

## Employee Master Data Integration from SF EC to Third Party (SAP IDOC)

### Table of Contents

Purpose .....	2
Integration Specification .....	2
External Parameter .....	2
Scripting .....	3
Endpoint Configuration .....	3
Success Factor Receiver-Employee_Central .....	3
HTTP Receiver -Third Party .....	4

## Purpose

In SF EC implementation project when SAP HR was replaced by SF EC. EC become new system of records however some legacy application which were integrated with SAP HR systems still need data HRMD idoc xml format.

Custom groovy script will convert the compound employee API response into HRDM master data idoc format.

## Integration Specification

Iflow Name	EmployeeCentral_EmployeeMasterDelta_To_Thirdparty
Type of Integration (outbound or inbound)	Outbound
Data Source Entities	SF EC
Average Number of Records	500
Maximum number of Records	
Processing Type	Request-Reply
Job Schedule	Will be schedule in SAP CLOUD INTEGRATION
Data Description (xml, comma delimited etc...)	Xml
Target Location	Third Party
	HRMD07(SAP IDOC)

## External Parameter

Name	Value	Description of Parameter
Timer	Specify the time	Time at which iflow what to schedule
Address	<SF EC API Address>	SF EC API address
Credential Name	<SF EC API Credentials>	Credential Name of SF EC
Page Size	100	Data from SF EC will be fetched based on a page size
Timeout	300	
TargetSystem Address	<Target URL>	Address of Target System to which HRMD idoc need to be send
EnableLogging	True/False	Is used to attach payload
FirstRunDate	<Go-Live Date>	FTSD date from this date data will be fetch from SF EC for the first run.

TransmissionMode	Auto	This is default value and this interface will always run under Auto Mode
------------------	------	--

## Scripting

Name	Description
ValidateLastRunDate.groovy	This Script is used to set property for filter for query parameter based on Last successful run date
logger.groovy	This Script is used to log payload
FilterGlobalAssignments.groovy	This Script is used to filter global assignment employee records
removeInvalidEmployees.groovy	This script is used to remove invalid employee data which does not has Job information
DeNormalized.groovy	For creating snapshot based on date for effective dated portlet
EmployeeMaster_to_HRMD.groovy	This will convert the SF EC data into HRMD idoc. Only for changes records infotype data will be created.

## Endpoint Configuration

### SuccessFactor Receiver-Employee\_Central

**SuccessFactors**

General
Connection
Processing

PROCESSING DETAILS

Call Type: Synchronous Query

Operation: Query

Entity: CompoundEmployee

Query: SELECT person, address\_information, dependent\_information, email\_information, emergency\_contact\_primary, employment\_information, Work\_compensation\_information, paycompensation\_recurring, job\_information, personal\_documents\_information, national\_id\_card, personal\_inforphone\_information FROM CompoundEmployee WHERE last\_modified\_on > to\_datetime('\${property.P\_LastSuccessfulRunDate}') AND isContin ('true', 'false')

Parameters: queryMode=delta;resultOptions=renderPreviousTags

Page Size: 100

Timeout (in min): 300

## HTTP Receiver -Third Party

**HTTP**

General

Connection

CONNECTION DETAILS

Address:

<Address>

Query:

Proxy Type:

Internet

▼

Method:

POST

▼

Authentication:

Client Certificate

▼

Private Key Alias:

<Alias Name>

Timeout (in ms):

120000