

Filter Criteria

Filter Criteria in DBSync Cloud Replication can be used if replication from Salesforce to Database has to be done with certain conditions. Filter Criteria must be specified using **SOQL**. The detailed illustration with example is shown below.

- 'Accounts' object in Salesforce is as shown below and the same needs to be replicated to database only when the **Type is 'Customer – Direct' and SLA is 'Silver'**.
- In this scenario Type and SLA picklists with various options are as shown.
- In DBSync Cloud Replication, **Filter Criteria** is available under **Salesforce Sync Object Details** tab.

The screenshot displays the DBSync Cloud Replication interface. On the left, a sidebar contains navigation links: Home, Profile, Salesforce Setup, Database Setup, Advanced Settings, Objects (selected), Export, Schedule Jobs, and Logs. The main area is divided into three panels. The 'Objects' panel on the left shows a list of Salesforce objects, with 'Account' selected and marked with a green checkmark. The 'Object/Table Account' panel in the center shows a list of available fields for the 'Account' object, including AVSFQB_Shipping_State__c, AVSFQB_Shipping_Zip__c, AVSFQB_Terms__c, BillingCity, BillingCountry, BillingGeocodeAccuracy, BillingLatitude, BillingLongitude, BillingPostalCode, BillingState, BillingStreet, CustomerPriority__c, DandbCompanyId, Date__c, Description, and DunsNumber. The 'Excluded Fields' panel on the right shows a list of fields that have been excluded from the replication, including AVSFQB_Billing_Address__c, AVSFQB_Billing_City__c, AVSFQB_Billing_Country__c, AVSFQB_Billing_State__c, CleanStatus, CreatedById, and CreatedDate. The 'Filter Criteria' section at the bottom is currently empty.

- SOQL must be used to meet the required criteria. **API name** must be used in SOQL. **Filter Criteria** must be **saved** before running the replication.
- After successful run, Accounts data from Salesforce, only of type 'Customer – Direct' and SLA 'Silver' will be replicated to database.
- Similarly various SOQL can be used to meet the requirement.