent ApexLog ApexPage 	CustomerPriority_c - <varchar> DandbCompanyId - <varchar> Date_c - <date> Description - <clob> DunsNumber - <varchar> Filter Criteria</varchar></clob></date></varchar></varchar>	•		Preview

Step 3: Select Name, Type, Fax & SLA_c (API name for SLA field{_}) in Exclude Fields (Ctrl key must be used to select all these at once) and move this to available fields (using <). Save the selection and *run *the Replication Source to DB.

My Account 🗸	DBSync Cloud Replication & CDM		(🔊 Wiki 🕩 Log out 📲	
# Home	Objects 1 selected	Object/Table Account			Run v
🗲 Profile	 AcceptedEventRelation Account 	Available Fields	Count 63	Excluded Fields	Update Schema
Salesforce Setup	AccountChangeEvent	AccountNumber - < VARCHAR > AccountSource - < VARCHAR > Active_c - < VARCHAR >			SOURCE to DB
Database Setup Advanced Settings	End AccountContactRole End AccountFeed	AnnualRevenue - < DECIMAL > BillingCity - < VARCHAR > BillingCountry - < VARCHAR >			DB to SOURCE
🖸 Objects 숀 Export	AccountHistory E AccountPartner AccountPartner	BillingGeocodeAccuracy - < VARCHAR > BillingLatitude - < DECIMAL > BillingLatitude - < DECIMAL >			
Snapshots	Accountshare Accountshare AccionLinkGroupTemplate AccionLinkTemplate	BillingPostalCode - < VARCHAR > BillingState - < VARCHAR >	"		
 Schedule Jobs Logs 		BillingStreet - < CLOB > CleanStatus - < VARCHAR > CreatedById - < VARCHAR >			
	 □ ■ AggregateResult □ ■ Announcement □ ■ ApexClass 	CreatedDate - < TIMESTAMP > CustomerPriority_c - < VARCHAR >	•		
		Filter Criteria			Preview

Step 4: Confirm in Tomcat that replication was successful. Database will have only Name, Type, Fax & SLA_c columns along with DO_SYNC_FLAG and other Id columns.

Example to exclude selected fields only:

Step 1: Salesforce Account Details are as shown below. Let us replicate all the fields in the Accounts Object except Billing Street and Billing City fields.

Step 2: In DBSync Cloud Replication, under 'Sales Sync Object Details' Tab, select 'Account'. Move Billing Street and Billing City fields from Available Fields to Exclude Fields using -> button. Save the selection and run the Replication Source to DB.

My Account 🗸	■ DBSync Cloud Replicatio	on & CDM		G)Wiki 🗣 Log out 📰
# Home	Objects 1 selected	Object/Table Account			Run 🕶
🗲 Profile	 AcceptedEventRelation Account 	Available Fields AccountNumber - < VARCHAR >	Count 63	Excluded Fields	Clean Copy
 Salesforce Setup Database Setup Advanced Settings Objects Export Snapshots Schedule Jobs Logs 	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	AccountSource - <varchar> Active_c - <varchar> AnnualRevenue - < DECIMAL > BillingCountry - <varchar> BillingCountry - <varchar> BillingCountry - <varchar> BillingLatitude - < DECIMAL > BillingDostalCode - <varchar> BillingDostalCode - <varchar> BillingState - <uarchar> BillingState - <uarchar> BillingStreet - <ucd8> CleanStatus - <varchar> CreatedByld - <varchar></varchar></varchar></ucd8></uarchar></uarchar></varchar></varchar></varchar></varchar></varchar></varchar></varchar>	> < >> «		SOURCE to DB DB to SOURCE
	AggregateResult M Announcement M ApexClass M ApexComponent M ApexEmailNotification M ApexLog	CreatedDate - < TIMESTAMP > CustomerPriority c - < VARCHAR > Filter Criteria	•		Preview

Step 3: Confirm in Tomcat that replication was successful. Database will have all the accounts field columns along with DO_SYNC_FLAG and other Id columns except Billing Street & Billing City Columns.