

## DB To Salesforce order migration



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# Agenda

- To review and understand the document thoroughly
- To Migrate the static data to the Salesforce object
- Run and deploy the flow using any point studio
- Test the flow and move the data to Salesforce account



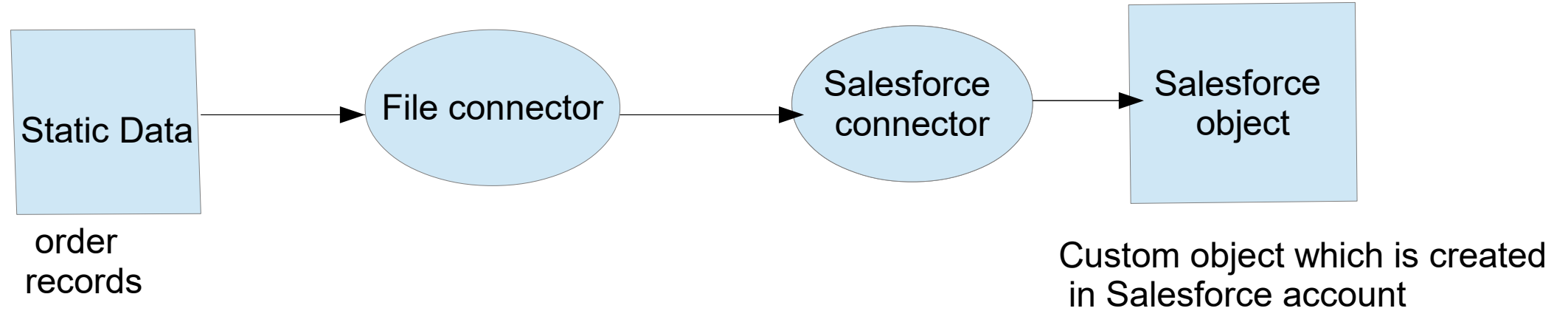
## **Technologies Used:**

- 1)Any point studio (mule 4 version)
- 2)Salesforce account
- 3)MySQL database

### **Note:**

In this flow I used static data as input to perform the migration using file connector without using the database

## Use Case and Flow scenario:



## Steps to Execute the Flow:

- > Download the template from any point platform and import it into the anypoint studio
- > Create a Salesforce account and generate a security token
- > In Salesforce Account, click on object manager and create a Custom object with custom fields.
- > In Anypoint studio Add the HTTP configurations and Salesforce Connector configuration and test the connection.

```
sfdc.username=ajaynandamudi@mss.com  
sfdc.password=Miracle@321  
sfdc.securityToken=J4kLN1IDm1lyfcxxdMV8wBbWlA
```

```
1 # Properties to be used across all the environments.  
2  
3 # Application Configuration  
4 http.port=8081  
5 aggregator.size=2000
```

- In Transform message component add metadata and do mapping with Salesforce object

```

Output Payload ▾ ⚙️ 🗑️ ! 1 issue found
1 %dw 2.0
2   output application/java
3   ---
4
5 {
6   Name:payload.OrderNumber,
7   Account_Name__c:payload.AccountName,
8   Order_Amount__c:payload.OrderAmount,
9   Order_Start_Date__c:payload.OrderStartDate,
10  Status__c:payload.Status,
11  Contract_number__c:payload.ContractNumber
12
13 }

```

- Run the flow and check the console whether it is deploy or not

```

INFO 2020-11-20 20:27:00,300 [Miracle Software Systems] org.mule.runtime.core.api.logging.Logger:
*****
- - + DOMAIN + - - * - - + STATUS + - - *
*****
default * DEPLOYED *
*****

*****
- - + APPLICATION + - - * - - + DOMAIN + - - * - - + STATUS + - - *
*****
template-sap-sfdc-order-migration * default * DEPLOYED *
*****

```



- If the flow is successfully deployed test the flow using Postman with HTTP Listener endpoint
- Check the Salesforce account to check the static data input is migrated into Salesforce object successfully



## Use case Of the Template:

- The Template main aim is to migrate the orders from database to Salesforce

### Flow Explanation:

- The Database backend system is used as a source of data. The DataBase connector is used to send and receive the data from database backend
- The flow is triggered by a HTTP listener connector that receives the migration request. By giving Static Response as input. These orders are input for business logic which are transformed into salesforce orders and then passed to the Batch Process.
- The Batch job process is divided into “process and oncomplete” stages. During the Process stage, the data from the database are created/updated in Salesforce. In oncomplete stage, the template will send data into console and presents the results of flow execution
- Job execution is invoked from endpointsFlow (endpoints.xml).
- During the Process stage, each Account and Order are checked if they already exist in Salesforce.
- Inserted new Accounts into the Salesforce instance if they were not found in the previous step.





# Thank you

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