Bank Key Replication from SAP ERP or SAP S/4HANA to SAP Successfactors Employee Central and SAP Successfactors Employee Central Payroll

REUSABLE COMPONENT

Contents

1 Requirement

Bank is a generic object (also known as MDF object) in Employee Central system. They are effective dated like any other master data objects in Employee Central system. Bank master data has maintained to correctly maintain bank information on employee payment information portlet.

Going forward EC will become the system of record for employees and organizational management data. An integration will be set up from on-premise SAP S/4HANA system to the SAP Successfactors Employee Central to replicate Bank information. This replication will support the creation/update of the bank keys in SAP Successfactors Employee Central.

SAP Successfactors Employee Central Payroll needs to be configured to receive Bank Master Data in the form of an IDOC.

2 Scope

• Bank master data replication will be triggered from SAP S/4HANA system by sending the data to SAP SuccessFactors Employee Central using the SAP Cloud Integration. The replication uses Application Link Enabling (ALE) and Intermediate Documents (IDOCs) for updating Bank information into EC.

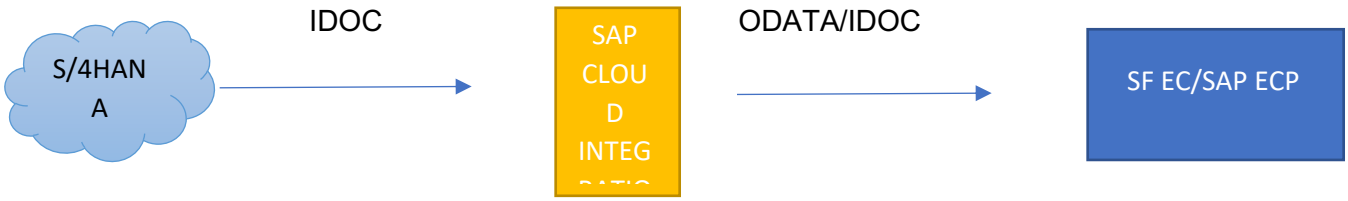
• This integration works on DELTA basis and is enabled for BATCH update

• Initial Bank master data will be uploaded directly into SAP SuccessFactors Employee Central system using 'Bank' object and to SAP SuccessFactors ECP using the same IDOC (IDOC xml file) via SFTP.

• Delta replication will be carried out using a custom program in SAP S/4HANA system. This program has provision for

1. Manual Load
2. Auto Delta load
3. Specific Bank Keys load
4. Employee Bank only load.

It uses SAP standard program RFBANK_ALE (Distribution of the bank master data, TCODE – FI08) which in turn creates the IDOC using the message type "BANK_SAVEREPLICA".



3 Technical Design

3.1 Configuration

3.1.1 SAP S/4HANA Configurations

1. Change Pointers Enable
2. RFC connection to be established
3. ALE Distribution to be set up
4. Custom Report to be used which has manual mode, auto delta mode as well as specific keys mode enabled. It uses standard report RFBANK_ALE internally.
5. TVARVC entries to be maintained which captures last run date and time

3.2 ABAP Code

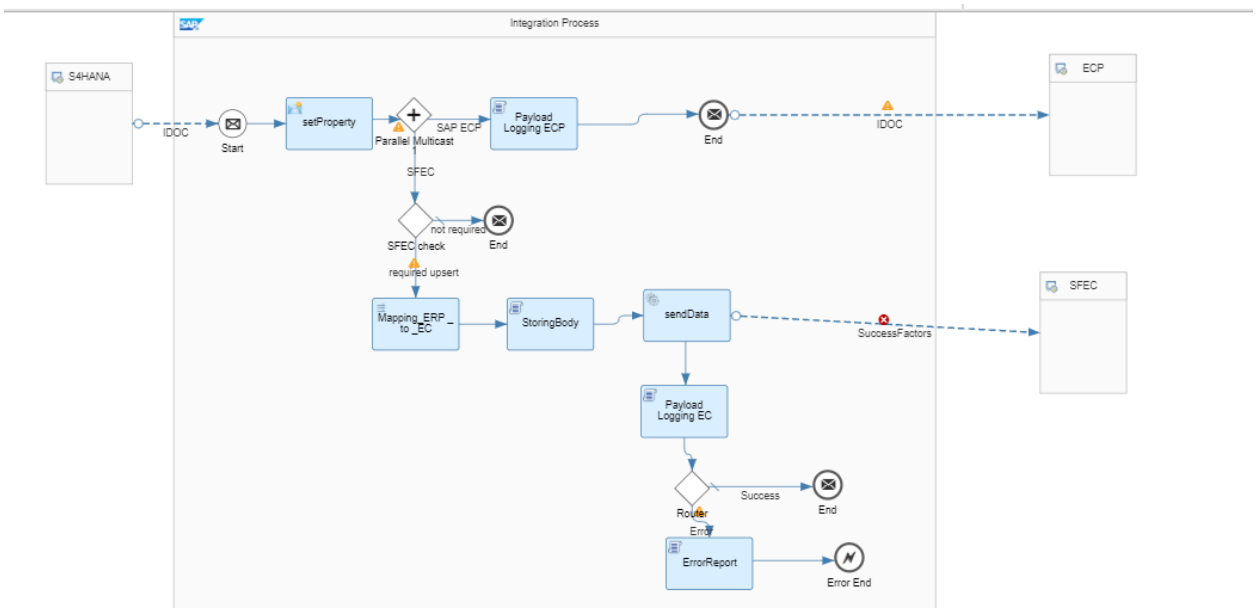
Custom program code has been created in SAP S/4HANA system

3.3 SAP CLOUD INTEGRATION Middleware

SAP CLOUD INTEGRATION Middleware is used to connect from SAP S/4HANA to SAP SuccessFactors Employee Central and SAP SuccessFactors ECP system and below iflow are used for this integration

3.3.1 Iflow

Iflow Name-Bank Keys Replication from S/4HANA To ECP and SFEC



3.3.1.1 External Parameter

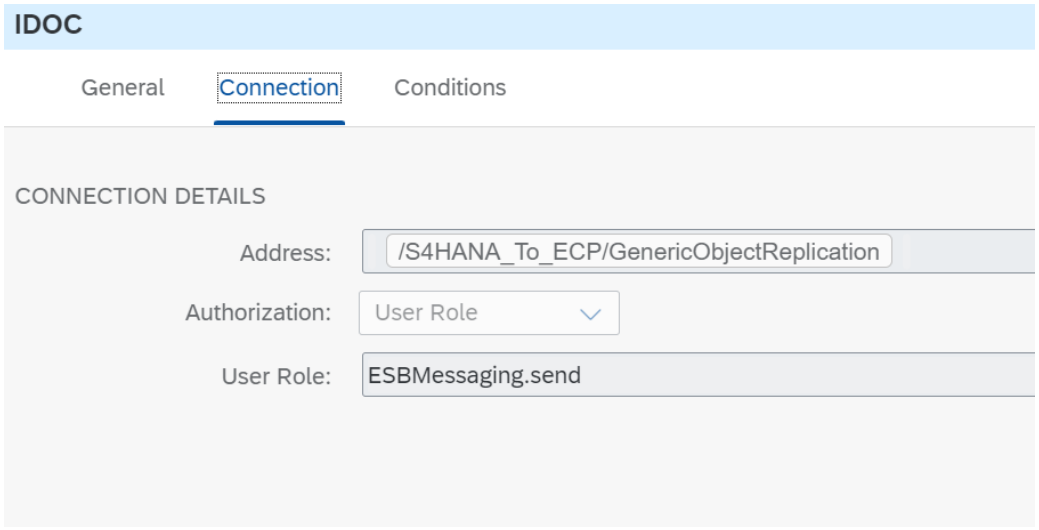
Name	Value	Description of Parameter
S/4HANA		
Address	<Relative End Point address>	<Mention any URL>
SF EC		
Address	<SF EC Address>	SF EC API Address
Credential Name	<SFEC Credentials>	SF EC API Credentials
ECP		
Address	https://<host>:<port>/sap/bc/srt/idoc?sap-client=100	SAP ECP Address
Credential Name	<ECP Credentials>	SF ECP Credentials

3.3.1.2 Scripting

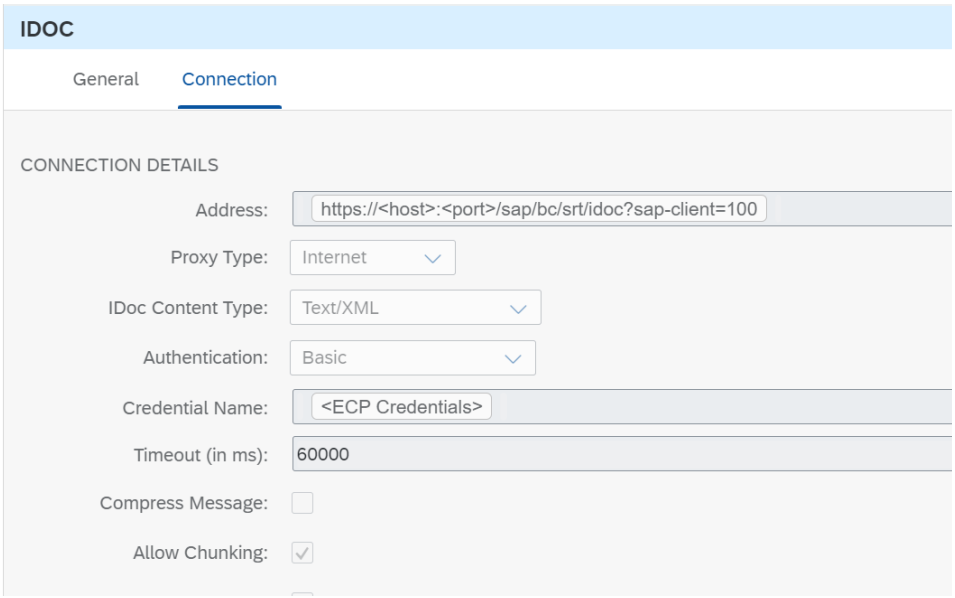
Name	Description
logging.groovy	This Script is used to log payload
ErrorReport	This Script is used to log Error records while upserting in SF EC

3.3.1.3 End Point Configuration

SOAP Sender- IDOC_SND_S/4HANA



IDOC Receiver- IDOC_RCV_ECP



SFEC Receiver- SuccessFactors