

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 sections. The 'Objects' section on the left lists various Salesforce objects, with 'Account' selected and marked with a green checkmark. The 'Object/Table Account' section on the right shows a list of 'Available Fields' (Count: 83) and a list of 'Excluded Fields'. The 'Available Fields' list includes: AVSFQB_Shipping_State__c - < VARCHAR >, AVSFQB_Shipping_Zip__c - < VARCHAR >, AVSFQB_Terms__c - < VARCHAR >, BillingCity - < VARCHAR >, BillingCountry - < VARCHAR >, BillingGeocodeAccuracy - < VARCHAR >, BillingLatitude - < DECIMAL >, BillingLongitude - < DECIMAL >, BillingPostalCode - < VARCHAR >, BillingState - < VARCHAR >, BillingStreet - < CLOB >, CustomerPriority__c - < VARCHAR >, DandbCompanyId - < VARCHAR >, Date__c - < DATE >, Description - < CLOB >, and DunsNumber - < VARCHAR >. The 'Excluded Fields' list includes: AVSFQB_Billing_Address__c - < CLOB >, AVSFQB_Billing_City__c - < VARCHAR >, AVSFQB_Billing_Country__c - < VARCHAR >, AVSFQB_Billing_State__c - < VARCHAR >, CleanStatus - < VARCHAR >, CreatedById - < VARCHAR >, and CreatedDate - < TIMESTAMP >. Below these lists is a 'Filter Criteria' section, which 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.