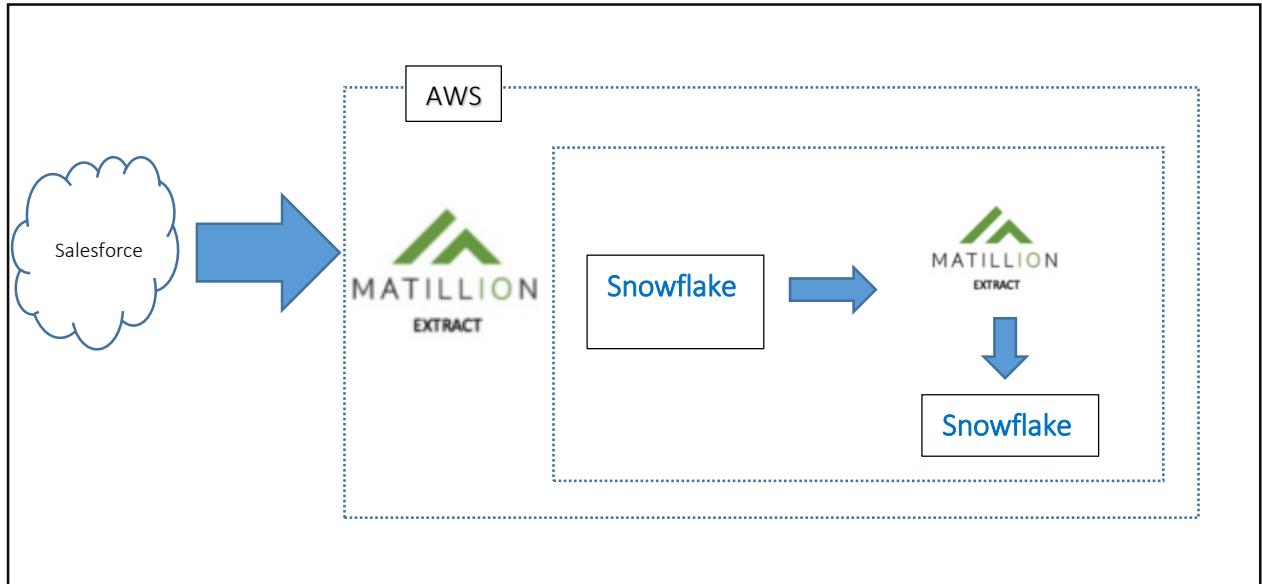


Integration of salesforce into snowflake

ETL architecture for data migration from source system namely Sales Force to Snowflake staging layer and will further be enhanced for EDW schema (target). Matillion is considered for ETL implementation.

1. Solution Diagram



2. Solution Description

Solution to achieve read from Salesforce and load in SQLDB can be done in 2 steps:

Step 1- Data extraction from source to stage

Step 2- Transform data from stage to EWH

| Salesforce Objects | Stage Objects | EDW Objects |
|---|--|--|
| Account Order User | <ul style="list-style-type: none">• Stage_Account (truncate and load)• Stage_Order (truncate and load)• Stage_User (truncate and load) | <ul style="list-style-type: none">• Dim_Account (SCD Type 1)• Fact_Order (aggregation at user,account,dim_date level)• Dim_User (SCD Type 2)• Dim_Date (SCD Type 0) |
| Load Type – FULL and Incremental for Account, User and Order. Dim date – One time | | |
| Other requirement – Config table, Error Logging and Audit (in Table) Alert/ Notification | | |