Building block Configuration Guide
SF EC Job Information Initial Load
June 2022
English

CUSTOMER

SF EC Job Information Initial Load

Content

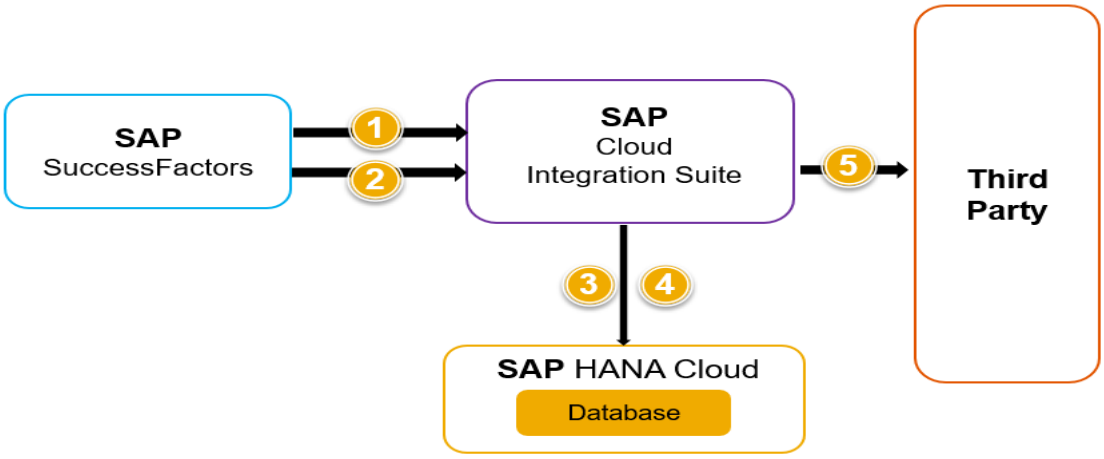
1 Prerequisites

This package is aimed to sync only EmpJob delta changes (create, update and delete) via SAP SuccessFactors ODATA API(lastModifiedDateTime and $filter | SAP Help Portal)

- Unchanged history records should not be returned
- Change of end date should be returned
- Deleted records should be recognized
- Each record should have change flag such as U(Updated), C(Created) and D(Deleted)
- For effective communication with Third Party systems, unique key of each historical record requires
- Each record should have a unique-key(Technical key) which is design to generate by HANA Cloud

This document provides information about configuration steps for iflow SF EC Job Information Initial Load

Initial Load



HANA Cloud Table Structure

Table name : EmpJob

Key Field (selectable/filterable)	Key Field (selectable/filterable)	Key Field (selectable/filterable)	Key Field (selectable/filterable)	Non-Key Field (selectable/filterable)	Non-Key Field(selectable)
userId	startDate	seqNumber	uniquekey	cudKey	Record

HANA Interface should be able to :

- return all records filtered by **userId**
- create or update records with **POST** data
- generate uniquekey

2 Documentation

Steps:

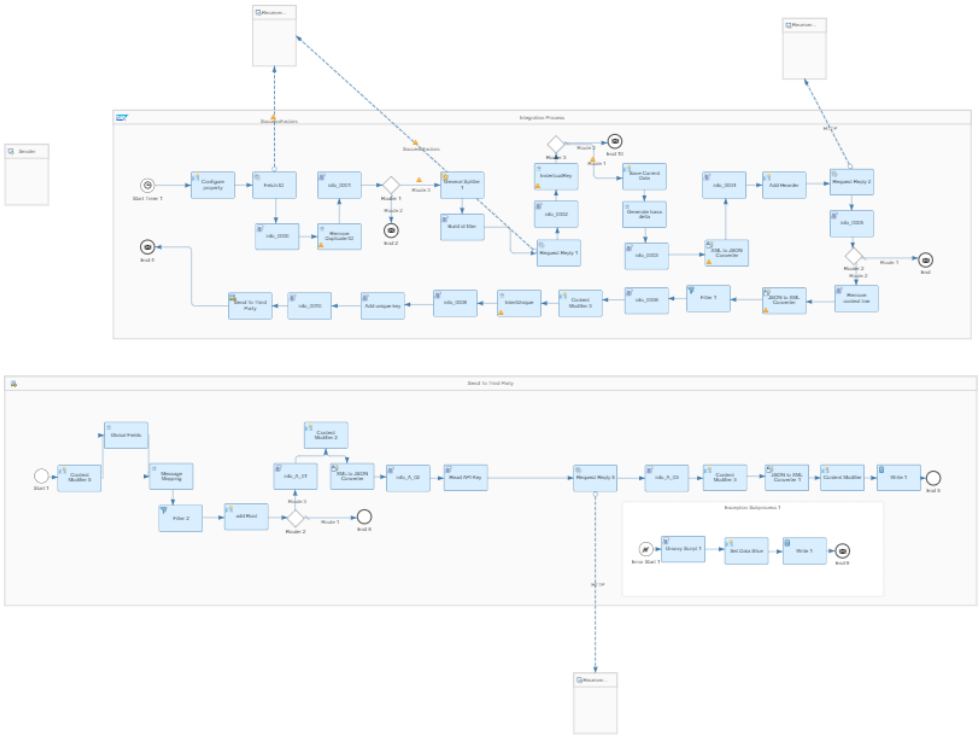
1.Fetch userIds from SF

2.Query data with userIds

3.Insert <action> field and save data to HANA Cloud(as history data)

4. HANA cloud response the unique key to CPI

5. If needed, send data to Third Party



3 Configuration steps on SAP Cloud Integration

Try to define specific section, such as:

- Receiver Configuration
- Sender Configuration
- Cloud Connector Configuration
- Sender System Configuration
- Receiver System Configuration

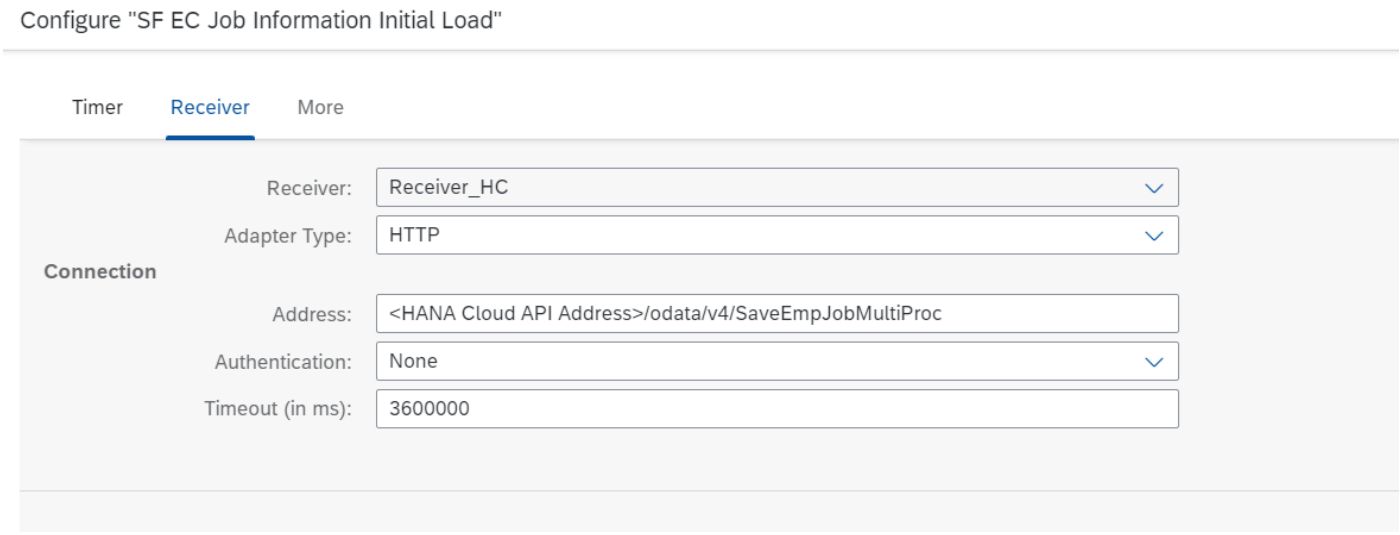
If there are any backend system configuration needed, please describe them here shortly.

3.1 <Configure Sender Adapter>

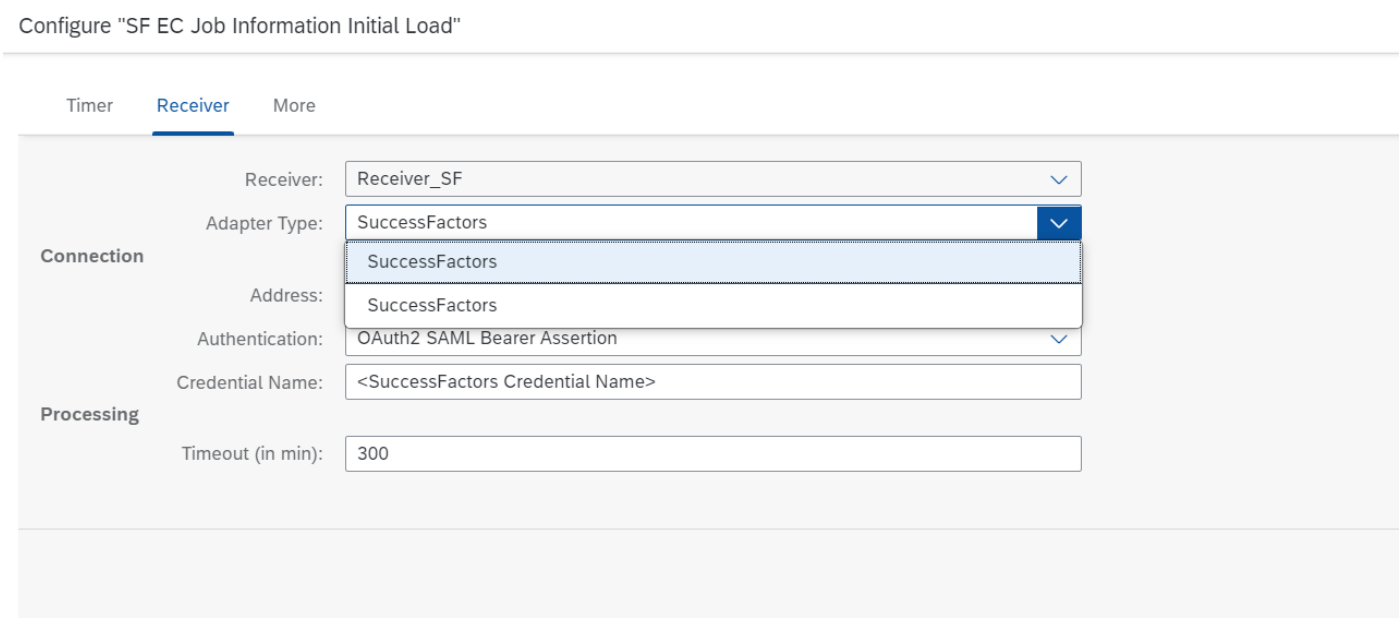
<Describe the configuration steps for the Sender Adapter>

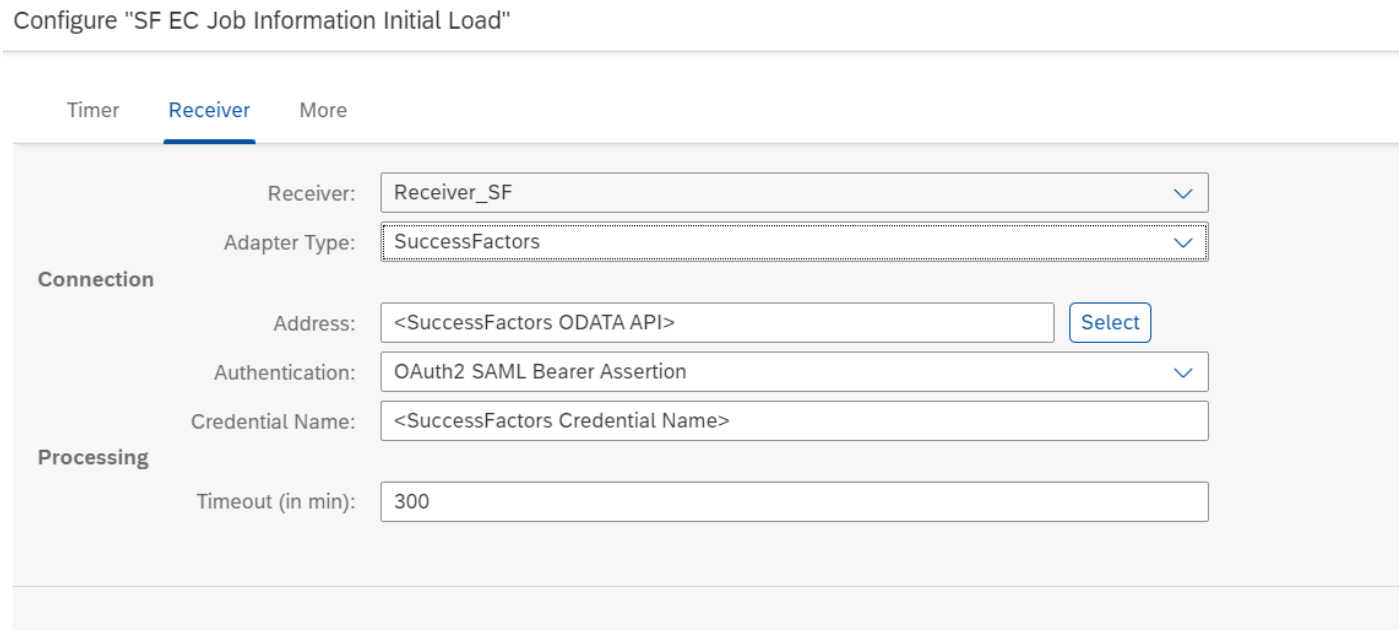
3.2 <Configure Receiver Adapter>

Configure the HANA Cloud HTTP Adapter for Save Data

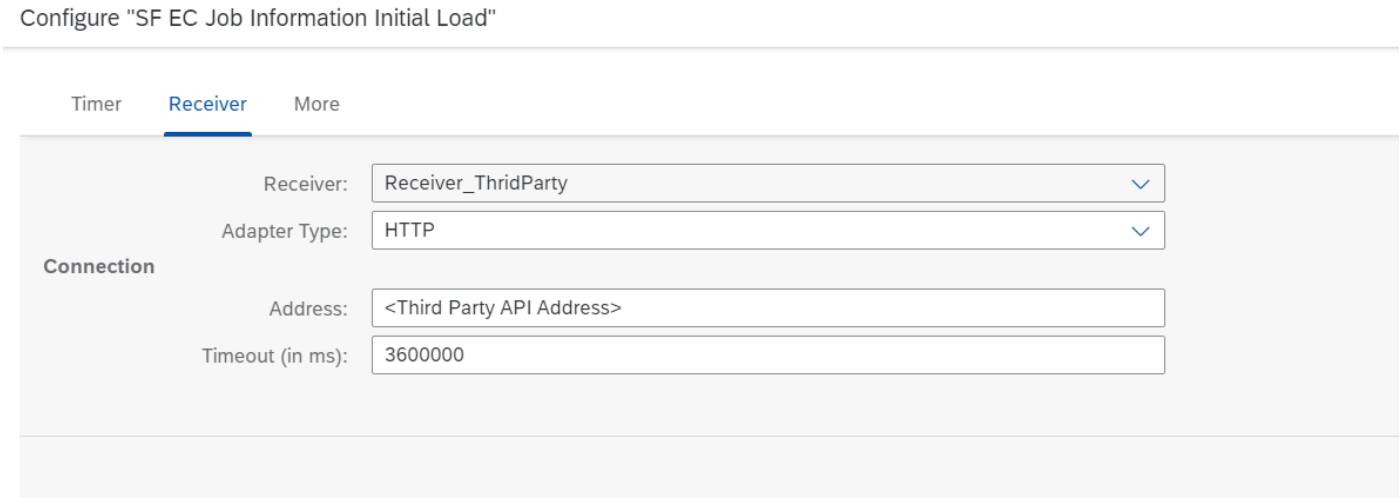


Configure the SF SuccessFactors Adapter for Query userId/Data





Configure the Third Party HTTP Adapter for Receive Data



3.3 <Configure Cloud Connector>

<Describe the configuration steps on the Cloud Connector to connect to OnPremise System >

3.4 <Configure Backend system>

Create the Table in HANA Cloud
Implement the related API to save data in HANA Cloud
Insert link :
https://<HANA Cloud API host address>/odata/v4/SampleMgrV4Service/SaveEmpJobMultiProc

3.5 <Configure More >