PROCLANE

SAP ERP Integration with Salesforce Configuration Guide

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24. März 2021

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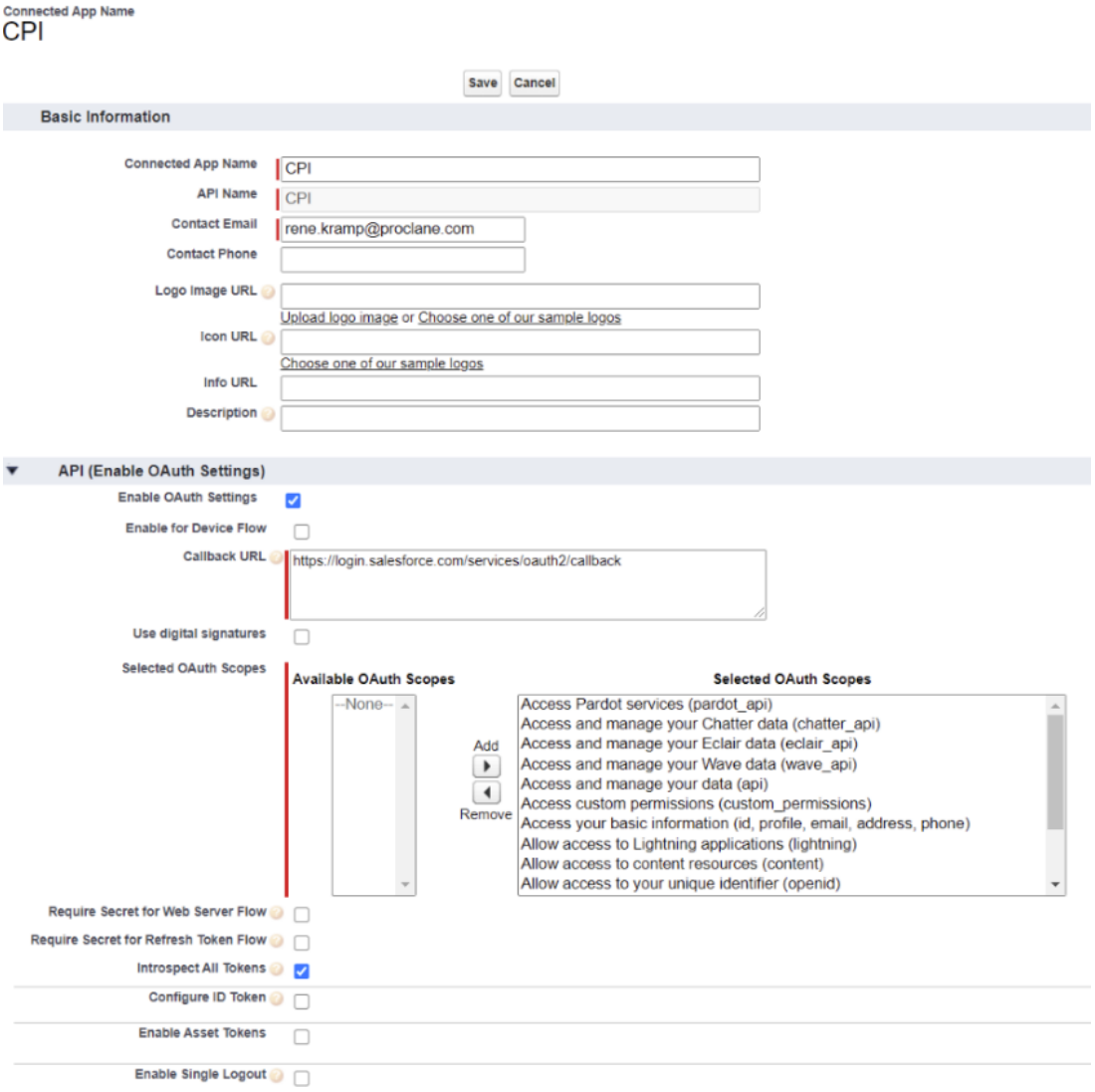
Reviewed Versions

Name	Version
SAP ERP	6.0 (EHP 6)
Salesforce Edition	Enterprise Edition (API-Version 51.0)
Package	1.0.0

1. Salesforce Configuration

1.1 Enable API Access

In the first place we need to create an access to our Salesforce, therefore we need to register an app in Salesforce (Build > Create > App > New Connected App). Grant the OAuth Scopes “Full access (full)”.



1.2 Configure API Access

Subsequently we need to change policies for the created app.

(Build > Create > App > Manage the app we created > Edit Policies)

Permit all users for self-authorization and relax IP restrictions.

2. Prerequisite in SAP

First of all, a logical system needs to be created (BD54). Subsequently, an RFC connection must be set up (SM59) for each master data. Create a HTTP-Connection to ext. Server with (Type G), address your CloudIntegrationTenant + /customer and CloudIntegrationTenant + /material. Set your preferred authorization.

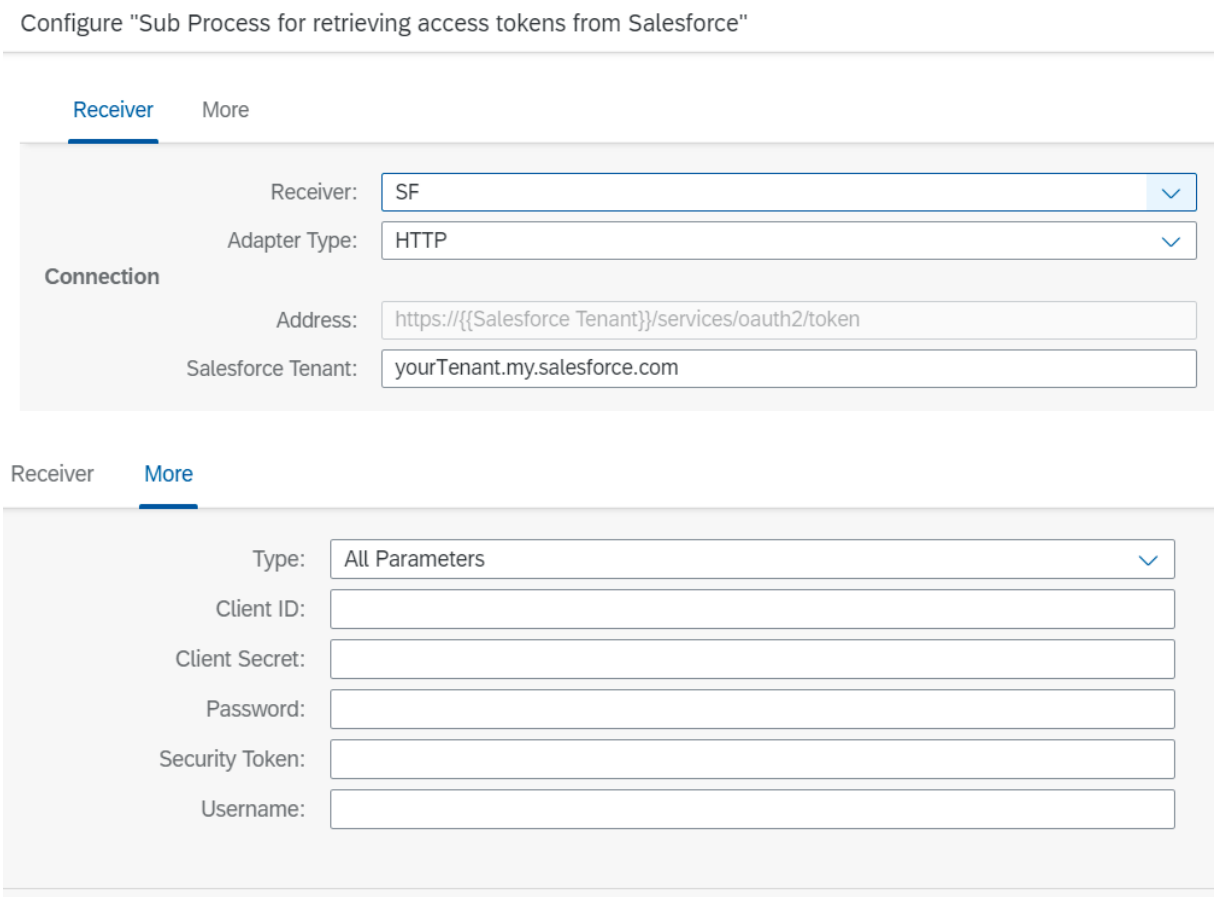
In addition, we have to set up a port (WE21) of Type XML-HTTP. Name the port and refer to the RFC connection we just created.

3. Integration Flow Configuration

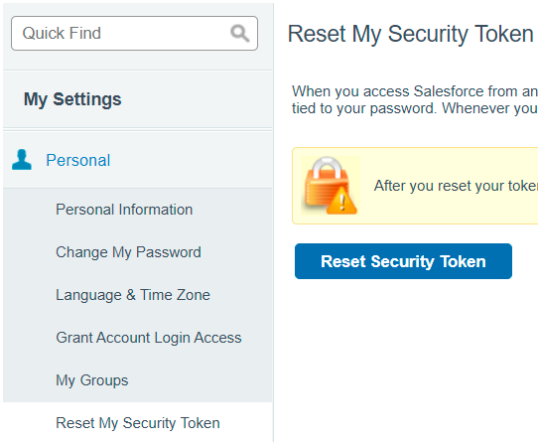
3.1 Configure Sub Processes

Within the SAP Cloud Integration, we need to configure each integration flow. For a flawless integration it is important to configure and instantiate the sub process integration flows first.

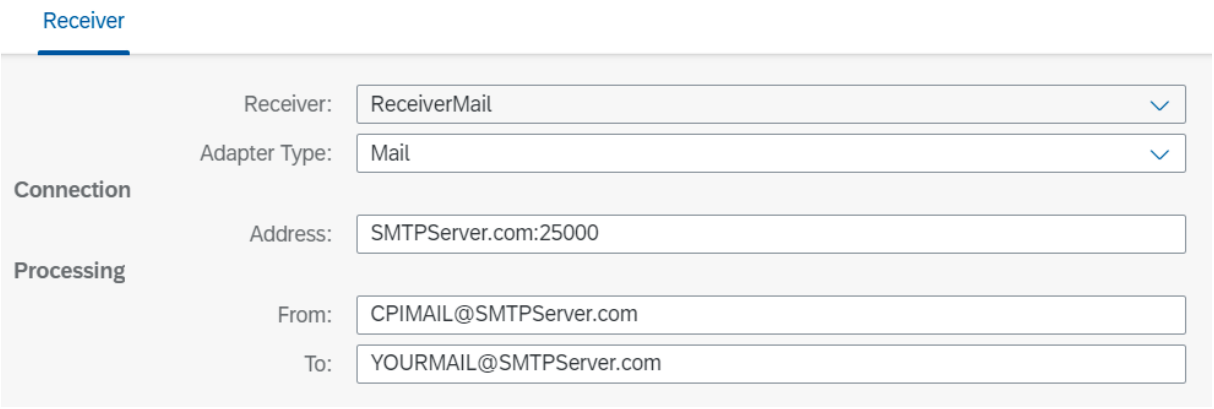
We start to configure the **Sub Process for retrieving access tokens from Salesforce Integration Flow**.



Client ID and Client Secret can be found in the app section of Salesforce as Consumer Key and Consumer Secret. The username und password are the Salesforce login credentials. The Security Token is provided by email and can be reset in the personal setting section:



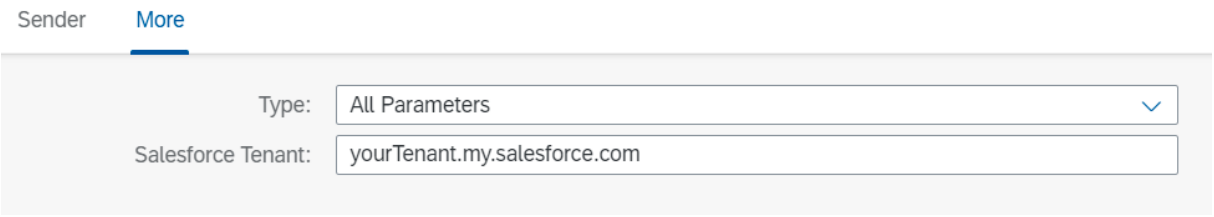
After we provided all mandatory parameters, we can deploy the integration flow. For our **Sub Process for processing requests to Salesforce** we have to provide an SMTP-Server.



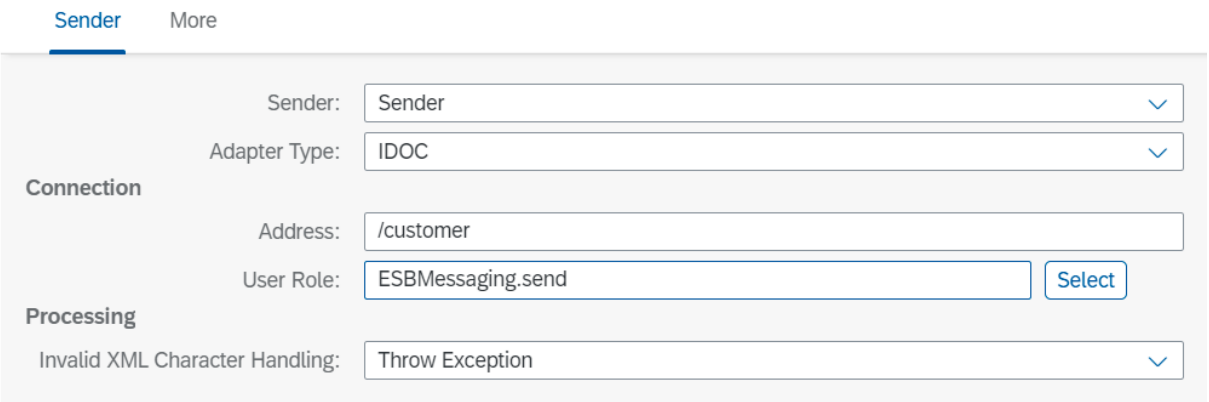
In case of an error the email address will be notified.

3.2 Configure Main Processes

Last but not least the main integration flows have to be configured, for the main integration flows the configuration does not differ, we only have to provide our Salesforce tenant.



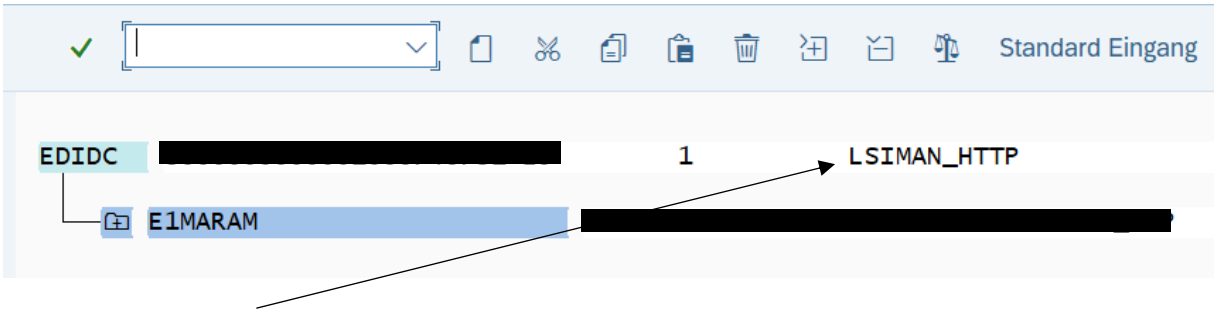
Nevertheless, we will be able to specify address, user role and xml character handling.



Configure and deploy for each Customer Master Data and Material Master Data.

4. Sending IDocs to SAP Cloud Integration

After everything is configured and deployed, we are able to send IDocs to our Salesforce. Use Transaction WE19 and look up for an existing DEBMAS/MATMAS.



Click on your partner number and change the receiver port to the port we have configured in section 2. Afterwards press F7 to send the IDoc.