

SAP Custom Development

SAP Corporate Connectivity for Banking

Configuration Guide






Version	Status	Date
1.0	Customer	January 24, 2013

Customer

Typographic Conventions

Type Style	Description
<i>Example Text</i>	Words or characters quoted from the screen. These include field names, screen titles, pushbuttons labels, menu names, menu paths, and menu options. Cross-references to other documentation
Example text	Emphasized words or phrases in body text, graphic titles, and table titles
EXAMPLE TEXT	Technical names of system objects. These include report names, program names, transaction codes, table names, and key concepts of a programming language when they are surrounded by body text, for example, SELECT and INCLUDE.
Example text	Output on the screen. This includes Directory names and their paths, messages, names of variables and parameters, source text, and names of installation, upgrade and database tools.
Example text	Exact user entry. These are words or characters that you enter in the system exactly as they appear in the documentation.
<Example text>	Variable user entry. Angle brackets indicate that you replace these words and characters with appropriate entries to make entries in the system.
EXAMPLE TEXT	Keys on the keyboard, for example, F2 or ENTER.

Icons

Icon	Meaning
	Caution
	Example
	Note
	Recommendation
	Syntax

Additional icons are used in SAP Library documentation to help you identify different types of information at a glance. For more information, see *Help on Help → General Information Classes and Information Classes for Business Information Warehouse* on the first page of any version of *SAP Library*.



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1 About This Document

1.1 Purpose and Scope

The purpose of this document is to highlight the prerequisites and configuration settings, which need to be applied to leverage standard SAP integration components to support customer requirements.

This configuration information document provides a central starting point for the technical implementation and configuration of *SAP Corporate Connectivity for Banking*. It contains all activities necessary for configuring the solution.

SAP Corporate Connectivity for Banking supports the following business scenarios:

- *CGI ISO2022 V3 Credit and Direct Debit Transfer Payments*
- *CGI ISO2022 Payment Status Update & Bank Reconciliation Statements*

This document mainly provides technical implementation and configuration details for below-given communication channels that support above-listed business scenarios.

- *Web service Connector*

1.2 Target Audience

This document is intended for the following target audiences:

- Consultants
- Partners
- Customers
- System administrators
- Business process owners
- Support specialists

1.3 Glossary

Term	Definition
SAP application	An SAP software solution that serves a specific business area, for example, ERP, CRM, PLM, SRM, SCM.
Business scenario	<p>From a microeconomic perspective, a business scenario is a cycle, which consists of several interconnected logical processes in time.</p> <p>Typically, a business scenario includes several company departments and involves other business partners. From a technical point of view, a business scenario needs at least one SAP application (SAP ERP, SAP SCM, or others) for each cycle and possibly other third-party systems.</p> <p>A business scenario is a unit that can be implemented separately and reflects the customer's prospective course of business.</p>
Component	<p>The smallest individual unit considered within the Solution Development Lifecycle.</p> <p>Components are separately produced, delivered, installed and maintained.</p>

1.4 Related Information

Specification document

Technical Documentation

Configuration Guide

Reference to SAP help portal

FAQs


Links to SAP Service Marketplace

SAP Solution Manager

Other documentation

1.5 Important SAP Notes

You must ensure that the required software is installed before you start the implementation. You can find the installation information in the SAP Notes listed in the table below.

 We recommend that you read the SAP Notes before you start to install and implement the solution. The SAP Notes contain the latest information about the installation as well as corrections to the installation information.

Make sure that you have the up-to-date version of each SAP Note, which is available on SAP Service Marketplace at <https://service.sap.com/notes>.

List of Related SAP Notes

SAP Note Number(s)	Title	Description
1809007	Release strategy for ABAP add-on CBCOM 100	This SAP Note contains information about planning the installation and upgrades of the ABAP add-on [Add-on].
1665873	CGI: DMEE XML Format as per ISO20022	This SAP Note provides information on Implementation steps and details for processing CGI ISO20022 Credit Transfer.
1737313	CGI Direct Debit Transfer: DMEE XML Format as per ISO20022	This SAP Note provides information on Implementation steps and details for processing CGI ISO20022 Direct Debit
<ul style="list-style-type: none"> • 1686264 • 1729745 	<ul style="list-style-type: none"> • XML bank statement, for example CAMT053.001.02 (Caution for language EN: Translation not Current!) • XSLT for camt053.001.02 	These SAP Notes provide information on Implementation steps and details for processing XML Bank statements in CAMT053.001.02.

2 Solution Overview

SAP Corporate Connectivity for Banking was developed to exchange messages between your ERP system and Westpac Bank's PI system as a part of a connectivity solution. Using this connectivity solution, you can send your payment instructions to the bank PI for processing. The Bank PI will send status messages back to your SAP ERP to update the *Payment Run Cockpit*. Bank PI will also send the bank statement messages to your system for reconciling the payment instructions you have issued to the bank. The solution updates the statuses and makes them available in the *Payment Run Cockpit*.

The process flow diagram below shows the *SAP Corporate Connectivity for Banking* solution with Web service communication channels.

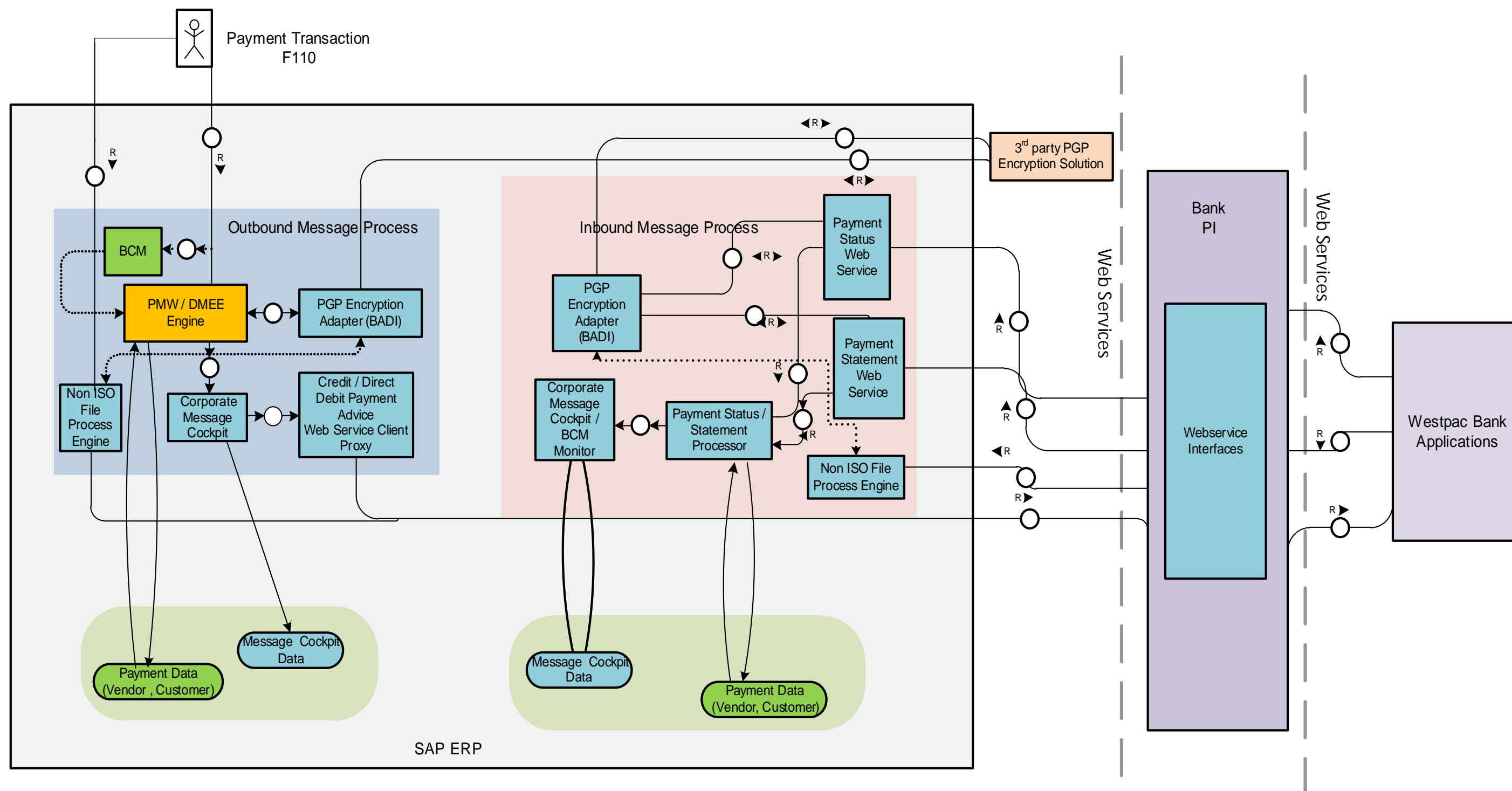


Figure 1 System Landscape

SAP Corporate Connectivity for Banking is designed to function across inter-corporate landscapes. The solution connects your landscape with the bank's to process payment information at the bank's end. Further, it also provides connectivity from the bank to your SAP ERP for processing the information relevant to post payment processing. Refer to the *Security Configuration Guide* provided with solution for more details on the system landscape.

2.1 Implementation and Configuration – Basic Settings

The Configuration Guide is a tool for configuring the SAP system to meet customer requirements. The Implementation Guide (IMG) covers all steps of the implementation process, the SAP standard (factory) Customizing settings, and the system configuration activities. The hierarchical structure of the IMG is based on the application component hierarchy and lists all documentation that is relevant to implementing the SAP system.

This section highlights the prerequisites and configuration settings which need to be applied to leverage standard SAP integration components to support customer requirements.

Westpac requires payments to be transmitted in CGI ISO20022 Pain.001 message format. Customers can leverage the *Payment Medium Workbench* tool with DME Engine in SAP to generate the required message format.

The PMW/DME functionality can create the appropriate payment file format on the back of a standard payment proposal and payment run. As part of the configuration in SAP, the payment file format defined in the PMW/DME will be mapped to a newly-created payment method configured to group all related payments.

As a prerequisite to support the bank's requirements, the following configuration settings are required.

- Master Data Configuration

- FI configuration
- Payment File Configuration
- Integration with BCM

2.1.1 Master Data Configuration Details

All master data (Customer, Vendor, and G/L) configuration settings required to support the processes for payments within SAP should be maintained in the system.

The below-given table lists Information needed to be maintained in customer master and vendor master to provide the requisite Information in payment messages sent to the bank.

Customer / Vendor master Data			
View	Field	Mandatory	Remarks
Address Data	Name	X	
	Country	X	
	Street/house number		
	Postal code/city		
	Region		
Payment Transactions View	Bank country	X	
	Bank key	X	Max. 6 digits. To change the length of bank key, use transaction code OY17
	Bank account	X	
	Bank name	X	
	Bank branch	X	BSB code of branch
	Swift code		Maintain if available
	IBAN		Maintain if available
Account information accounting	Recon account		
Payment transaction accounting	Payment methods	X	Valid payment methods for vendor / customer

2.1.2 PMW Configuration Details

The following section details the settings required to generate the XML payment file from the *Payment Medium Workbench* (PMW) with *DME* Engine.

2.1.2.1 PMW/DME Configuration

Use

Execution of a payment run will generate an XML Message in CGI V3 pain.001 format as required by bank. The configuration given below, details the transmission of the ISO 20022 V3 XML message as provided by Westpac.

Prerequisites

- Solution Installation and configuration in your system

Procedure

The PMW/DME tree allows mapping to be performed between a source and target structure; the source being the payment run values and the target being the V3 CGI-compliant-format. User exits are available within the mapping to carry out more complex mapping; these are in the form of function modules.

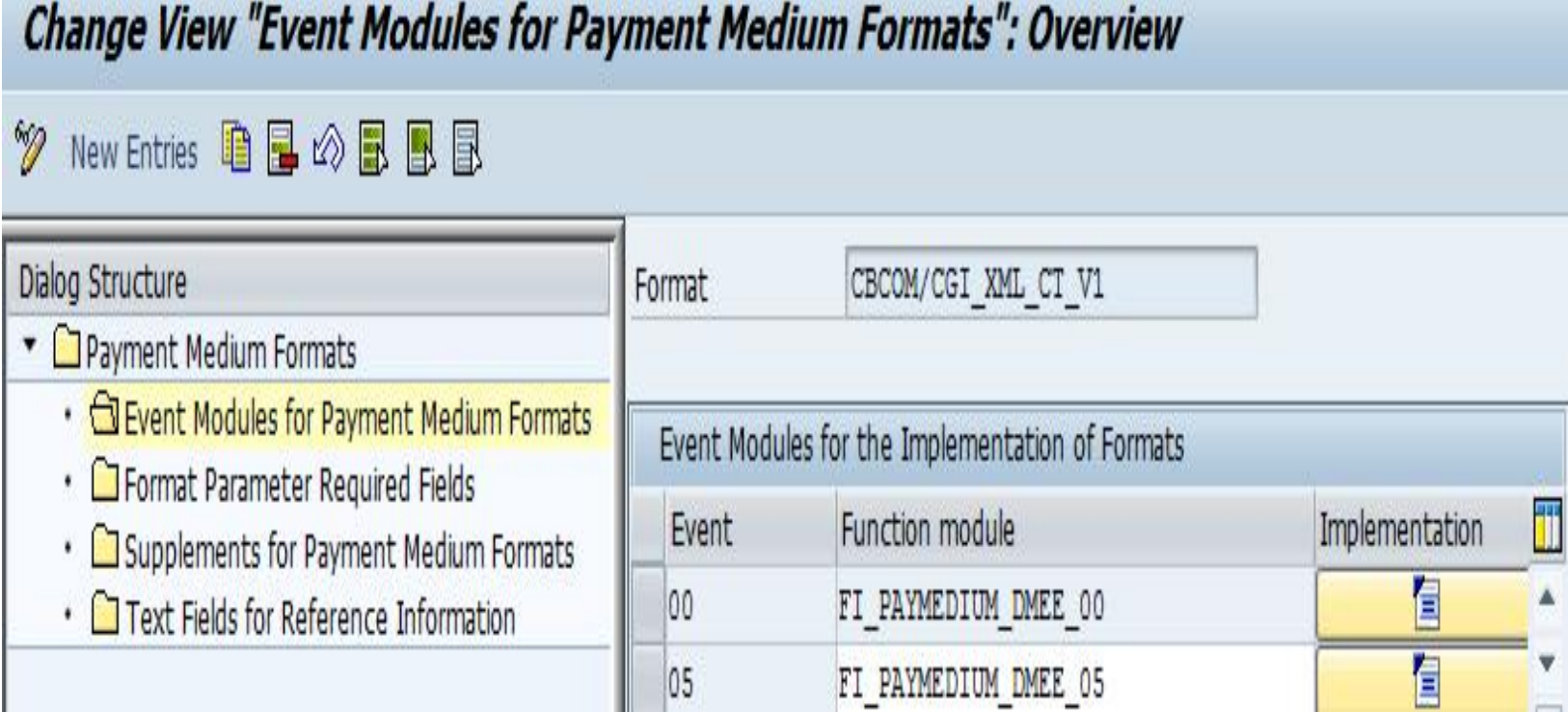
The below-given table provides the payment formats applicable for Westpac.

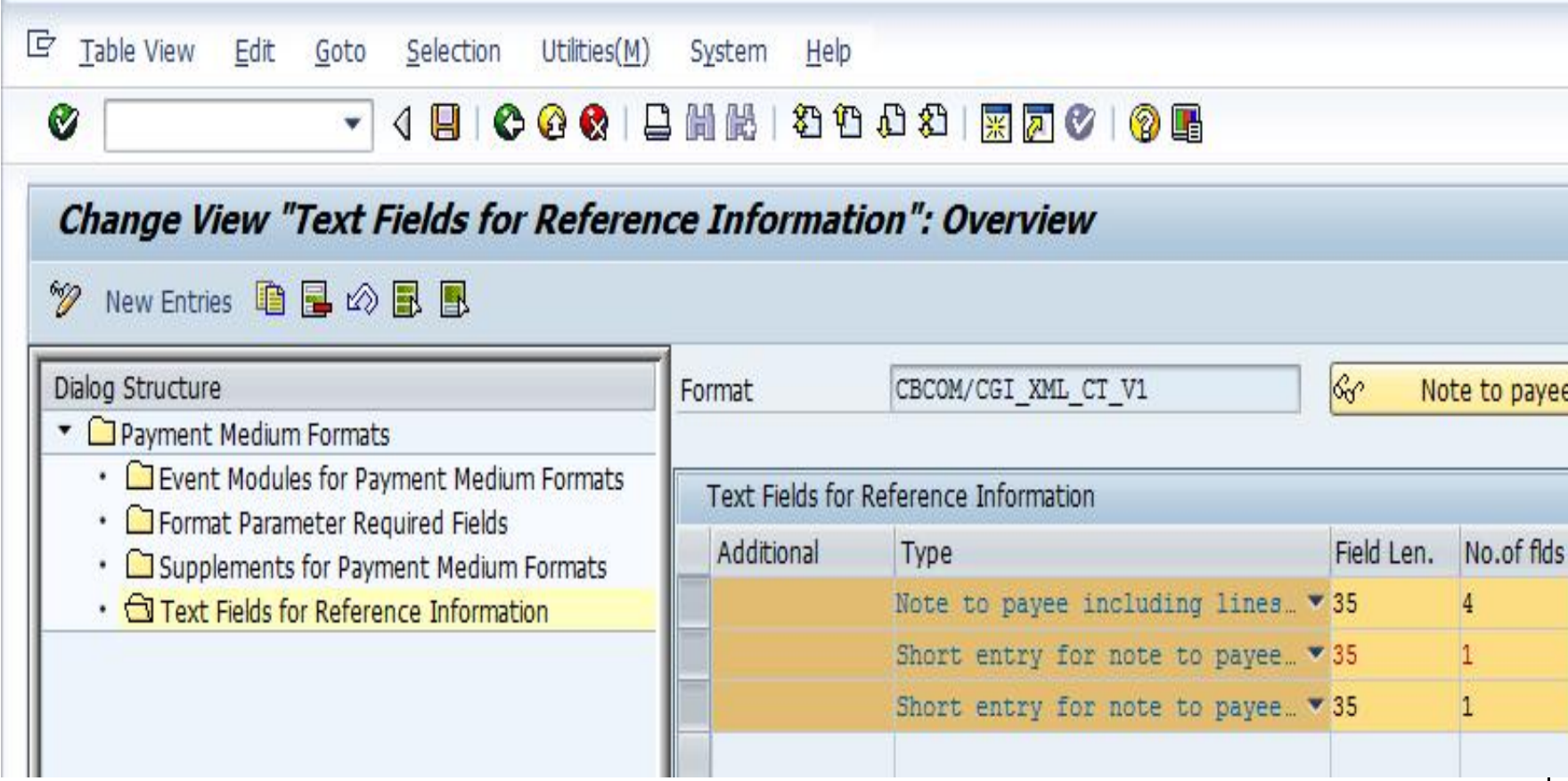
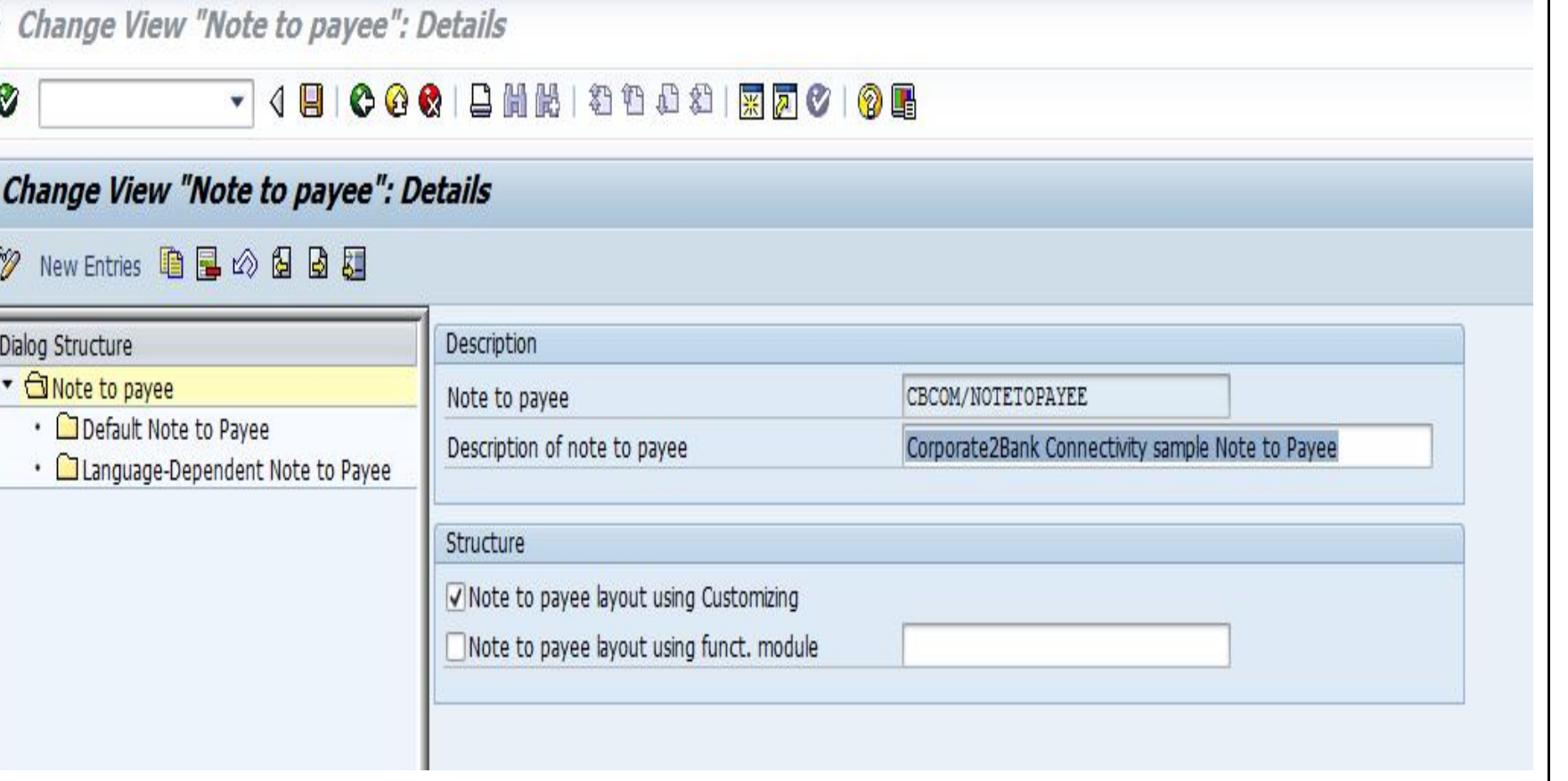
No.	Payment Format	Description
1.	CBCOM/CGI_XML_CT_V1	DMEE Credit Transfer Format as per CGI
2.	CBCOM/CGI_XML_DD	DMEE XML Direct Debit Format as per CGI

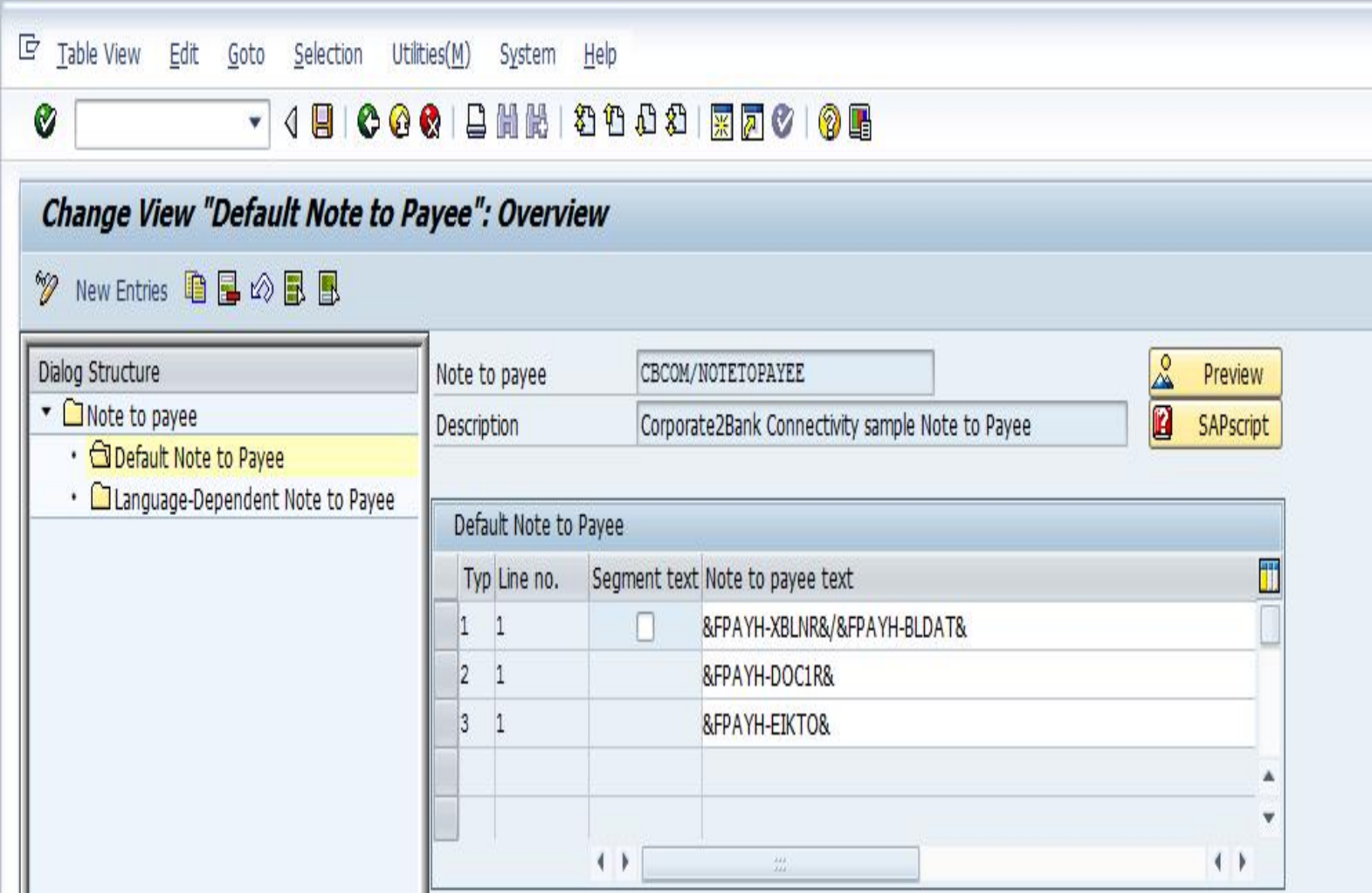
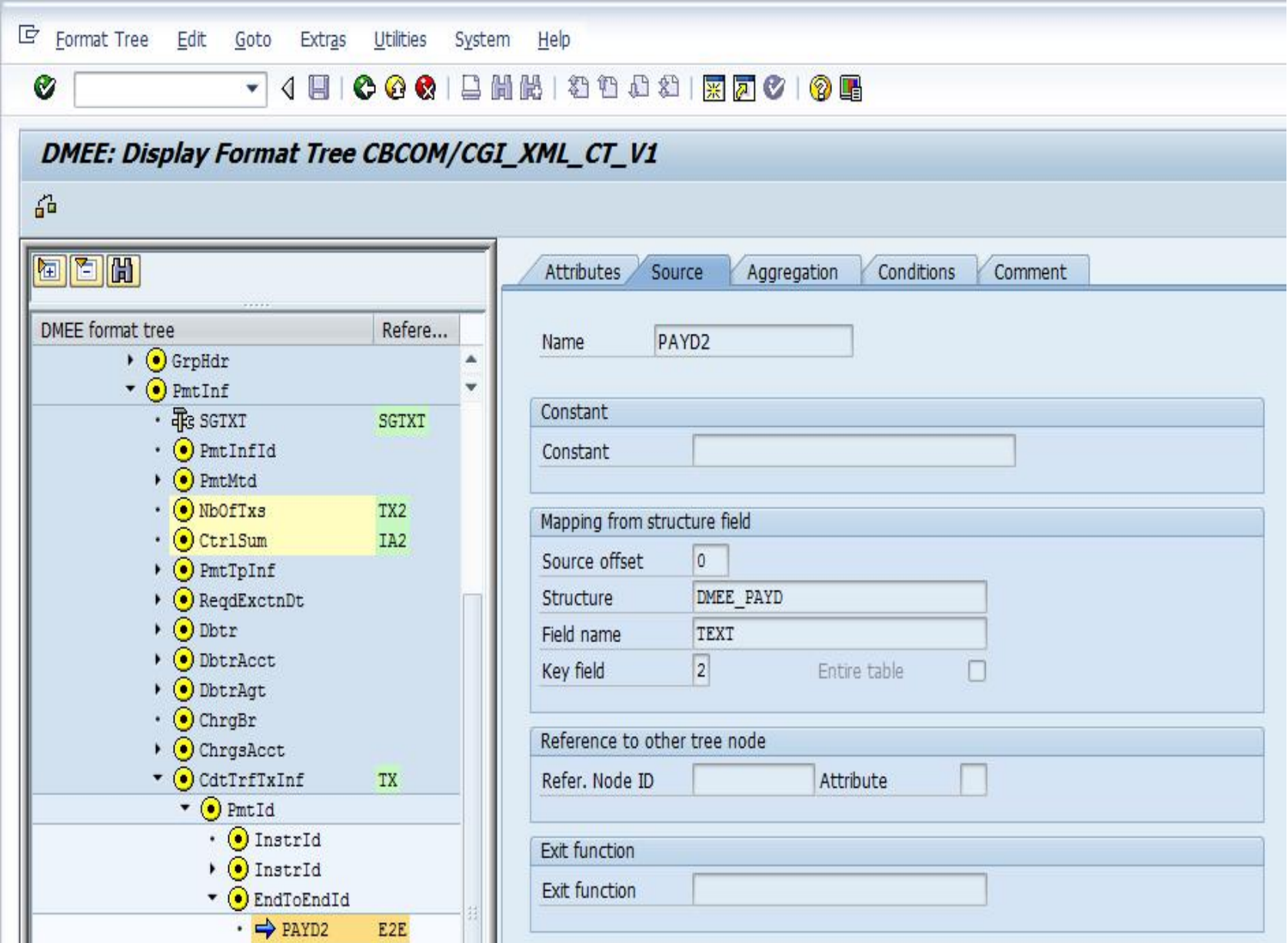
Step #	Description	Additional Information
Change View <i>Payment Medium Formats</i>		
1.	Enter Transaction Code – <i>OBPM1</i>	
2.	Choose <i>New Entries</i>	

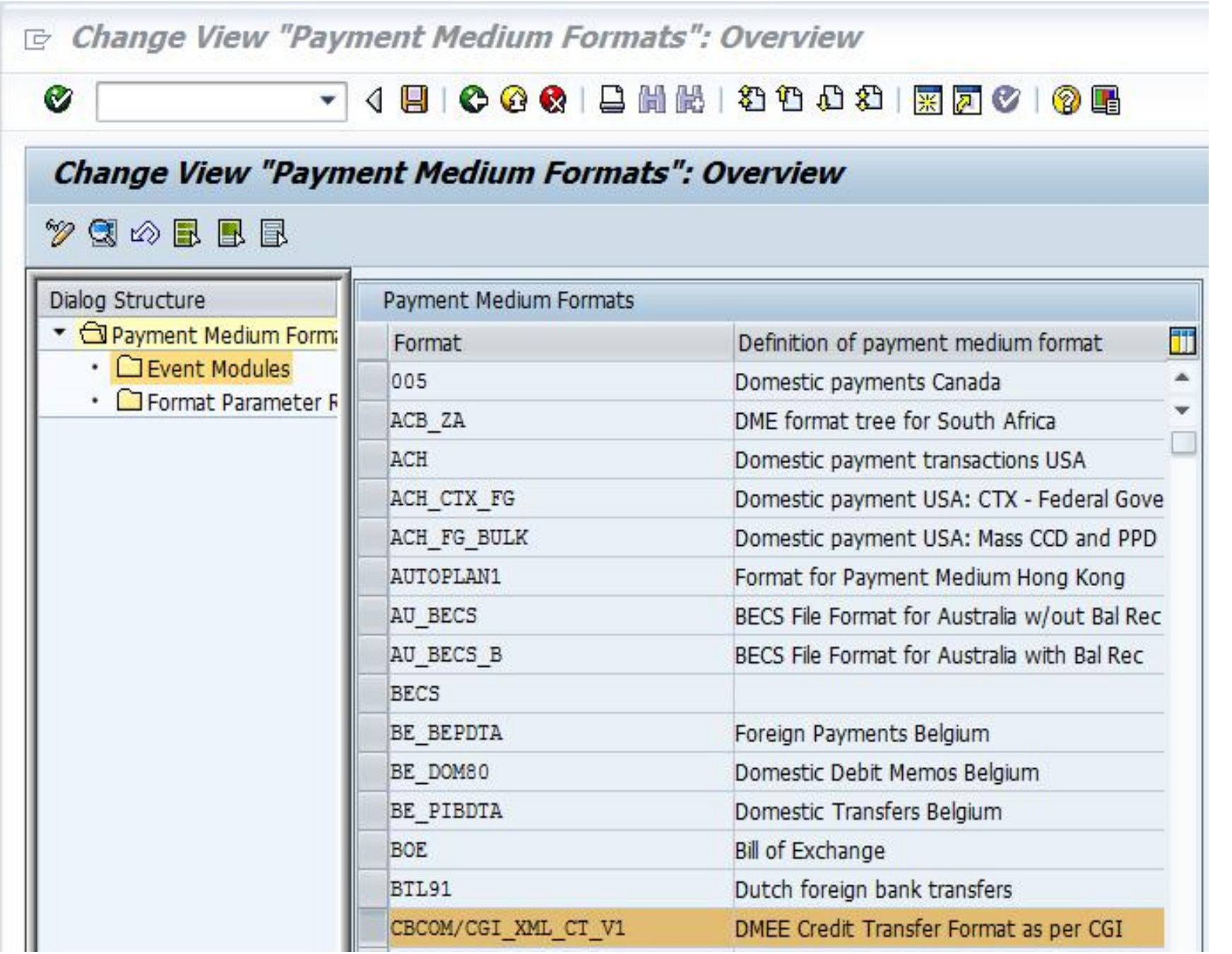
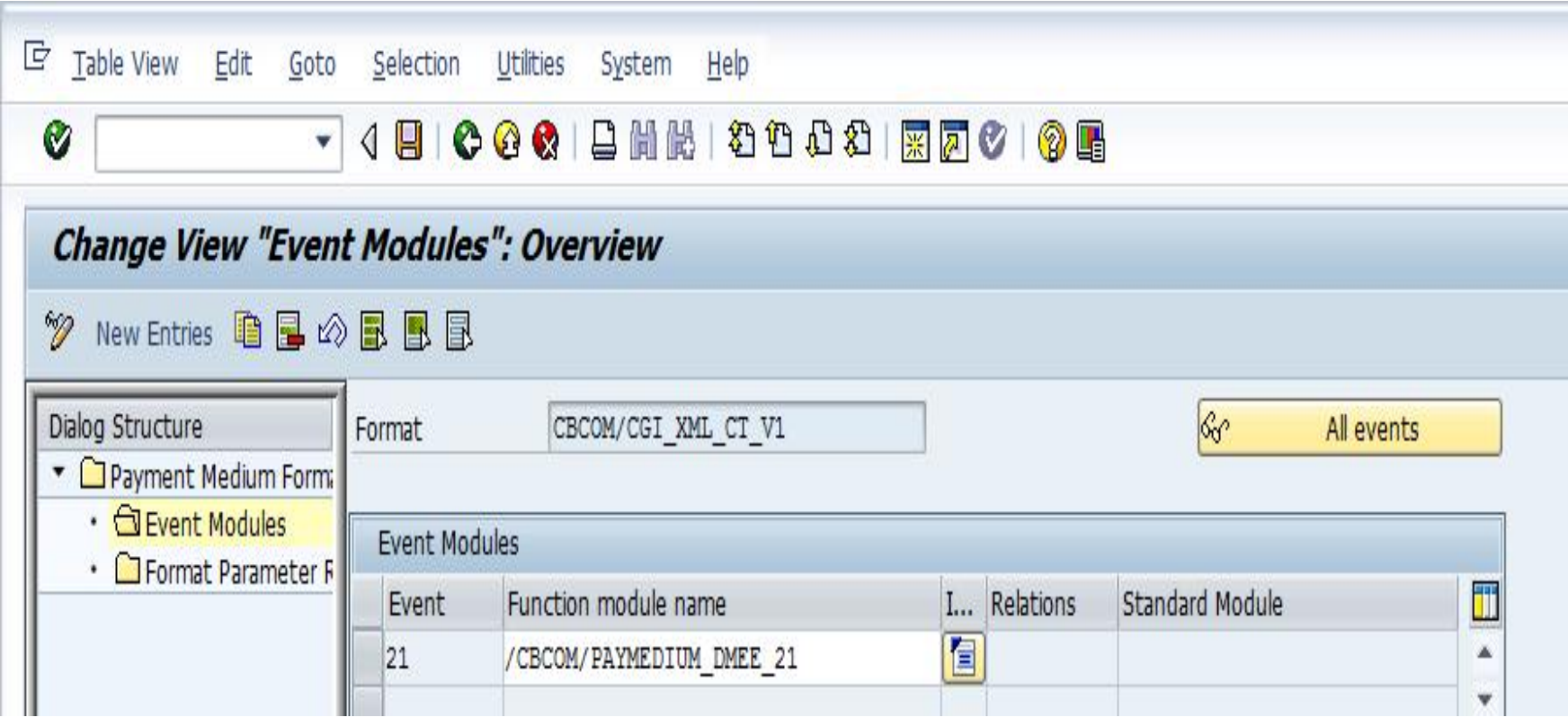
Step #	Description	Additional Information
3	<p>Maintain below-given details for the following formats. (Perform these steps for each format)</p> <p>I. CBCOM/CGI_XML_CT_V1</p> <p>II. CBCOM/CGI_XML_DD</p> <p>Credit transfer</p> <p>III. Format – CBCOM/CGI_XML_CT</p> <p>IV. Description: DMEE Credit Transfer Format as per CGI</p> <p>V. Select checkbox <i>Payment Medium without docs</i> and from the adjacent drop down list, select <i>File</i>, and choose <i>Save</i>.</p> <p>VI. In order to set the code page for the payment medium, select pushbutton</p> <div data-bbox="521 1597 842 1666" style="border: 1px solid black; padding: 2px; margin: 5px 0;"> </div> <p>VII. On the next screen, switch to change mode and enter <i>Code Page 4110</i></p> <p>VIII. Return to the previous screen and select checkbox <i>Payment Medium without docs</i>. In the adjacent drop-down-list, select <i>Web Services Connector</i></p> <p>IX. Enter 'FPM_CGI' in field <i>Struct for format parameters</i></p> <p>X. Enter function module</p>	

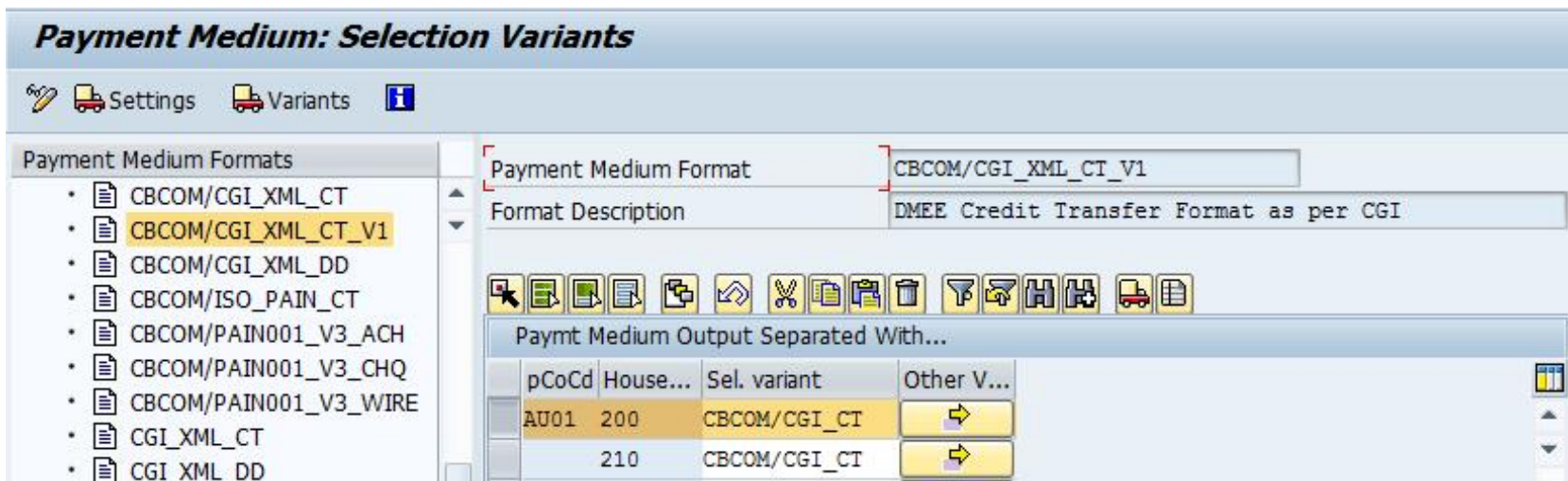
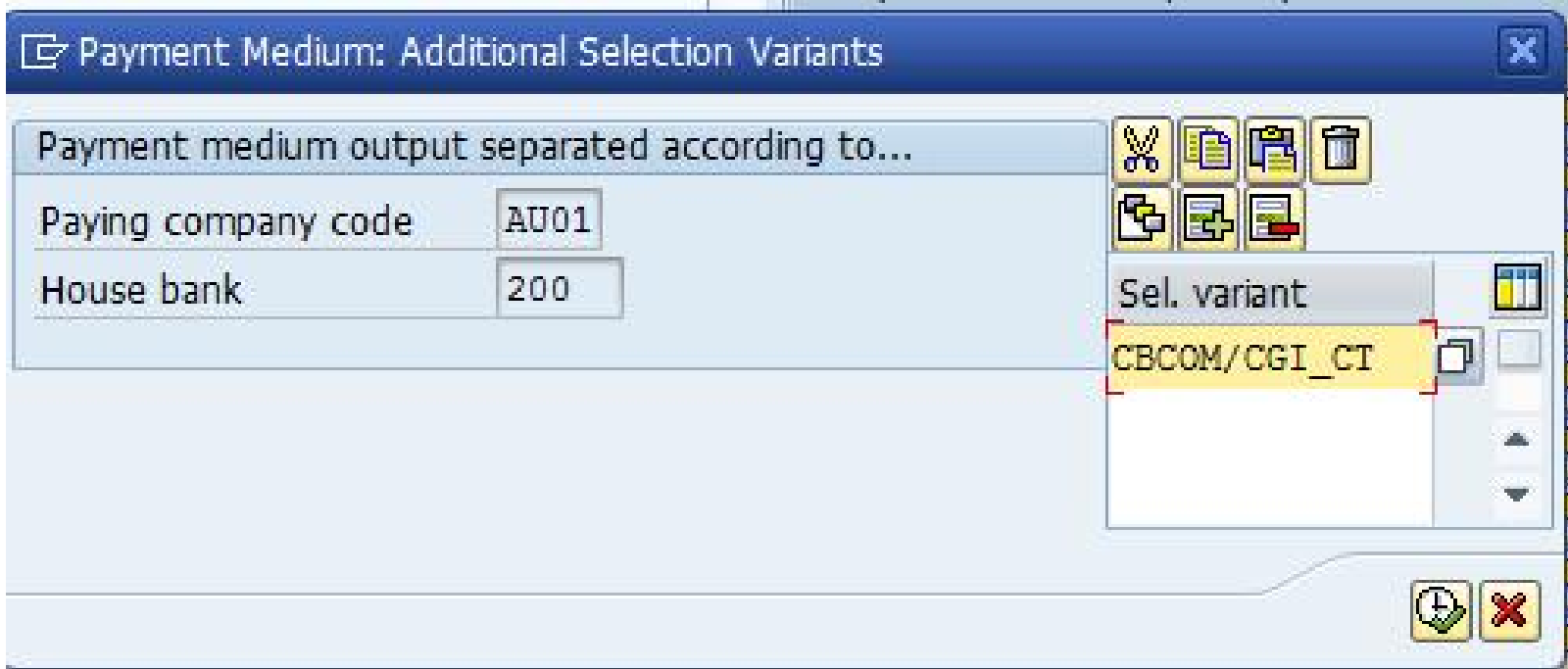
Step #	Description	Additional Information
	<p><i>/FPM_DOCU_CBCOM_CGI_XML_CT</i> in field documentation module</p> <p>XI. Select options <i>Company Code</i> and 'House Banks'</p> <p>XII. Press Save and return to the previous screen.</p> <p>Direct Debit</p> <p>Choose <i>New Entries</i> and perform the below-given steps</p> <p>XIII. Format – <i>CBCOM/CGI_XML_CT</i> (Press F4 to select the entry)</p> <p>XIV. Description: <i>Enter DMEE XML Direct Debit Format as per CGI.</i></p> <p>XV. Select checkbox <i>Payment medium without docs</i> and in the adjacent drop down list, select <i>File</i> and choose Save</p> <p>XVI. In order to set the code page for the payment medium select push button</p> <div data-bbox="526 1770 842 1839" style="border: 1px solid black; padding: 2px; width: fit-content; margin: 5px auto;"> </div> <p>XVII. On the screen that is displayed, switch to change mode and enter <i>Code Page</i> as 4110</p> <p>XVIII. Return to the previous screen and select checkbox <i>Payment medium without docs.</i> From the adjacent drop down list, select <i>Web Services Connector</i></p>	

Step #	Description	Additional Information									
	<p>XIX. Enter function module <i>/FPM_DOCU_CBCOM_CGI_XML_CT</i> in field <i>Documentation Module</i></p> <p>XX. Enter <i>FPM_CGI</i> in field <i>Struct for format parameters</i></p> <p>XXI. Select <i>Mapping using DMEE Engine</i></p> <p>XXII. Select options <i>Company Code</i> and <i>House Banks</i></p> <p>Press <i>Save</i> and return to the previous screen.</p>										
<p>3.</p>	<p>Select the <i>Payment Medium Format</i> again and double-click on tree node <i>Event Modules for Payment Medium Formats</i> on the screen.</p> <p>Choose <i>New Entries</i> and maintain below values.</p> <p>Event : 05</p> <p>Function Module : <i>/FI_PAYMEDIUM_DMEE_05</i></p> <p>Choose <i>Save</i> and go back.</p> <p>Note : Repeat this step with same parameters for Format <i>CBCOM/CGI_XML_DD</i></p>	 <p>The screenshot shows the SAP configuration screen for 'Event Modules for Payment Medium Formats'. The 'Format' field is set to 'CBCOM/CGI_XML_CT_V1'. The 'Dialog Structure' tree on the left shows 'Payment Medium Formats' expanded, with 'Event Modules for Payment Medium Formats' selected. The main table, titled 'Event Modules for the Implementation of Formats', contains the following data:</p> <table border="1"> <thead> <tr> <th>Event</th> <th>Function module</th> <th>Implementation</th> </tr> </thead> <tbody> <tr> <td>00</td> <td>FI_PAYMEDIUM_DMEE_00</td> <td>[Implementation icon]</td> </tr> <tr> <td>05</td> <td>FI_PAYMEDIUM_DMEE_05</td> <td>[Implementation icon]</td> </tr> </tbody> </table>	Event	Function module	Implementation	00	FI_PAYMEDIUM_DMEE_00	[Implementation icon]	05	FI_PAYMEDIUM_DMEE_05	[Implementation icon]
Event	Function module	Implementation									
00	FI_PAYMEDIUM_DMEE_00	[Implementation icon]									
05	FI_PAYMEDIUM_DMEE_05	[Implementation icon]									

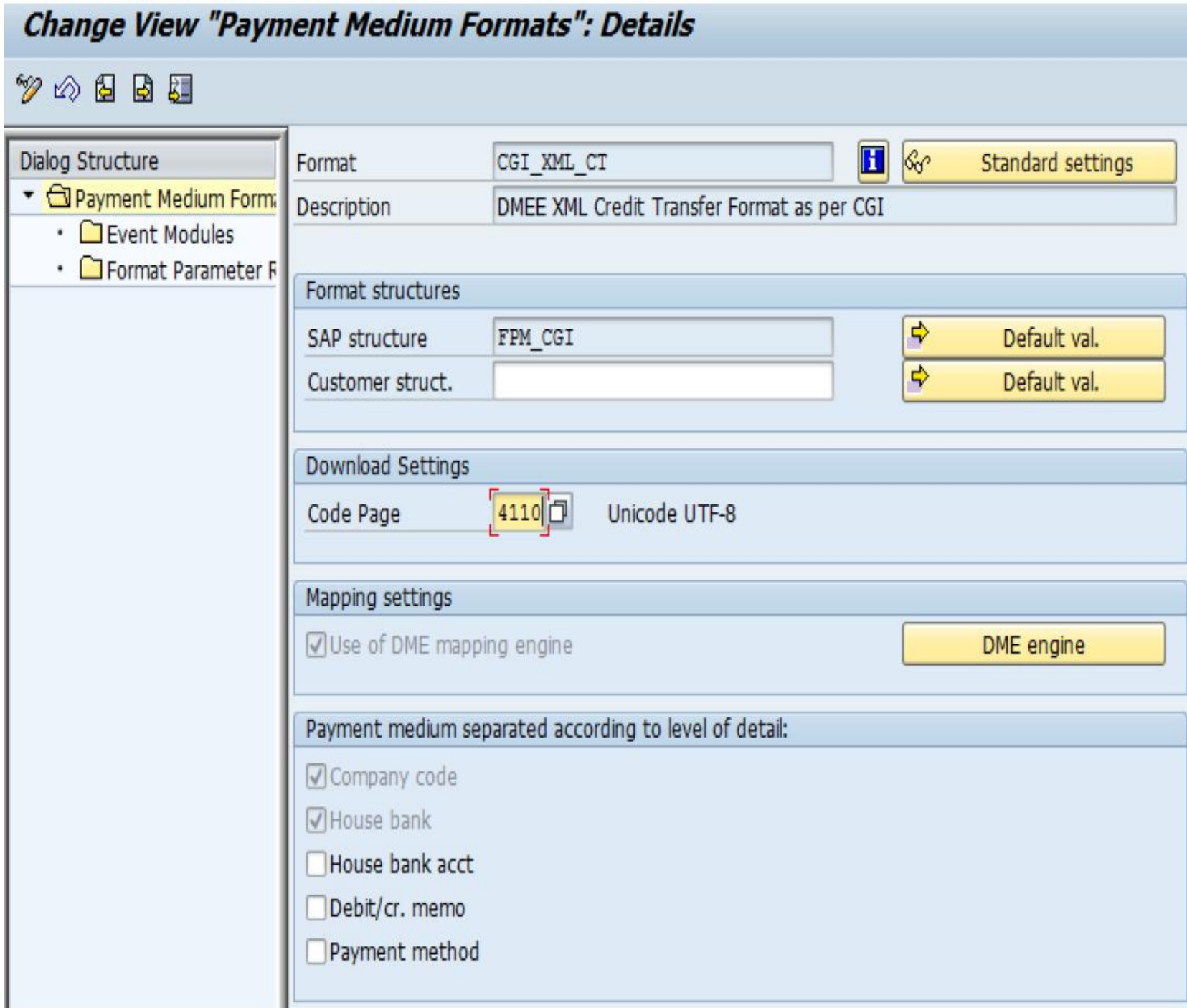
Step #	Description	Additional Information																
4.	<p>Double-click on tree node <i>Text Fields for Reference Information</i> on the screen.</p> <p>Choose <i>New Entries</i> and maintain entries as shown here.</p> <p>Total entries: 3</p> <p>Note : Repeat this step with same parameters for format <i>CBCOM/CGI_XML_DD</i></p>	 <p>The screenshot shows the SAP Change View interface for 'Text Fields for Reference Information'. The 'Dialog Structure' tree on the left has 'Text Fields for Reference Information' selected. The main area shows a table with the following data:</p> <table border="1"> <thead> <tr> <th>Additional</th> <th>Type</th> <th>Field Len.</th> <th>No. of fids</th> </tr> </thead> <tbody> <tr> <td></td> <td>Note to payee including lines...</td> <td>35</td> <td>4</td> </tr> <tr> <td></td> <td>Short entry for note to payee...</td> <td>35</td> <td>1</td> </tr> <tr> <td></td> <td>Short entry for note to payee...</td> <td>35</td> <td>1</td> </tr> </tbody> </table>	Additional	Type	Field Len.	No. of fids		Note to payee including lines...	35	4		Short entry for note to payee...	35	1		Short entry for note to payee...	35	1
Additional	Type	Field Len.	No. of fids															
	Note to payee including lines...	35	4															
	Short entry for note to payee...	35	1															
	Short entry for note to payee...	35	1															
<p>Change view <i>Note to Payee</i></p>																		
1.	<p>Enter transaction code – <i>OBPM2</i></p>																	
2.	<p>Choose <i>New Entries</i> and maintain Values as shown in the adjacent column</p>	 <p>The screenshot shows the SAP Change View interface for 'Note to payee'. The 'Dialog Structure' tree on the left has 'Note to payee' selected. The main area shows the following details:</p> <p>Description</p> <p>Note to payee: CBCOM/NOTETOPAYEE</p> <p>Description of note to payee: Corporate2Bank Connectivity sample Note to Payee</p> <p>Structure</p> <p><input checked="" type="checkbox"/> Note to payee layout using Customizing</p> <p><input type="checkbox"/> Note to payee layout using funct. module</p>																

Step #	Description	Additional Information
<p>3.</p>	<p>Double-click tree node <i>Default Note to Payee</i>.</p> <p>Maintain the entries as shown in adjacent column or per your requirements.</p> <p>Note that these settings influence the way EndtoEnd ID is constructed in payment message.</p> <p>Here the <i>End to End</i> field is updated with value in field as referred to 2nd key of <i>Note to Payee</i> configured in previous step.</p> <p>that is, &FPAYH-DOC1R&</p>	 <p>DMEE tree reference to note to payee</p> 
<p>4</p>	<p>Choose Save.</p>	
<p>Change View <i>Payment Medium Formats</i></p>		

Step #	Description	Additional Information																																
1	Enter Transaction code : <i>OBPM3</i>																																	
2.	Select payment medium format <i>CBCOM/CGI_XML_CT_V1</i> Note: Repeat this step with same parameters for format <i>CBCOM/CGI_XML_DD</i>	 <table border="1" data-bbox="1224 761 1957 1349"> <thead> <tr> <th>Format</th> <th>Definition of payment medium format</th> </tr> </thead> <tbody> <tr><td>005</td><td>Domestic payments Canada</td></tr> <tr><td>ACB_ZA</td><td>DME format tree for South Africa</td></tr> <tr><td>ACH</td><td>Domestic payment transactions USA</td></tr> <tr><td>ACH_CTX_FG</td><td>Domestic payment USA: CTX - Federal Gove</td></tr> <tr><td>ACH_FG_BULK</td><td>Domestic payment USA: Mass CCD and PPD</td></tr> <tr><td>AUTOPLAN1</td><td>Format for Payment Medium Hong Kong</td></tr> <tr><td>AU_BECS</td><td>BECS File Format for Australia w/out Bal Rec</td></tr> <tr><td>AU_BECS_B</td><td>BECS File Format for Australia with Bal Rec</td></tr> <tr><td>BECS</td><td></td></tr> <tr><td>BE_BEPDIA</td><td>Foreign Payments Belgium</td></tr> <tr><td>BE_DOM80</td><td>Domestic Debit Memos Belgium</td></tr> <tr><td>BE_PIBDIA</td><td>Domestic Transfers Belgium</td></tr> <tr><td>BOE</td><td>Bill of Exchange</td></tr> <tr><td>BTL91</td><td>Dutch foreign bank transfers</td></tr> <tr><td>CBCOM/CGI_XML_CT_V1</td><td>DMEE Credit Transfer Format as per CGI</td></tr> </tbody> </table>	Format	Definition of payment medium format	005	Domestic payments Canada	ACB_ZA	DME format tree for South Africa	ACH	Domestic payment transactions USA	ACH_CTX_FG	Domestic payment USA: CTX - Federal Gove	ACH_FG_BULK	Domestic payment USA: Mass CCD and PPD	AUTOPLAN1	Format for Payment Medium Hong Kong	AU_BECS	BECS File Format for Australia w/out Bal Rec	AU_BECS_B	BECS File Format for Australia with Bal Rec	BECS		BE_BEPDIA	Foreign Payments Belgium	BE_DOM80	Domestic Debit Memos Belgium	BE_PIBDIA	Domestic Transfers Belgium	BOE	Bill of Exchange	BTL91	Dutch foreign bank transfers	CBCOM/CGI_XML_CT_V1	DMEE Credit Transfer Format as per CGI
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BOE	Bill of Exchange																																	
BTL91	Dutch foreign bank transfers																																	
CBCOM/CGI_XML_CT_V1	DMEE Credit Transfer Format as per CGI																																	
3.	Double-click tree node <i>Event Modules for Payment Medium Formats</i> on the screen. Select <i>New Entries</i> and enter below-given values. Event : 21 Function module : <i>/CBCOM/PAYMEDIUM_DM EE_21</i> Choose <i>Save</i> and go back.	 <table border="1" data-bbox="1138 1811 1936 1955"> <thead> <tr> <th>Event</th> <th>Function module name</th> <th>I...</th> <th>Relations</th> <th>Standard Module</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>/CBCOM/PAYMEDIUM_DMEE_21</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Event	Function module name	I...	Relations	Standard Module	21	/CBCOM/PAYMEDIUM_DMEE_21																									
Event	Function module name	I...	Relations	Standard Module																														
21	/CBCOM/PAYMEDIUM_DMEE_21																																	
<p>Creating or assigning selection variants</p>																																		
1.	Choose IMG menu path, or enter transaction code <i>OBPM4</i>	Financial Accounting -> Accounts Receivable and Accounts Payable -> Business Transactions -> Outgoing Payments -> Automatic Outgoing Payments -> Payment Media -> Make Settings for Payment Medium Formats and Note to Payee to Payment Method ->																																

Step #	Description	Additional Information
		Create/Assign Selection Variants
2.	Double-click on CBCOM/CGI_XML_CT_V1 Note : Repeat this step with same parameters for Format 'CBCOM/CGI_XML_DD' as well	
3.	For the 'Paying Company Code' and the 'House Bank' combination, select 'Other Value' button	
4.	Enter the variant name CBCOM/CGI_CT and press 'Execute' icon	

Step #	Description	Additional Information
5.	Enter the following data: <ul style="list-style-type: none"> • 'Payment Medium Format' enter CBCOM/CGI_XML_CT_V1 and press Enter • Select 'Data Medium Exchange', checkbox 	
6.	Go back and give the variant a name, choose Save and return to the configuration screen.	
7.	Choose <i>Transport</i> to save the value to the transport	
<p>Assign the format name in the BAdI Implementation to get the correct XML file in UTF-8 format</p>		
1	Enter Transaction Code : OBPM3	

Step #	Description	Additional Information
2	<p>Verify to ensure that for the formats CBCOM/CGI_XML_CT_V1 and CBCOM/CGI_XML_DD the code page is maintained as 4110</p>	
3.	<p>Maintain this DMEE format in the BAdI implementation DMEE_XML_BADI_01 so that above code page will be filled and the DME file shall be created in 4110 (Unicode UTF-8 format)</p>	
4.	<p>Go to Transaction SE19</p>	

Step #	Description	Additional Information
5.	<p>In the BAdI Builder: Initial Screen for Implementations, select the Classic BAdI radio button and enter the value DMEE_XML_BADI_01 in the Implementation field as shown below:</p>	<p>The screenshot shows the 'BAdI Builder: Initial Screen for Implementations' window. Under the 'Edit Implementation' section, the 'Classic BAdI' radio button is selected. The 'Implementation' field is highlighted with a red box and contains the text 'DMEE_XML_BADI_01'. There are 'Display' and 'Change' buttons at the bottom.</p>
6	<p>Click on the Change button.</p>	
7.	<p>In the Business Add-In Builder: Display Implementation DMEE_XML_BADI_01 screen, assign the format tree names CBCOM/CGI_XML_CT_V1 & CBCOM/CGI_XML_DD as filter values of the implementation DMEE_XML_BADI_01 as shown below:</p>	<p>The screenshot shows the 'Business Add-In Builder: Display Implementation DMEE_XML_BADI_01' window. The 'Implementation Name' field is highlighted with a red box and contains 'DMEE_XML_BADI_01'. Other fields include 'Implementation Short Text' (BAdI Implementation for XML), 'Definition Name' (DMEE_BADI_01), and 'Runtime Behavior' (Implementation will be called).</p>

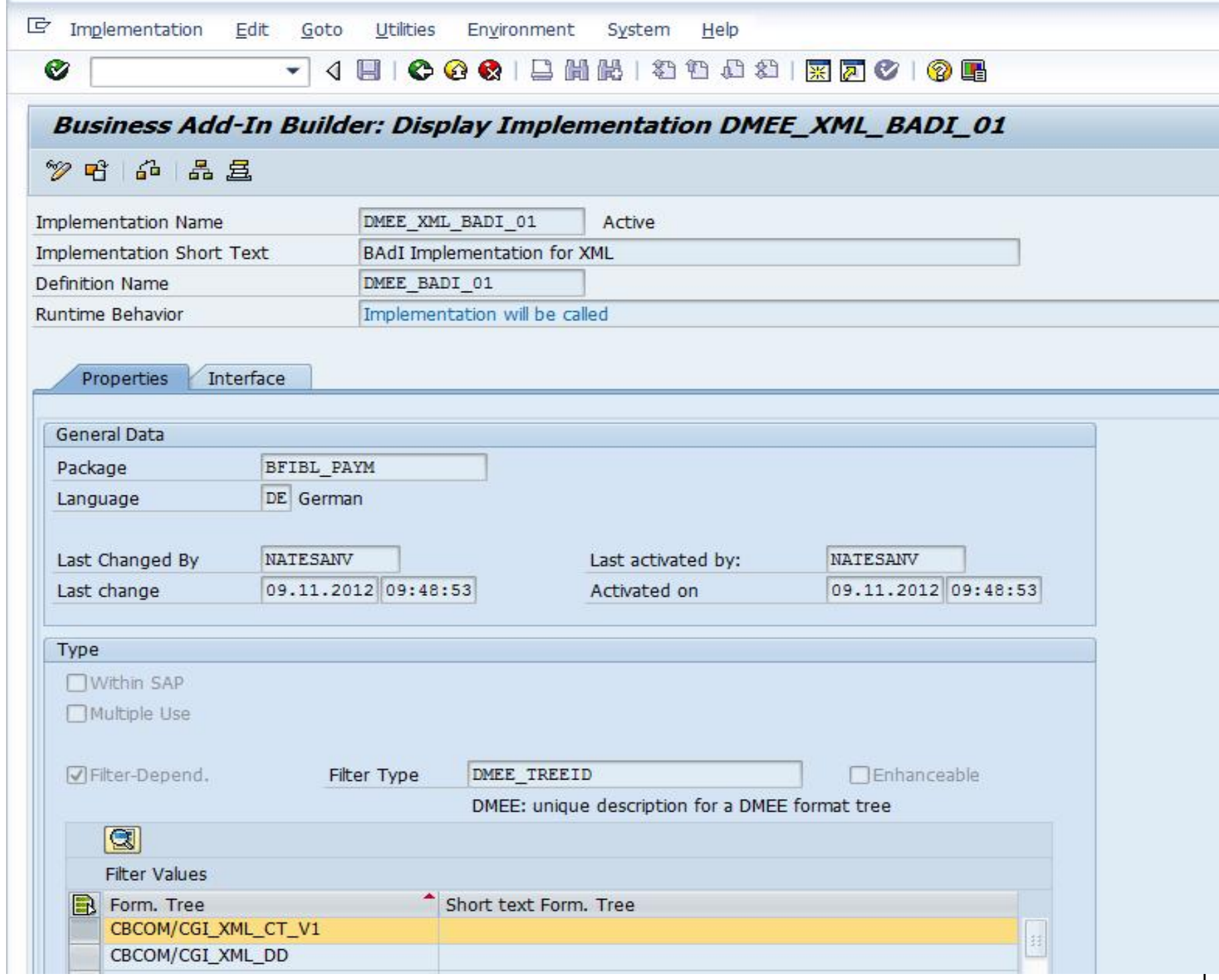
Step #	Description	Additional Information
		
8	Save the changes and activate the implementation.	

Table 1 – PMW/DME Configuration

2.1.3 Finance (FI) Configuration Details

The following section details the Finance configuration required. All configuration settings will be required to support the processes for payments within SAP. The configuration section has been split into the following sections:

Section Name	Overview
Balance Sheet Account	To manage the reconciliation process
House Bank	New house bank for Westpac related payment processing
Payment Method	New payment methods specifically for payments made for Westpac
Automatic Clearing Process	Configuration to support the automatic reconciliation process

2.1.3.1 Westpac Balance Sheet Account

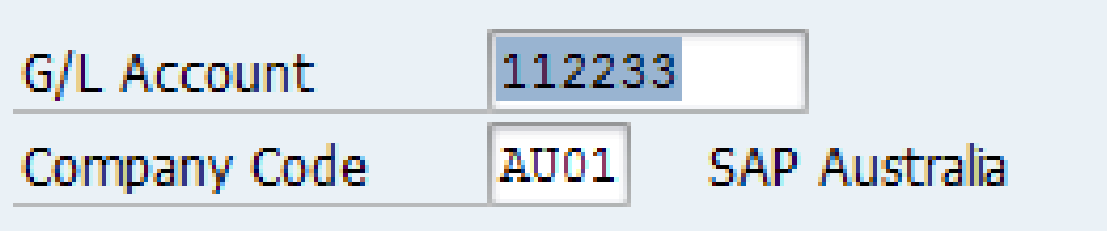
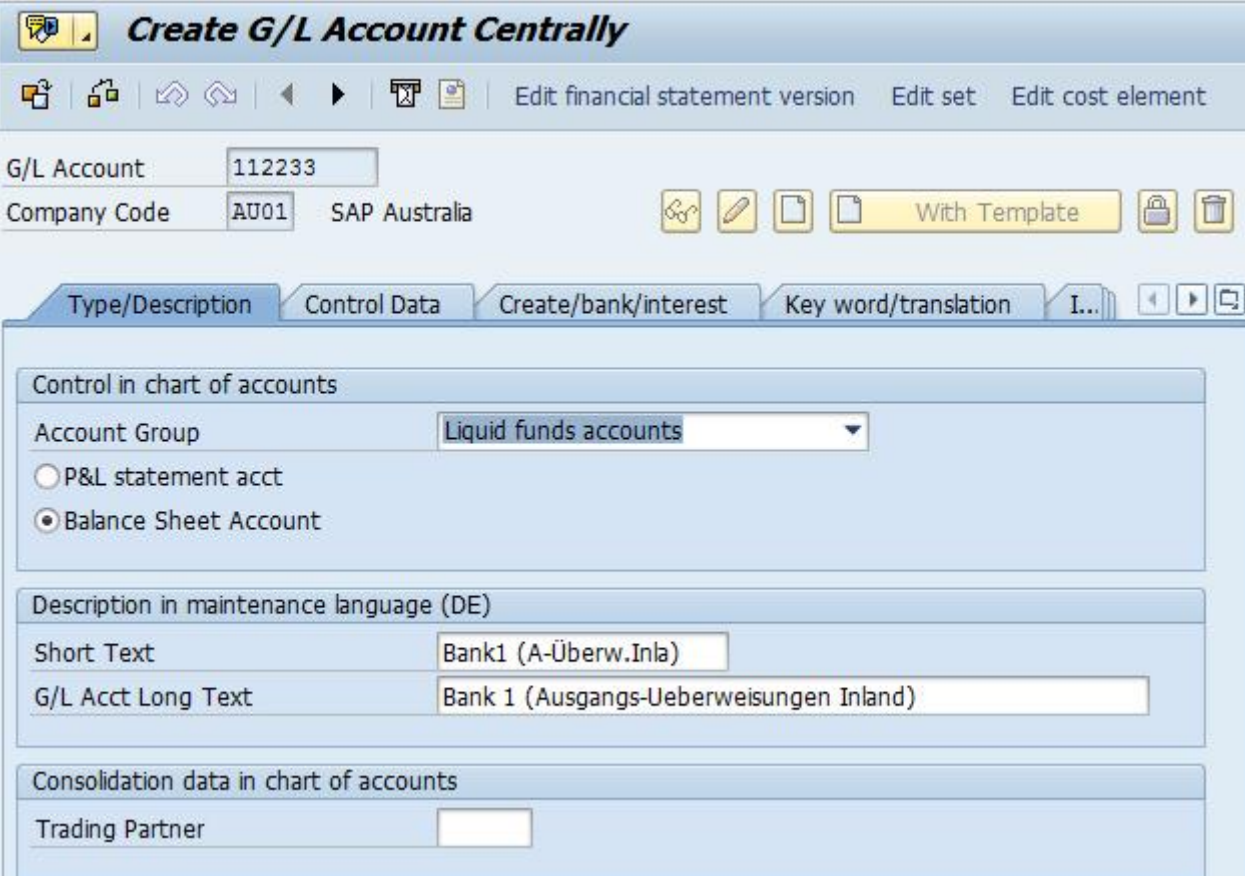
Use

G/L Account to perform payments to Vendors and customers and for reconciling payments via Bank statements

Prerequisites

None

Procedure

Step #	Description	Additional Information
1.	SAP Menu	Accounting -> Financial Accounting -> General Ledger -> Master Records -> GL Accounts -> Individual Processing -> Centrally
2.	Enter the GL account number that you wish to create (depends on the number ranges set up within the Chart or Accounts) in the ' G/L account no ' field and the ' Company Code ' for the account	 <p>G/L Account: 112233 Company Code: AU01 SAP Australia</p>
3.	Click on the ' Create with Template '	
4.	Enter an existing Account number that is currently used as a clearing account that is already set up within the existing configuration and the company code and press ' Enter '	
5.	<p>On the Type/description tab page, check and amend the following:</p> <ul style="list-style-type: none"> • Check the 'Account group' is correct • Ensure 'Balance sheet account' radio-button is selected • Change the 'Short Text' and the 'Long Text' as required • Check the 'Group account number' 	 <p>Create G/L Account Centrally</p> <p>G/L Account: 112233 Company Code: AU01 SAP Australia</p> <p>With Template</p> <p>Type/Description Control Data Create/bank/interest Key word/translation</p> <p>Control in chart of accounts Account Group: Liquid funds accounts <input type="radio"/> P&L statement acct <input checked="" type="radio"/> Balance Sheet Account</p> <p>Description in maintenance language (DE) Short Text: Bank1 (A-Überw.Inla) G/L Acct Long Text: Bank 1 (Ausgangs-Ueberweisungen Inland)</p> <p>Consolidation data in chart of accounts Trading Partner: </p>

Step #	Description	Additional Information
6.	<p>on the 'Control data' tab page, check and amend the following:</p> <ul style="list-style-type: none"> 'Account currency' is AUD Ensure 'Open item management' and 'Line item display' are selected. 	
7.	<p>Check the details on the Create/bank/interest tab page and 'Save' the Data</p>	

Table 2 – Westpac Balance Sheet Account Configuration

2.1.3.2 House Bank

Use

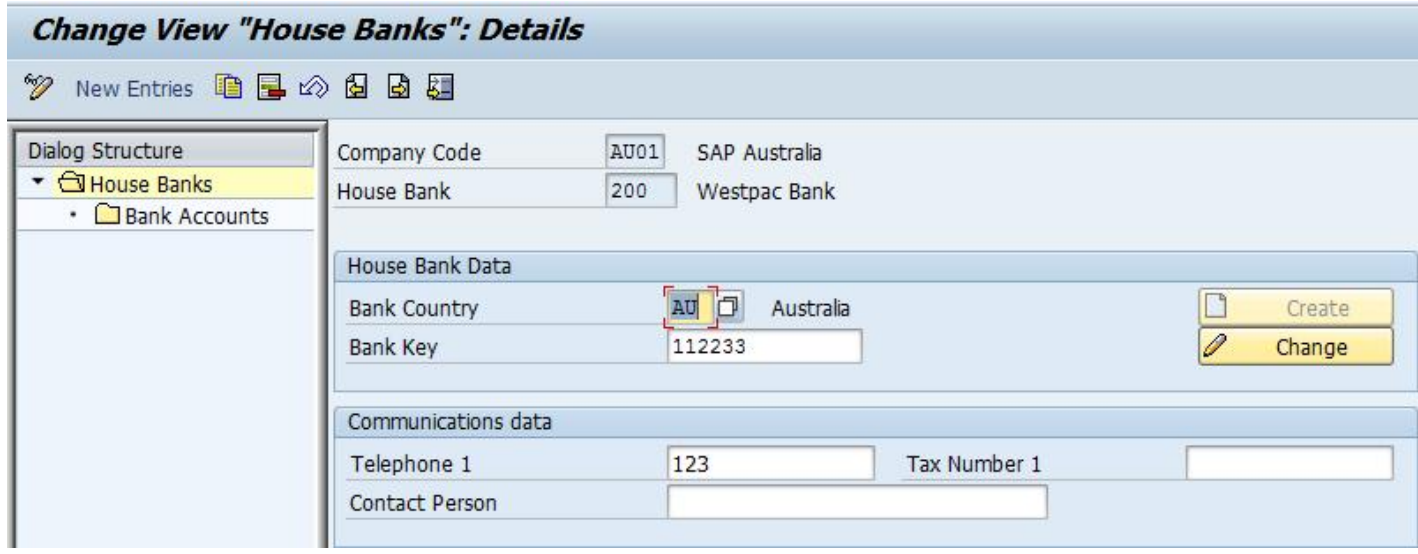
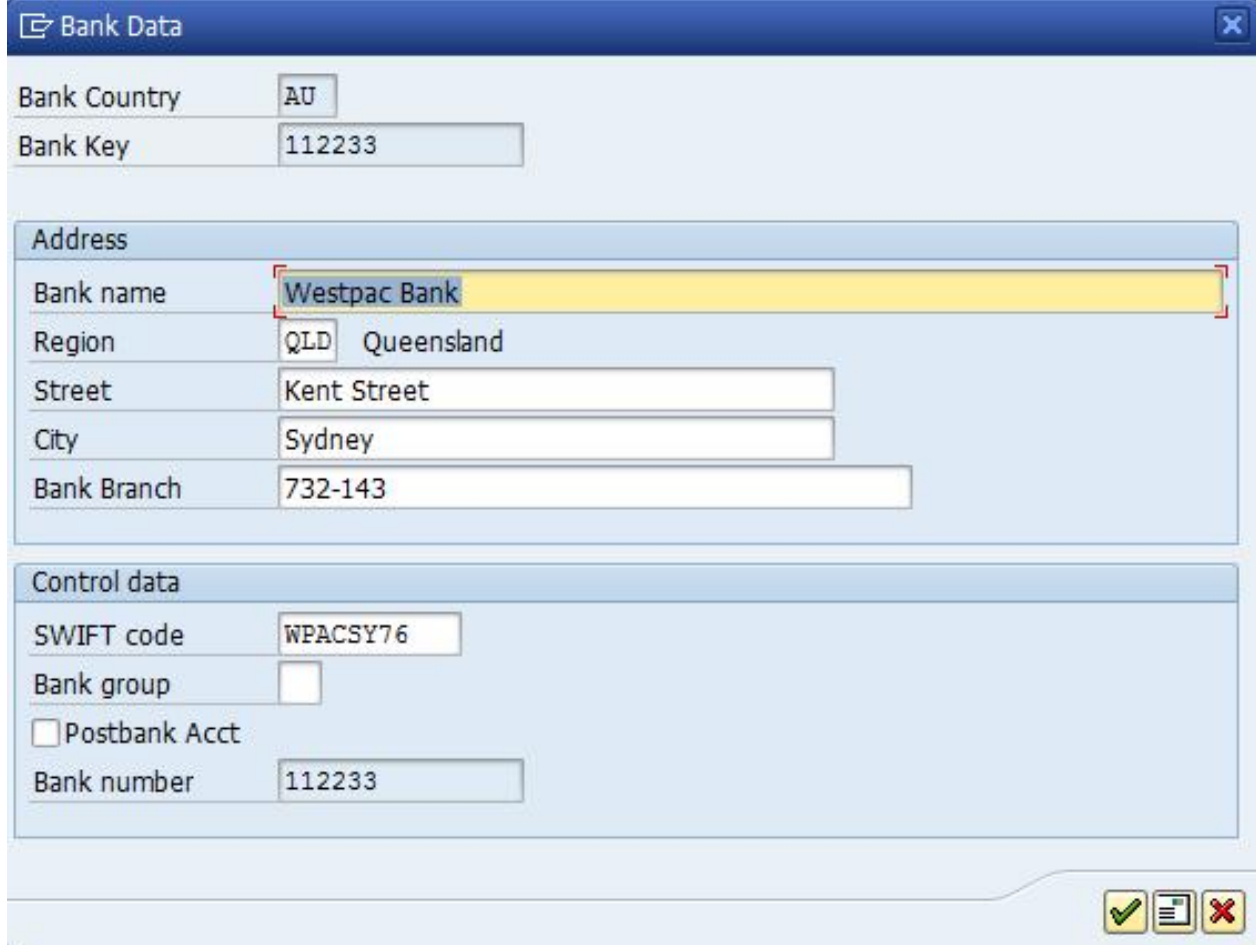
Create a new House Bank to manage all Westpac related payments. This will keep the payment processing of Westpac related invoices separate from invoices paid by existing methods.

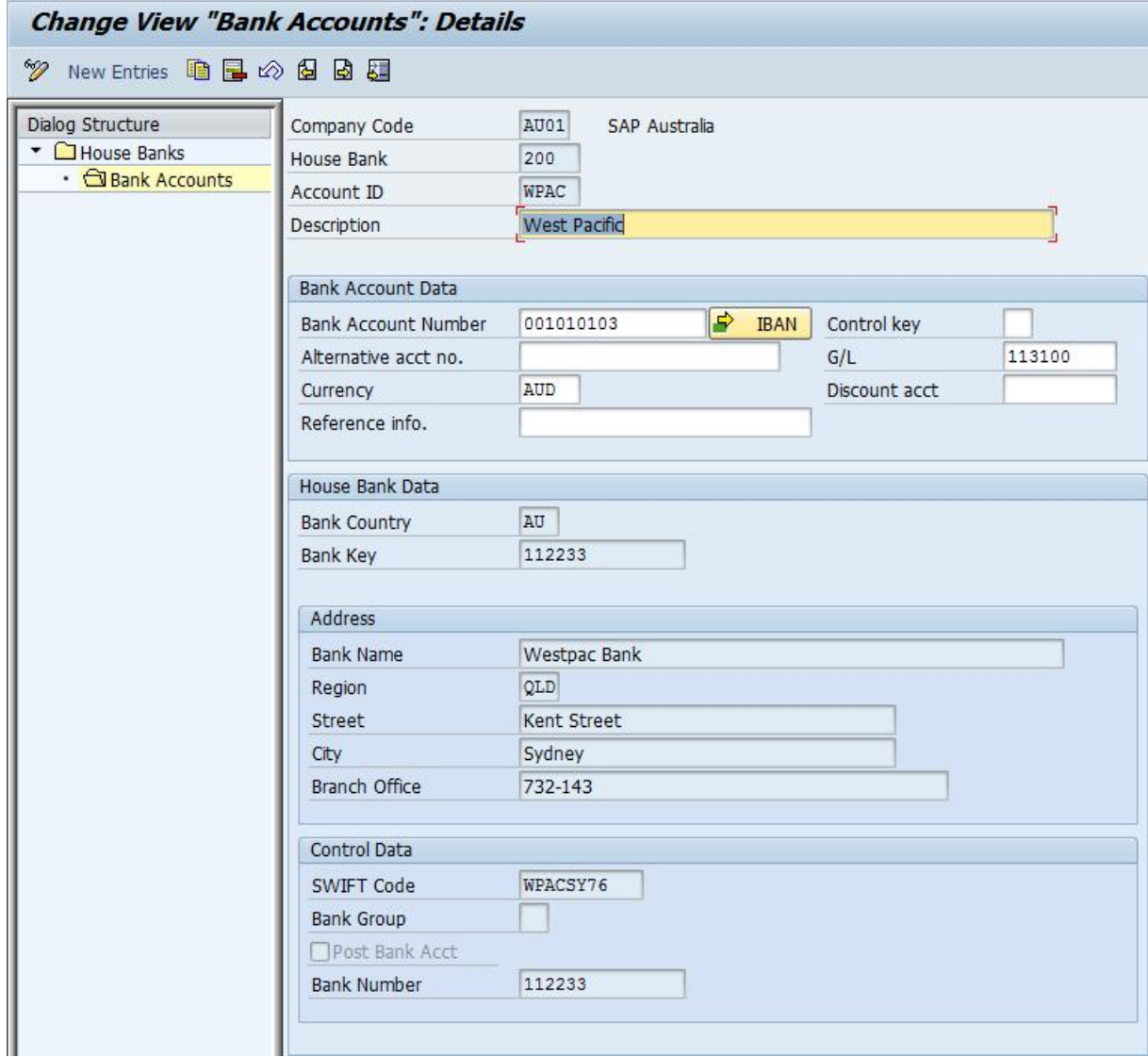
Prerequisites

None

Procedure

Step #	Description	Additional Information
House Bank		
1.	IMG Path	Financial Accounting -> Bank Accounting -> bank Accounts -> Define House Banks
2.	Enter the ' Company Code ' for the House Bank and press ' Enter '	
3.	Press ' New Entries '	

Step #	Description	Additional Information
4.	Enter the following data: <ul style="list-style-type: none"> • 'House bank – Appropriate Identifier as per your naming conventions • 'Bank Country' as AU • 'Bank Key' – Enter a 6 digit Bank Key 	
5.	Press 'Create' to create the bank record	
6.	Enter details in the popup for the bank data. Bank Branch – Branch BSB Code Swift Code (If available)	
7.	Press 'Save' and add the configuration to a Customizing transport request	
8.	Double click on 'Bank Accounts' on the left hand menu	
9.	Press 'New Entries'	

Step #	Description	Additional Information
10.	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'Account ID' - Appropriate Identifier as per your naming convention • 'Description' • 'Bank Account Number' • 'Currency' as AUD 	
11.	<p>Press 'Save' and add the configuration to a Customizing transport request</p>	

2.1.3.3 Payment Method

Use

As part of the solution a payment method is required to be set up. This payment method will be used to:

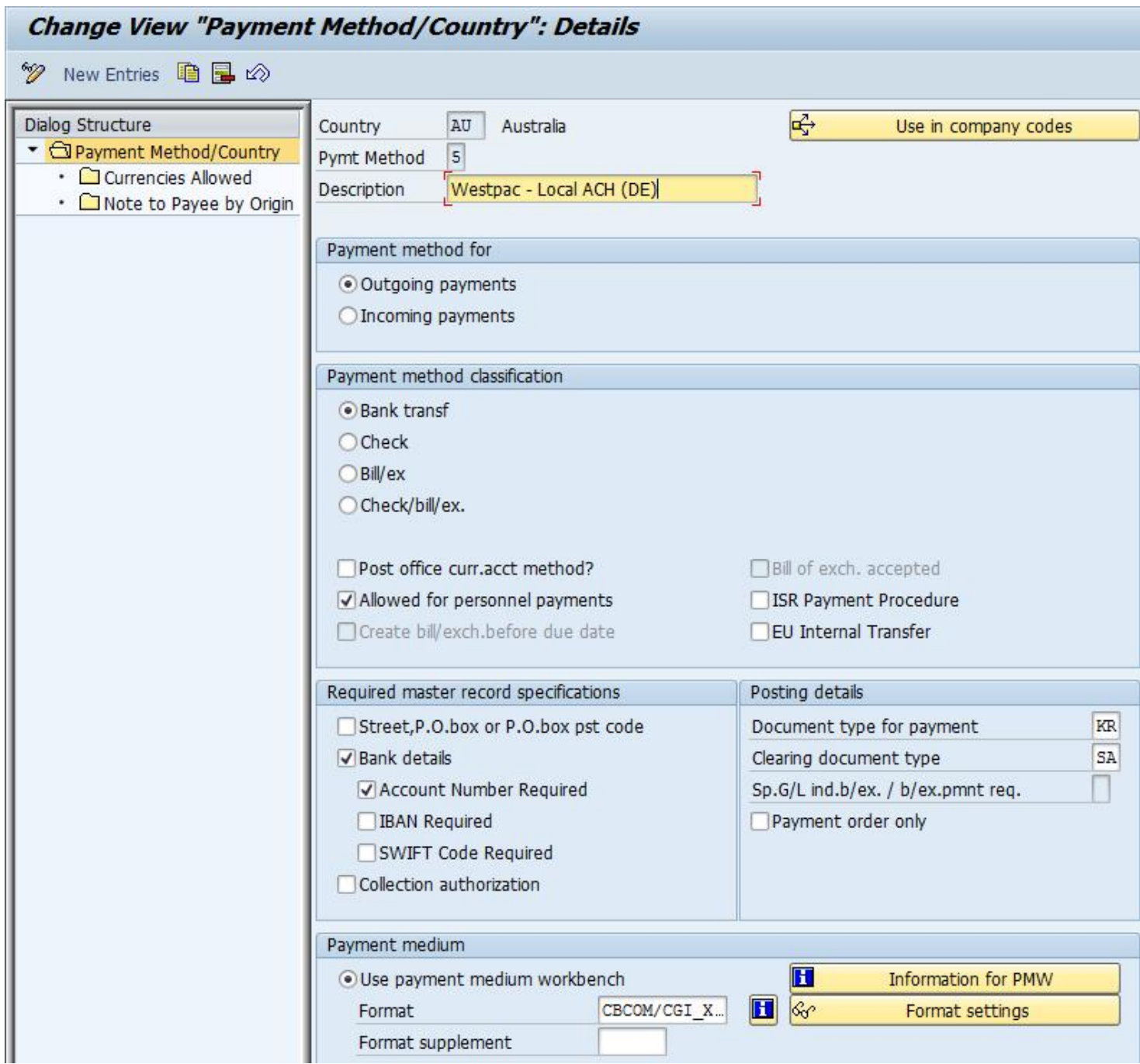
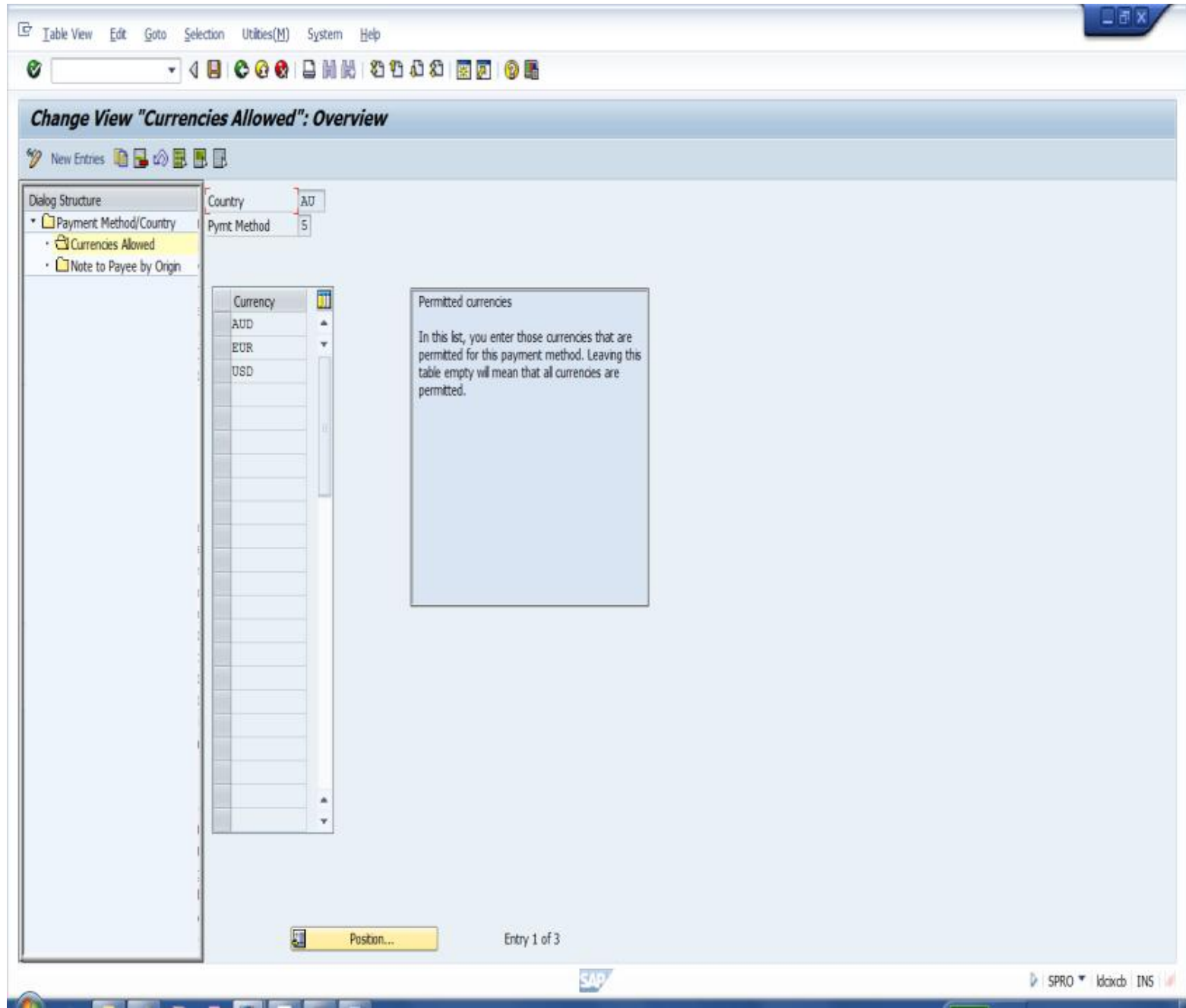
- Group invoices to be paid by Westpac
- Ensure the appropriate payment file is generated within SAP and transmitted to Westpac

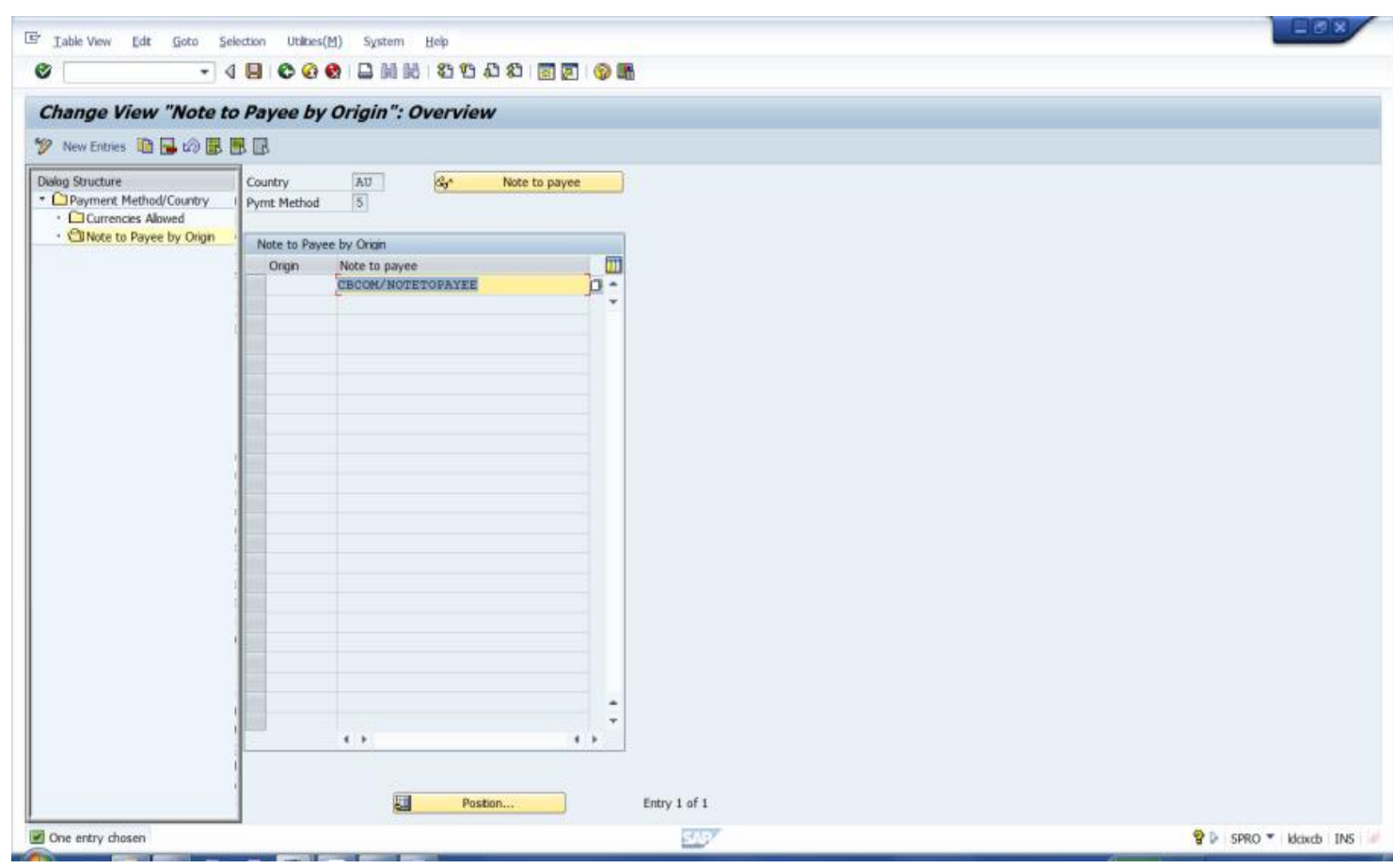
Prerequisites

- It is assumed the configuration related to setting up the company code for payment transactions will have already been configured
- Configuration of the Westpac format using the PMW (see later section in this guide)
- New House Bank
- Creation of Westpac balance sheet account

Procedure

Step #	Description	Additional Information
Payment Methods Per Country(For Credit Transfer)		
1.	IMG Path	Financial Accounting -> Accounts Receivable and Accounts Payable -> Business Transactions -> Outgoing Payments -> Automatic Outgoing Payments -> Payment Method/Bank Selection for Payment Program -> Set Up Payment Methods per Country for Payment Transactions

2.	Press 'New Entries'	
3.	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'Country' code as AU • 'Pymt method' shown on the example as 5 • 'Description' • Select the 'Outgoing payments' radio button • Select the 'Bank transf' payment method classification • Enter the 'Document type for payment' and • the 'Clearing document type' • Select 'Use payment medium workbench' and enter the format CBCOM/CGI_XML_CT_V1 or select from F4 help for credit Payment method 	 <p>Example shows 'CBCOM/CGI_XML_CT_V1' as the file generation method</p> 
4.	Create and Assign Note to	

	Payee	
5.	'Save' the data and add the configuration to Customizing transport request	
Payment Methods Per Country(For Direct debit)		
6.	IMG Path	Financial Accounting -> Accounts Receivable and Accounts Payable -> Business Transactions -> Outgoing Payments -> Automatic Outgoing Payments -> Payment Method/Bank Selection for Payment Program -> Set Up Payment Methods per Country for Payment Transactions
7	Press ' New Entries '	
8.	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'Country' code as AU • 'Pymt method' shown on the example as 5 • 'Description' • Select the 'Incoming payments' radio button • Select the appropriate classification for Payment methods either 'Bank transf' / Check • Enter the 'Document type for payment' and • 'Clearing document type' <p>Select '<i>Use payment medium workbench</i>' and enter the format</p>	

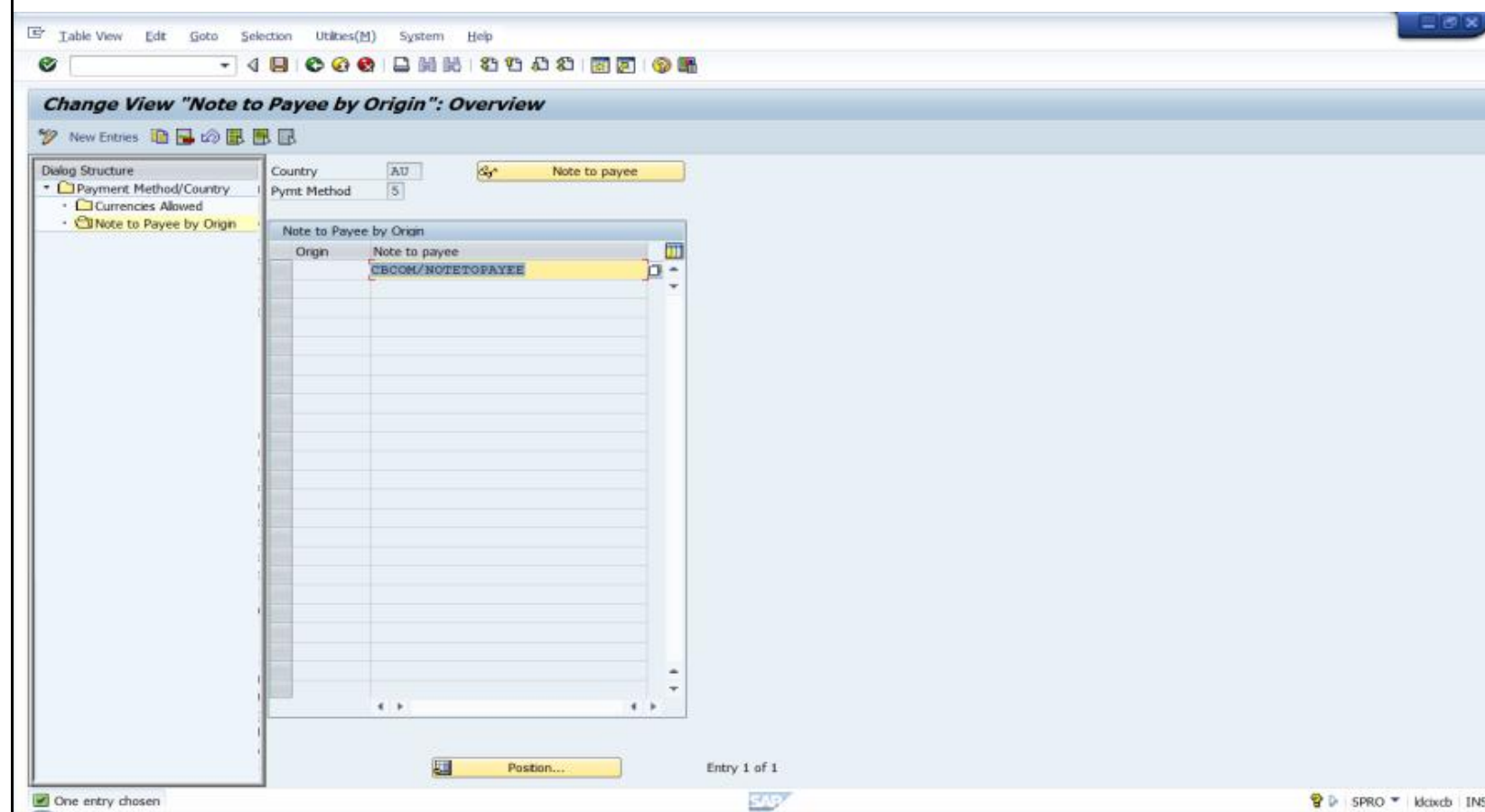
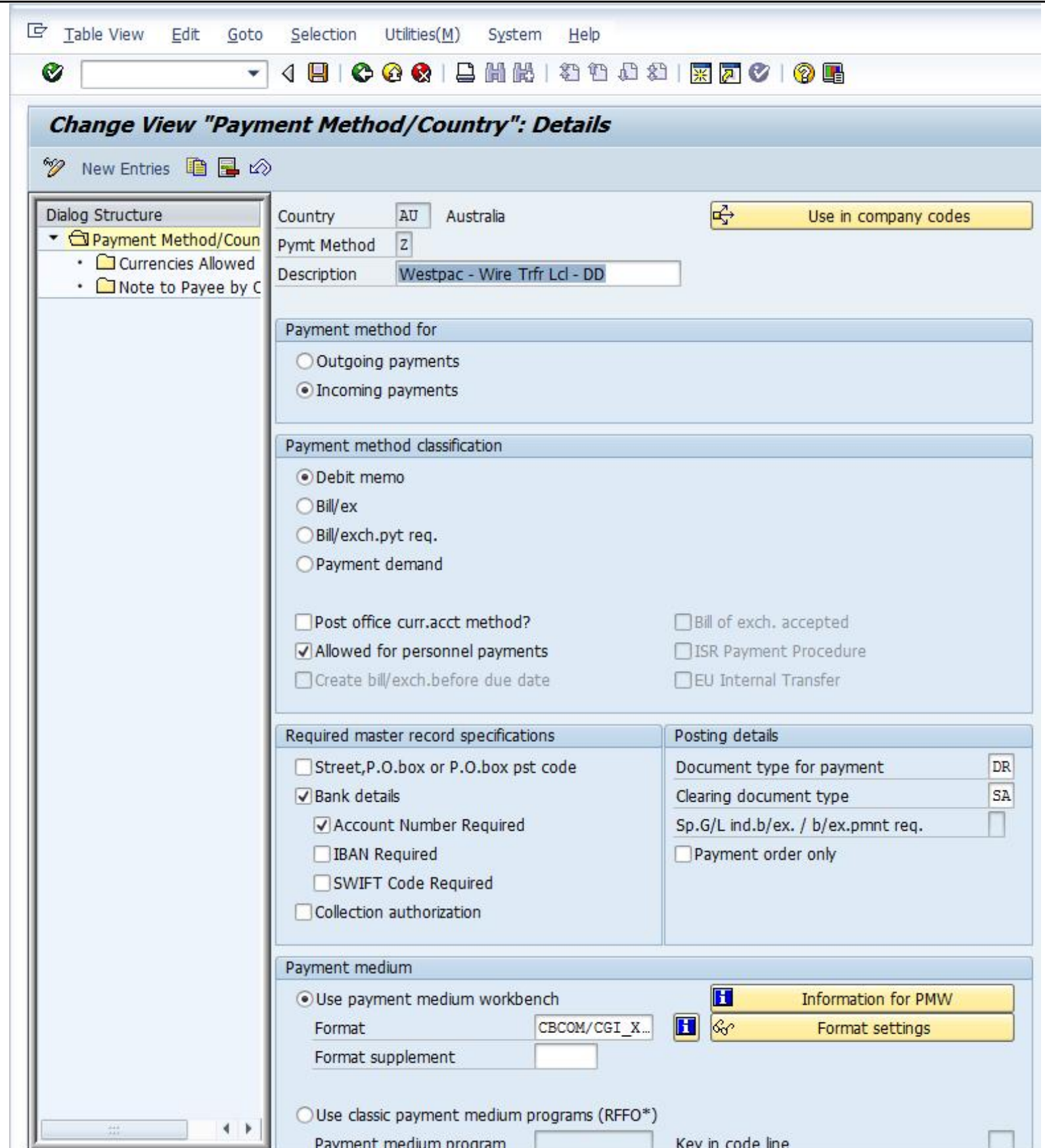
9.

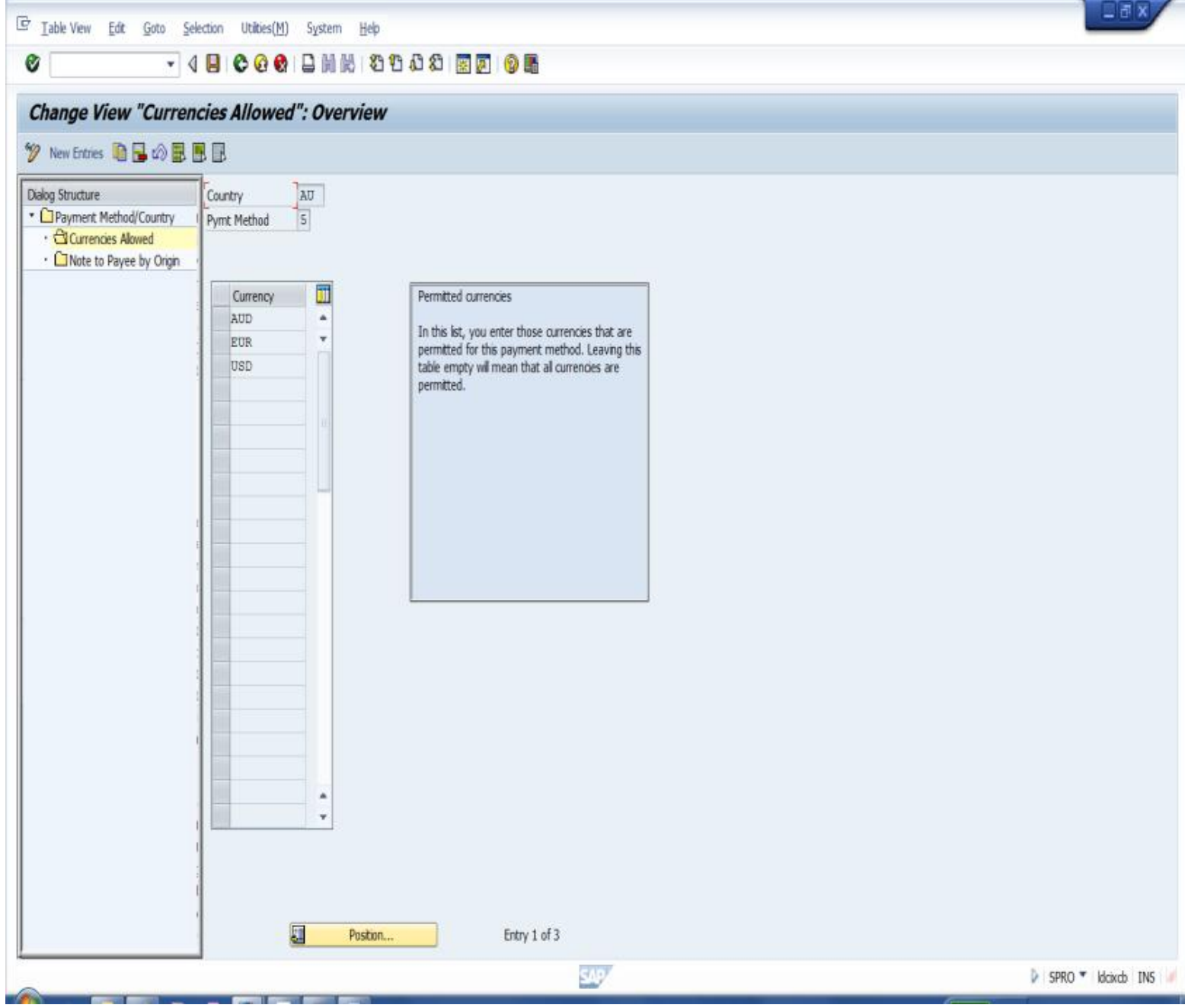
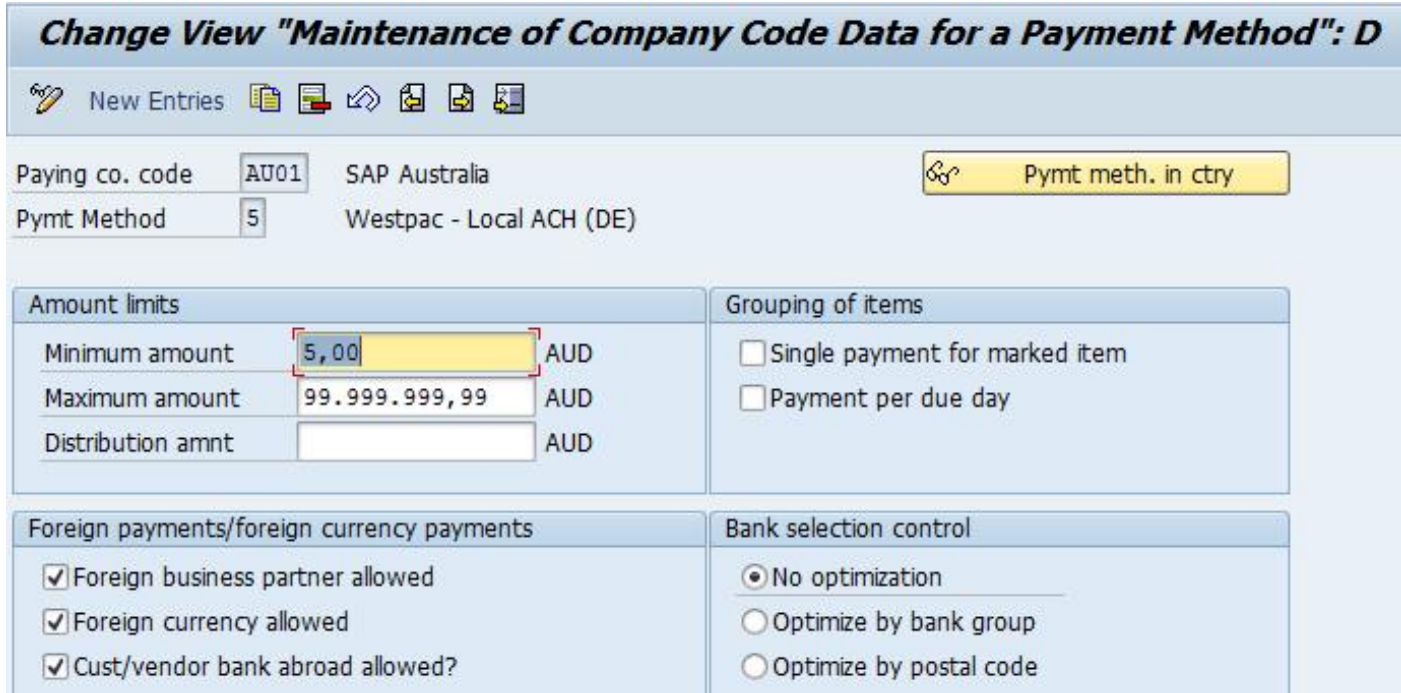
CBCOM/CGI_XML_DD DMEE for Direct Debit Payment Method


Create and Assign Note- to – Payee by Origin

10.

Select currencies allowed



		
11	'Save' the data and add the configuration to Customizing transport request	
<p>Payment Methods Per Company Code</p>		
1	IMG Path	Financial Accounting -> Accounts Receivable and Accounts Payable -> Business Transactions -> Outgoing Payments -> Automatic Outgoing Payments -> Payment Method/Bank Selection for Payment Program -> Set Up Payment Methods per Company Code for Payment Transactions
2	Press ' New Entries '	
3.	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'Paying co. code' from which the invoices will be paid from • Enter Pymt Method as shown • Enter Minimum amount (company-dependent) • Enter Maximum amount (company dependent) 	
4.	'Save' the data and add the	

	configuration to Customizing transport request	
Bank Determination		
5.	IMG Path	Financial Accounting -> Accounts Receivable and Accounts Payable -> Business Transactions -> Outgoing Payments -> Automatic Outgoing Payments -> Payment Method/Bank Selection for Payment Program -> Set Up Bank Determination for Payment Transactions
6.	Select the company code required and select ' Ranking Order ' on the left hand menu	
7.	Click on the ' New Entries ' icon	
8.	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'Payment method' as previously created • 'Currency' as AUD • 'Rank Order' as 1 • 'House Bank' as previously created 	
9.	' Save ' the data and add the configuration to Customizing transport request	
10.	Select ' Bank Accounts ' on the left hand menu	
11.	Click on the ' New Entries ' icon	

<p>12.</p>	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'House Bank' as previously created • 'Payment method' as previously created • 'Currency' as AUD • The 'Account ID' from which payments are to be made as previously created • Enter the Bank Subaccount – This will be the balance sheet account where the cleared invoice documents are reconciled. 	<table border="1"> <caption>Bank Accounts</caption> <thead> <tr> <th>House ...</th> <th>P..</th> <th>Curr...</th> <th>Accoun...</th> <th>Bank subaccount</th> <th>Clear.acct</th> <th>Charge ind</th> <th>Bu...</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>5</td> <td>AUD</td> <td>WPAC</td> <td>3102</td> <td></td> <td></td> <td></td> </tr> <tr> <td>200</td> <td>5</td> <td>EUR</td> <td>WPAC</td> <td>113102</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	House ...	P..	Curr...	Accoun...	Bank subaccount	Clear.acct	Charge ind	Bu...	200	5	AUD	WPAC	3102				200	5	EUR	WPAC	113102			
House ...	P..	Curr...	Accoun...	Bank subaccount	Clear.acct	Charge ind	Bu...																			
200	5	AUD	WPAC	3102																						
200	5	EUR	WPAC	113102																						
<p>13.</p>	<p>'Save' the data and add the configuration to a Westpac-specific Customizing transport request</p>																									
<p>14.</p>	<p>Select 'Available Amounts' on the left hand menu</p>																									
<p>15.</p>	<p>Click on the 'New Entries' icon</p>																									
<p>16.</p>	<p>Enter the following data:</p> <ul style="list-style-type: none"> • 'House Bank' as previously created • 'Account ID' as previously created 	<table border="1"> <caption>Available Amounts</caption> <thead> <tr> <th>House ba...</th> <th>Accoun...</th> <th>Days</th> <th>Currency</th> <th>Available for outgoing ...</th> <th>Scheduled incoming pa...</th> </tr> </thead> <tbody> <tr> <td>200</td> <td>WPAC</td> <td>5</td> <td>AUD</td> <td>1.000.000,00</td> <td>1.000.000,00</td> </tr> <tr> <td>200</td> <td>WPAC</td> <td>5</td> <td>EUR</td> <td>1.000.000,00</td> <td>1.000.000,00</td> </tr> </tbody> </table>	House ba...	Accoun...	Days	Currency	Available for outgoing ...	Scheduled incoming pa...	200	WPAC	5	AUD	1.000.000,00	1.000.000,00	200	WPAC	5	EUR	1.000.000,00	1.000.000,00						
House ba...	Accoun...	Days	Currency	Available for outgoing ...	Scheduled incoming pa...																					
200	WPAC	5	AUD	1.000.000,00	1.000.000,00																					
200	WPAC	5	EUR	1.000.000,00	1.000.000,00																					

	<ul style="list-style-type: none"> • 'Days' as 999 • 'Currency' as AUD • 'Available for outgoing payments' as 1000000000 	
17.	'Save' the data and add the configuration to a Customizing transport request	

2.1.3.4 Bank Statement Processing

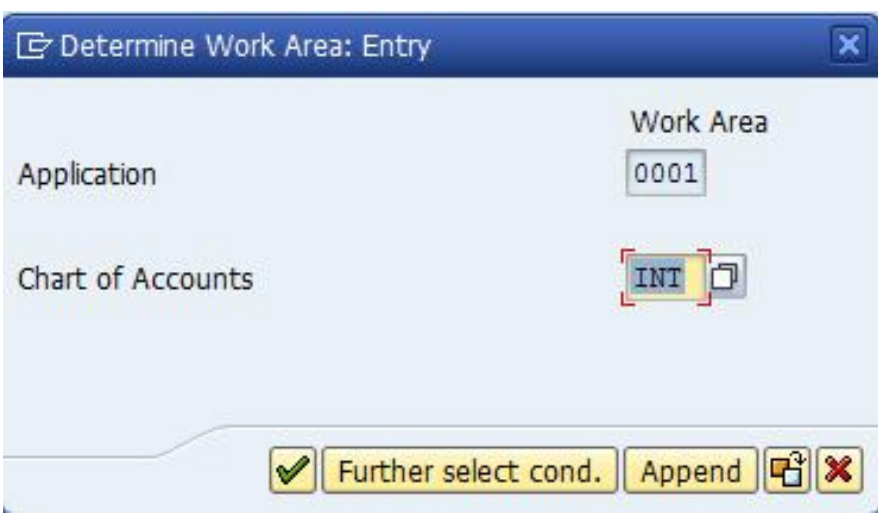
Use

In your system, each payment made to an individual supplier will be posted as an individual FI document. The bank will process the payments as advised and send the reconciliation status of payments at the end of the day to you. The following section details the necessary configuration to be done for processing bank statements automatically.

Prerequisites

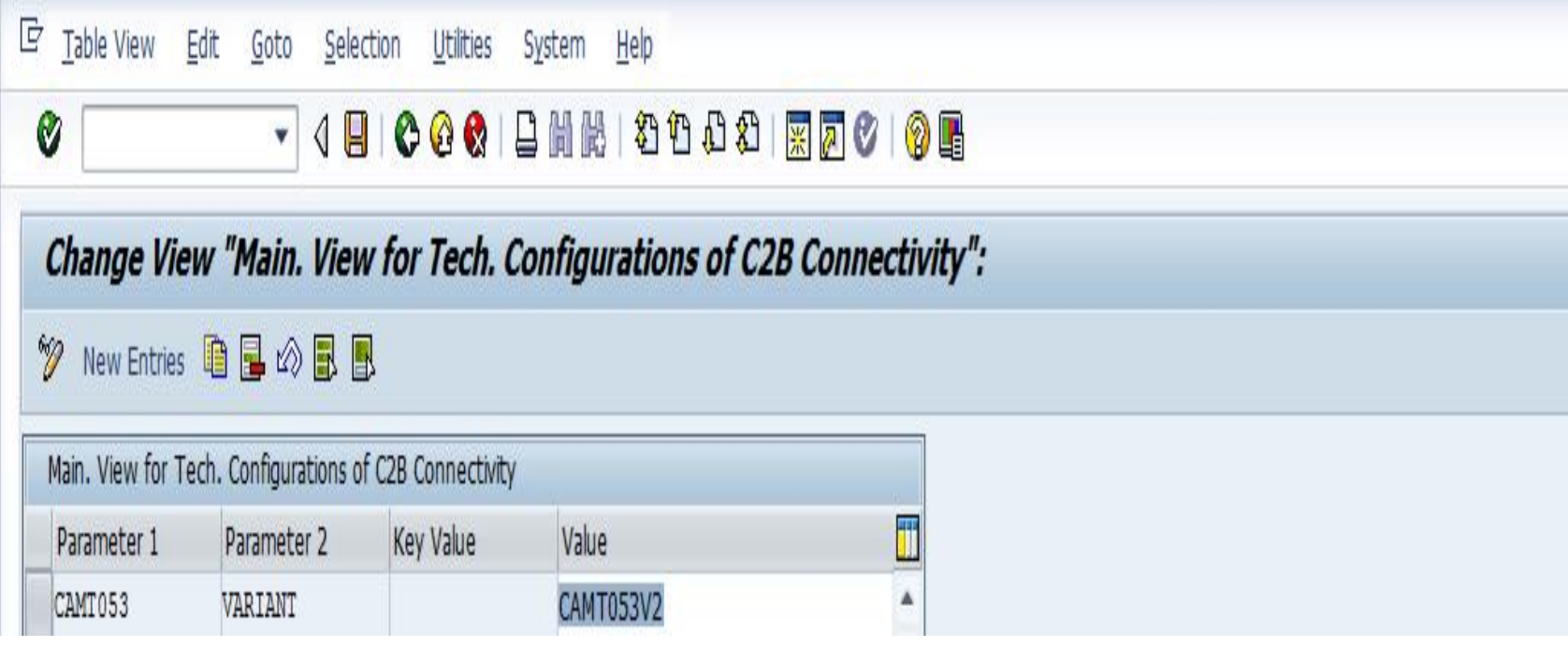
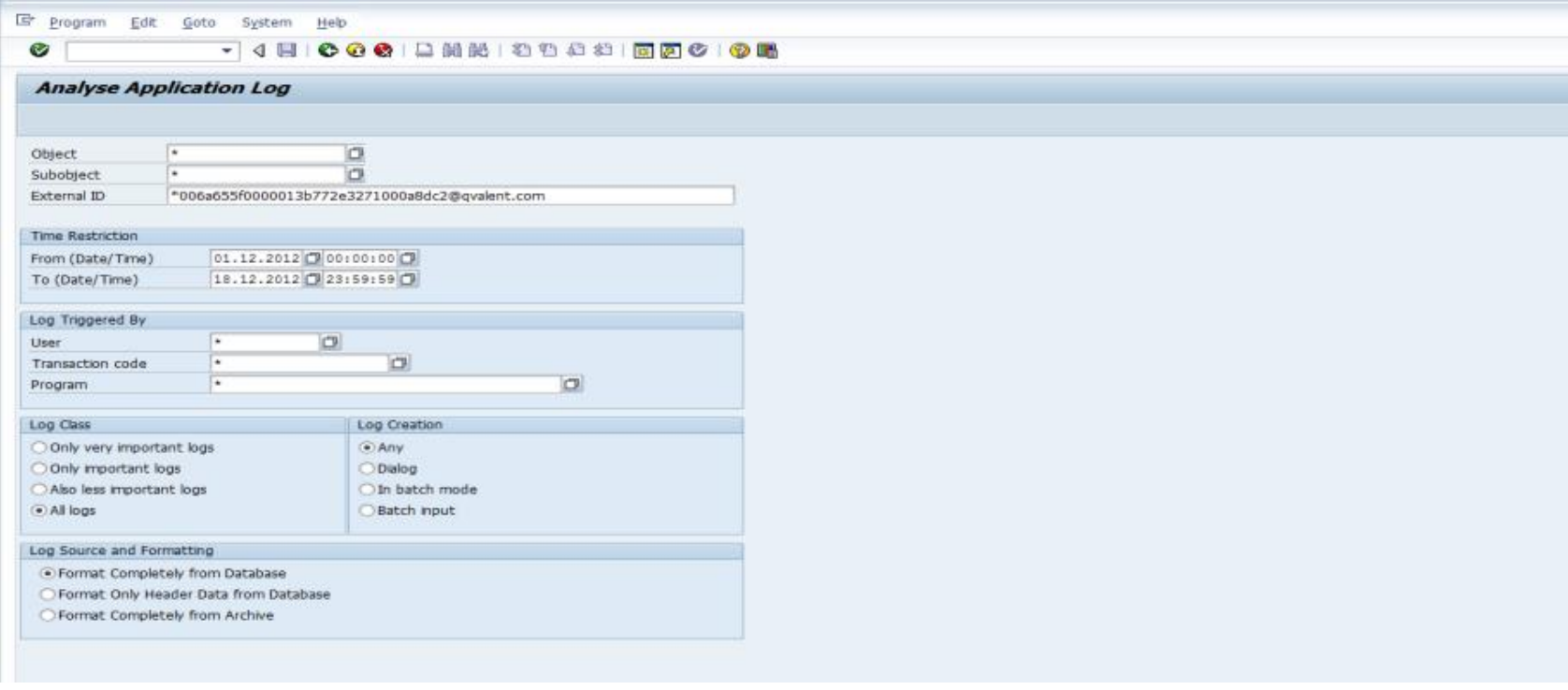
- Balance Sheet Account
- SAP Note 1686264,1729745 are installed

Procedure

Step #	Description	Additional Information
Automatic Clearing		
	IMG Path	Bank Accounting -> Business Transactions -> Payment Transactions -> Electronic Bank Statement -> Make Global Settings for Electronic Bank Statement
	Enter Appropriate Chart of account and press Enter.	

Step #	Description	Additional Information																																																																		
	<ul style="list-style-type: none"> Select <i>Create Transaction Type</i>, then select tab page <i>New Entries</i>. Enter transaction type and name as shown. Save. 	<table border="1"> <thead> <tr> <th>Trans. type</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>z-91</td> <td>Westpac Bank</td> </tr> </tbody> </table>	Trans. type	Name	z-91	Westpac Bank																																																														
Trans. type	Name																																																																			
z-91	Westpac Bank																																																																			
	<ul style="list-style-type: none"> Choose the entry which is created in step 3 (i.e. z-91) Select 'Assign External Transaction Types to Posting Rules'. (Before performing these steps, consult the bank on possible external transaction codes) Select tab page <i>New Entries</i> Assign External Transaction, Sign, Posting Rule and Interpretation Algorithm as shown. Save. 	<table border="1"> <thead> <tr> <th>External transaction</th> <th>+/...</th> <th>Posting rule</th> <th>Interpretation Algorithm</th> <th>P</th> <th>Processing</th> </tr> </thead> <tbody> <tr> <td>PMNTICDIASET</td> <td>-</td> <td>/CBS</td> <td>909 Customer-Specific Interpreta...</td> <td></td> <td>Dummy er</td> </tr> <tr> <td>PMNTICDISDVA</td> <td>-</td> <td>/CBS</td> <td>909 Customer-Specific Interpreta...</td> <td></td> <td>Dummy er</td> </tr> </tbody> </table>	External transaction	+/...	Posting rule	Interpretation Algorithm	P	Processing	PMNTICDIASET	-	/CBS	909 Customer-Specific Interpreta...		Dummy er	PMNTICDISDVA	-	/CBS	909 Customer-Specific Interpreta...		Dummy er																																																
External transaction	+/...	Posting rule	Interpretation Algorithm	P	Processing																																																															
PMNTICDIASET	-	/CBS	909 Customer-Specific Interpreta...		Dummy er																																																															
PMNTICDISDVA	-	/CBS	909 Customer-Specific Interpreta...		Dummy er																																																															
	<ul style="list-style-type: none"> Select tab page <i>Assign Bank Accounts to Transaction Types</i>. Select tab page <i>New Entries</i> Fill entries as shown and save. 	<table border="1"> <thead> <tr> <th>Bank Key</th> <th>Bank Account</th> <th>Trans. type</th> <th>Cu...</th> <th>P...</th> <th>Su...</th> <th>Co...</th> <th>Cash Mana...</th> <th>Worklist</th> <th>N...</th> <th>D</th> </tr> </thead> <tbody> <tr> <td>112233</td> <td>001010103</td> <td>Z_91</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1122334</td> <td>001010101</td> <td>Z_91</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>1122334</td> <td>123456789</td> <td>Z_91</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>123456</td> <td>222222222222</td> <td>ZA</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>12345678</td> <td></td> <td>MC</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Bank Key	Bank Account	Trans. type	Cu...	P...	Su...	Co...	Cash Mana...	Worklist	N...	D	112233	001010103	Z_91									1122334	001010101	Z_91									1122334	123456789	Z_91									123456	222222222222	ZA									12345678		MC								
Bank Key	Bank Account	Trans. type	Cu...	P...	Su...	Co...	Cash Mana...	Worklist	N...	D																																																										
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1122334	123456789	Z_91																																																																		
123456	222222222222	ZA																																																																		
12345678		MC																																																																		

Step #	Description	Additional Information
	<ul style="list-style-type: none"> Deactivate default BAdI Implementation for CAM053 Processing and Implement your corporate-specific CAMT053 reconciliation BAdI IMG path <p>Financial Supply Chain Management->Corporate Connectivity for Westpac->Business Add-Ins->BAdI : Implementation for CAMT Processing</p>	
	<ul style="list-style-type: none"> Maintain a Variant for CAMT053 Processing in Standard FF.5 Transaction. 	
	<ul style="list-style-type: none"> Maintain the Variant details in Technical Configuration Settings in following IMG path. 	

Step #	Description	Additional Information
	<p><i>Financial Supply Chain Management- >Corporate Connectivity for Westpac->Corporate Technical Configurations- >Maintain Technical Configurations (Inbound, Outbound and Encryption).</i></p> <ul style="list-style-type: none"> • <i>Enter below Details for various fields</i> <ul style="list-style-type: none"> ○ <i>Parameter1 → CAMT053</i> ○ <i>Parameter2 -> VARIANT</i> ○ <i>Value -> 'Enter the Variant created in Previous Step'</i> 	
	<ul style="list-style-type: none"> • <i>Verification of CAMT053 message Processing</i> • <i>Enter Transaction Code SLG1 and External ID (Message ID of CAMT053 message) and execute.</i> • <i>Detailed processing log of the message will be displayed.</i> 	

Step #	Description	Additional Information																																				
		<p>The screenshot shows the SAP 'Display logs' window. The main table contains the following data:</p> <table border="1"> <thead> <tr> <th>Date/Time/User</th> <th>Nu...</th> <th>External ID</th> <th>Object txt</th> <th>Sub-object text</th> <th>Tran</th> <th>Program</th> <th>Mode</th> <th>Log number</th> </tr> </thead> <tbody> <tr> <td>12.12.2012 11:16:02 NATESAN</td> <td>5</td> <td>006a655f0000...</td> <td>/CBCOM/C2B</td> <td>/CBCOM/INB</td> <td>SPROXY</td> <td>Dialog pro...</td> <td></td> <td>0000000000000001964</td> </tr> <tr> <td>12.12.2012 11:16:39 NATESAN</td> <td>5</td> <td>006a655f0000...</td> <td>/CBCOM/C2B</td> <td>/CBCOM/INB</td> <td>SPROXY</td> <td>Dialog pro...</td> <td></td> <td>0000000000000001965</td> </tr> <tr> <td>12.12.2012 11:17:02 NATESAN</td> <td>5</td> <td>006a655f0000...</td> <td>/CBCOM/C2B</td> <td>/CBCOM/INB</td> <td>SPROXY</td> <td>Dialog pro...</td> <td></td> <td>0000000000000001966</td> </tr> </tbody> </table> <p>The 'Selected Logs' section below shows the following message text:</p> <ul style="list-style-type: none"> 006a655f000013b772e3271000a8dc2@qvalent.com processing started for file ID message details in <file content> tag decoded details in <file content> tag decrypted CAMT053 Payment Statement Processing Job Scheduled Successfully. Processing completed with file ID 006a655f000013b772e3271000a8dc2@qvalent.com 	Date/Time/User	Nu...	External ID	Object txt	Sub-object text	Tran	Program	Mode	Log number	12.12.2012 11:16:02 NATESAN	5	006a655f0000...	/CBCOM/C2B	/CBCOM/INB	SPROXY	Dialog pro...		0000000000000001964	12.12.2012 11:16:39 NATESAN	5	006a655f0000...	/CBCOM/C2B	/CBCOM/INB	SPROXY	Dialog pro...		0000000000000001965	12.12.2012 11:17:02 NATESAN	5	006a655f0000...	/CBCOM/C2B	/CBCOM/INB	SPROXY	Dialog pro...		0000000000000001966
Date/Time/User	Nu...	External ID	Object txt	Sub-object text	Tran	Program	Mode	Log number																														
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12.12.2012 11:16:39 NATESAN	5	006a655f0000...	/CBCOM/C2B	/CBCOM/INB	SPROXY	Dialog pro...		0000000000000001965																														
12.12.2012 11:17:02 NATESAN	5	006a655f0000...	/CBCOM/C2B	/CBCOM/INB	SPROXY	Dialog pro...		0000000000000001966																														

Table 3 – Automatic Clearing Program Configuration

2.1.4 Integration with BCM

Use

When payment run concludes, payment collector is created which merges the payment runs, thereby creating one virtual payment run. Single payments of the payment collector are grouped into batches. The grouping of payments is subject to batching rules, which define the criteria for group payments to batches.

The system creates a payment file for each single batch. The approval strategy for batches before the system can create the payment file as well as the payment batch status can be handled by SAP configuration.

Prerequisites

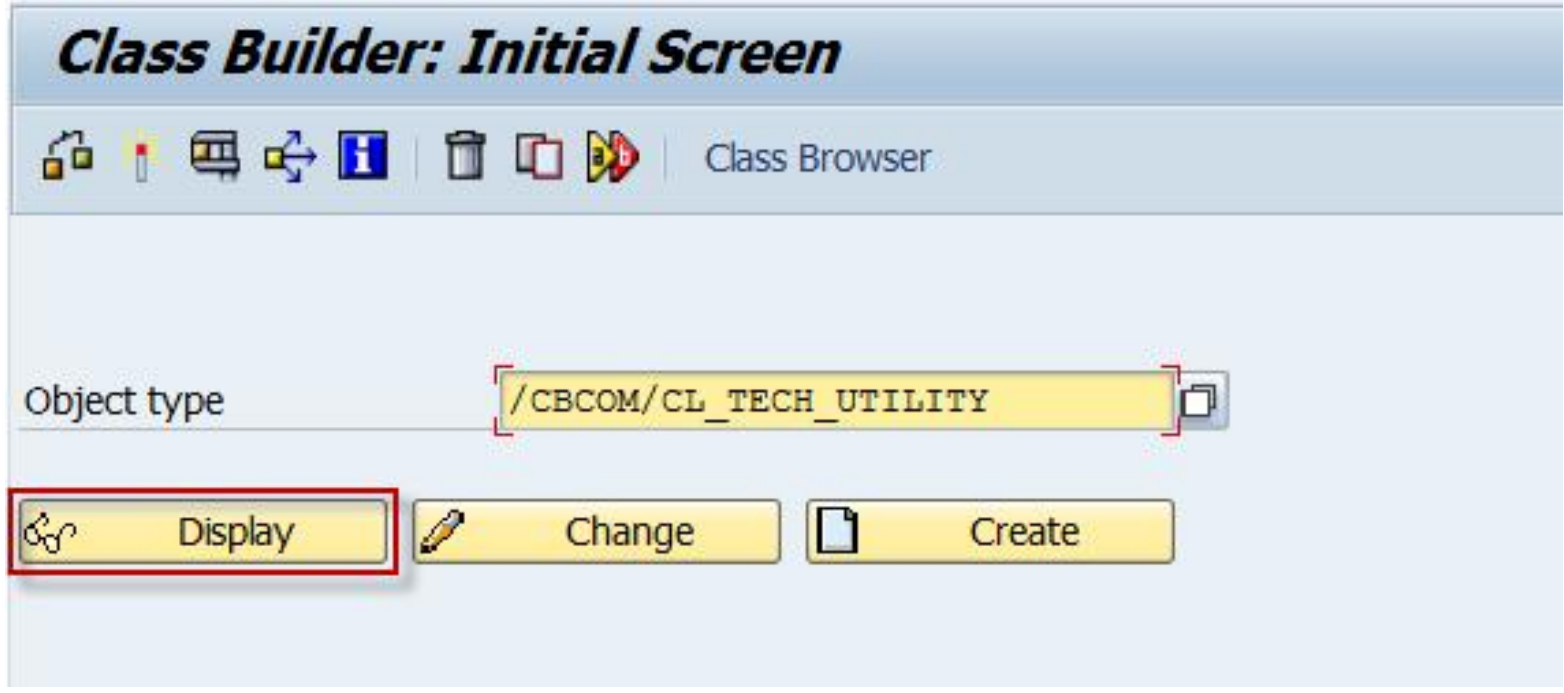

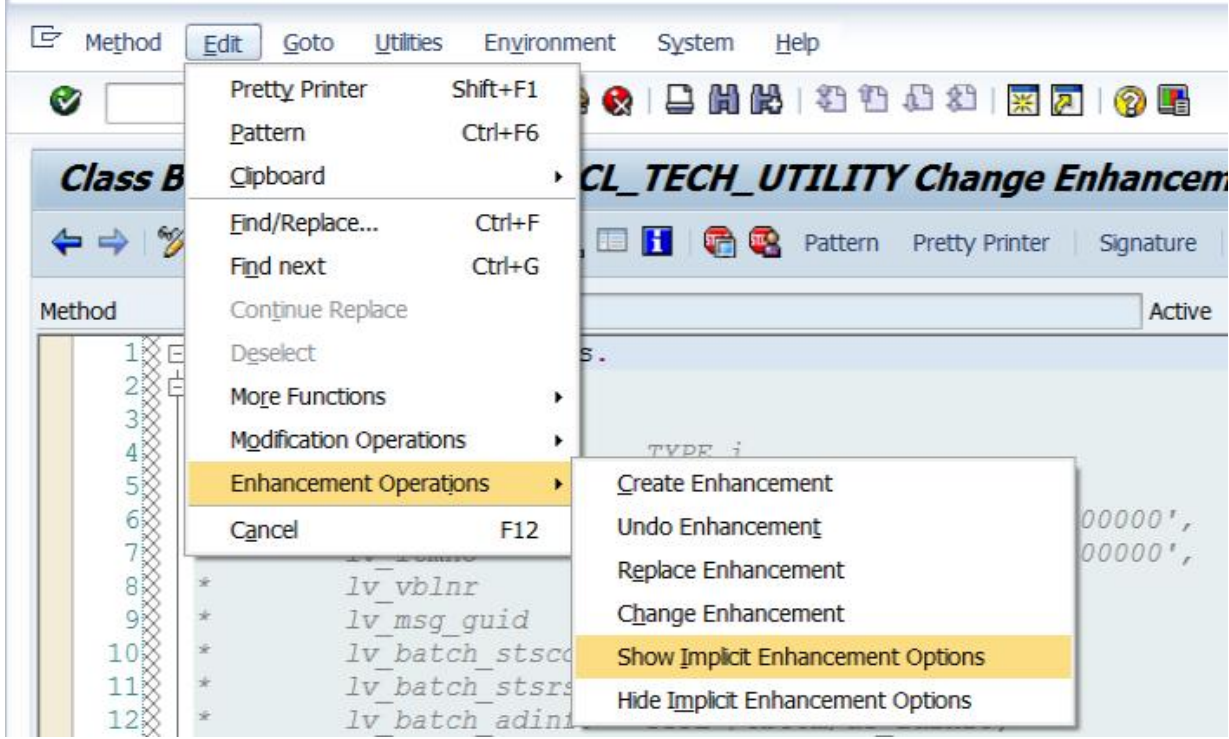
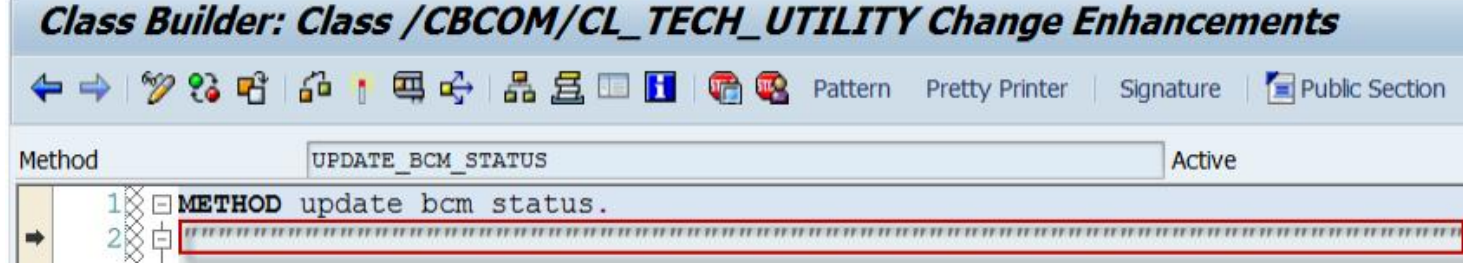
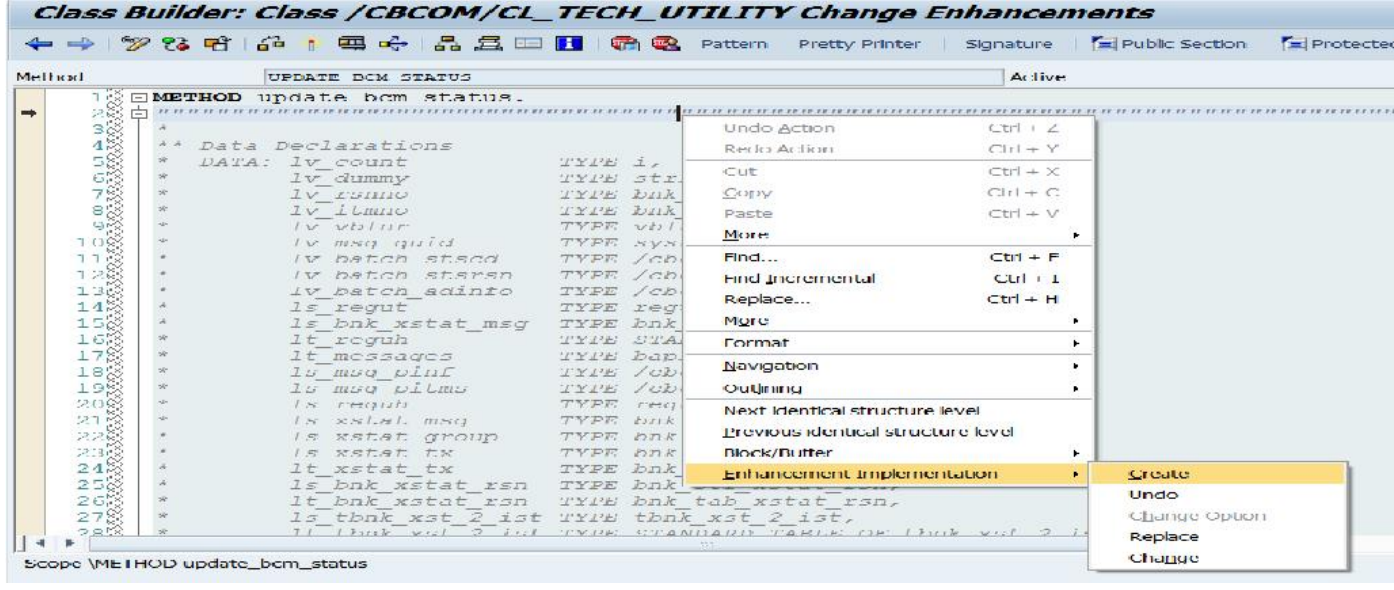
- Activate Bank Communication Management (BCM) Software Component.
- Requisite BCM Specific customizing for Payment Grouping & Approval.

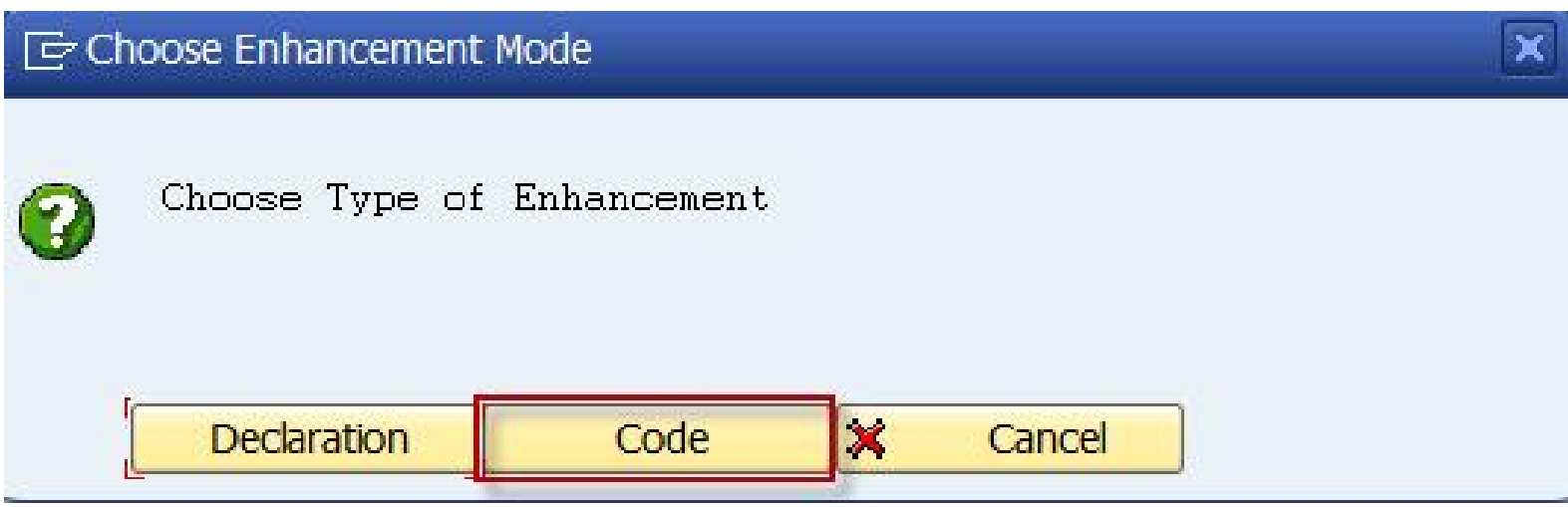
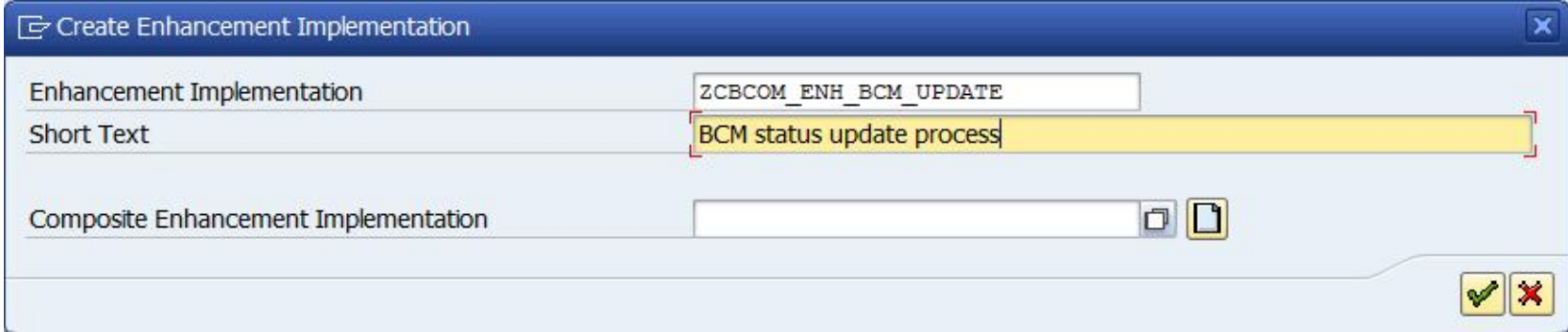
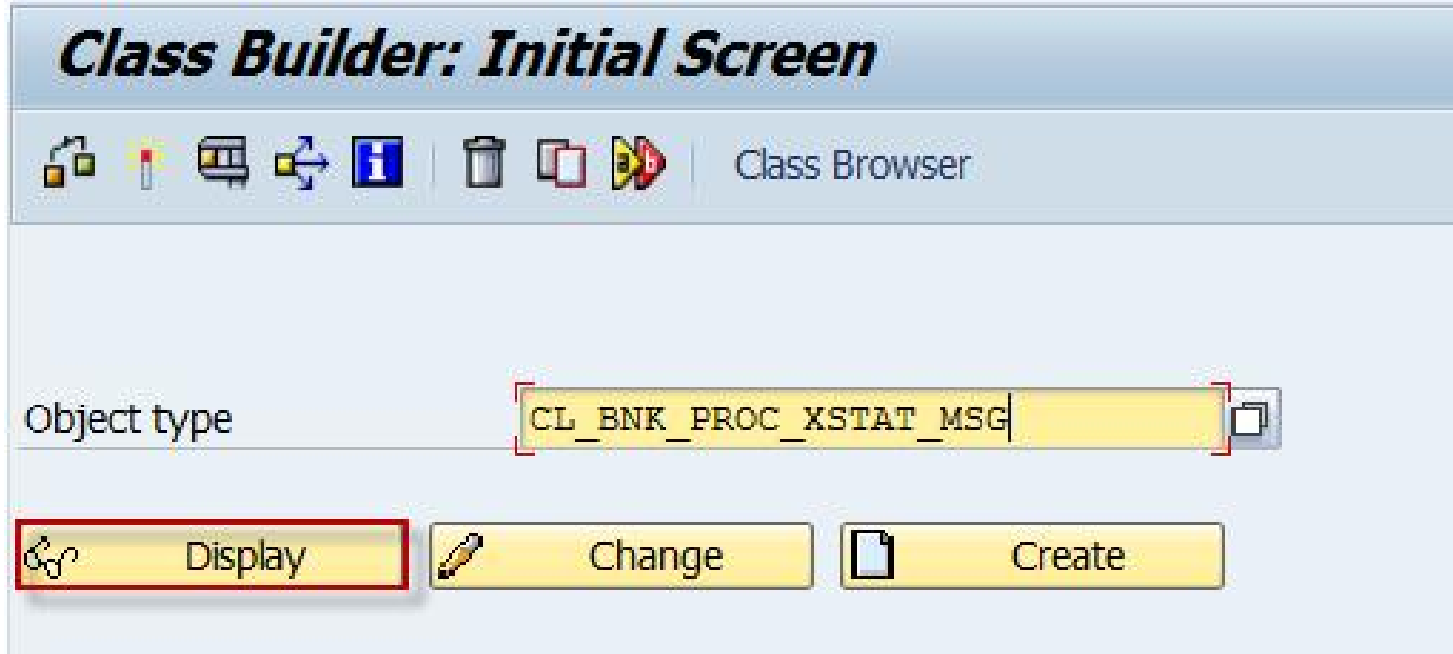

Procedure

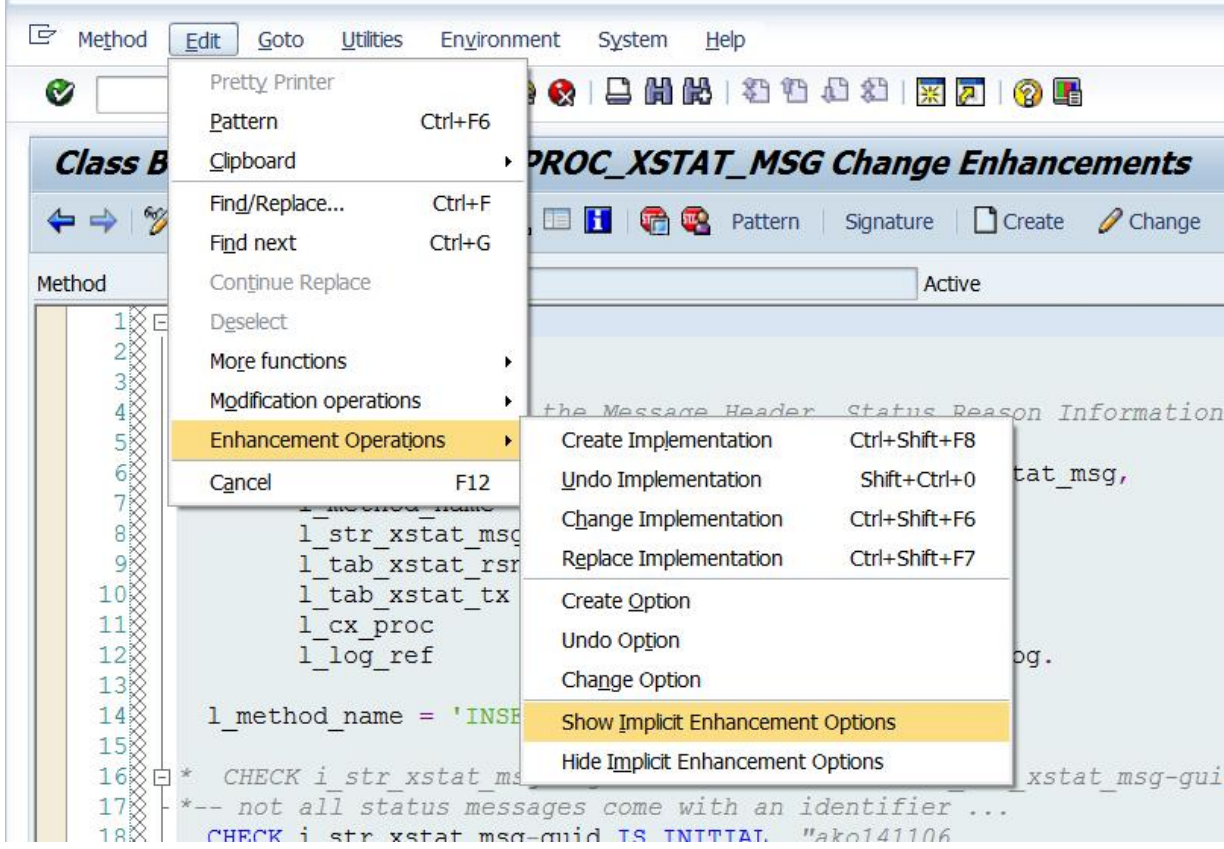
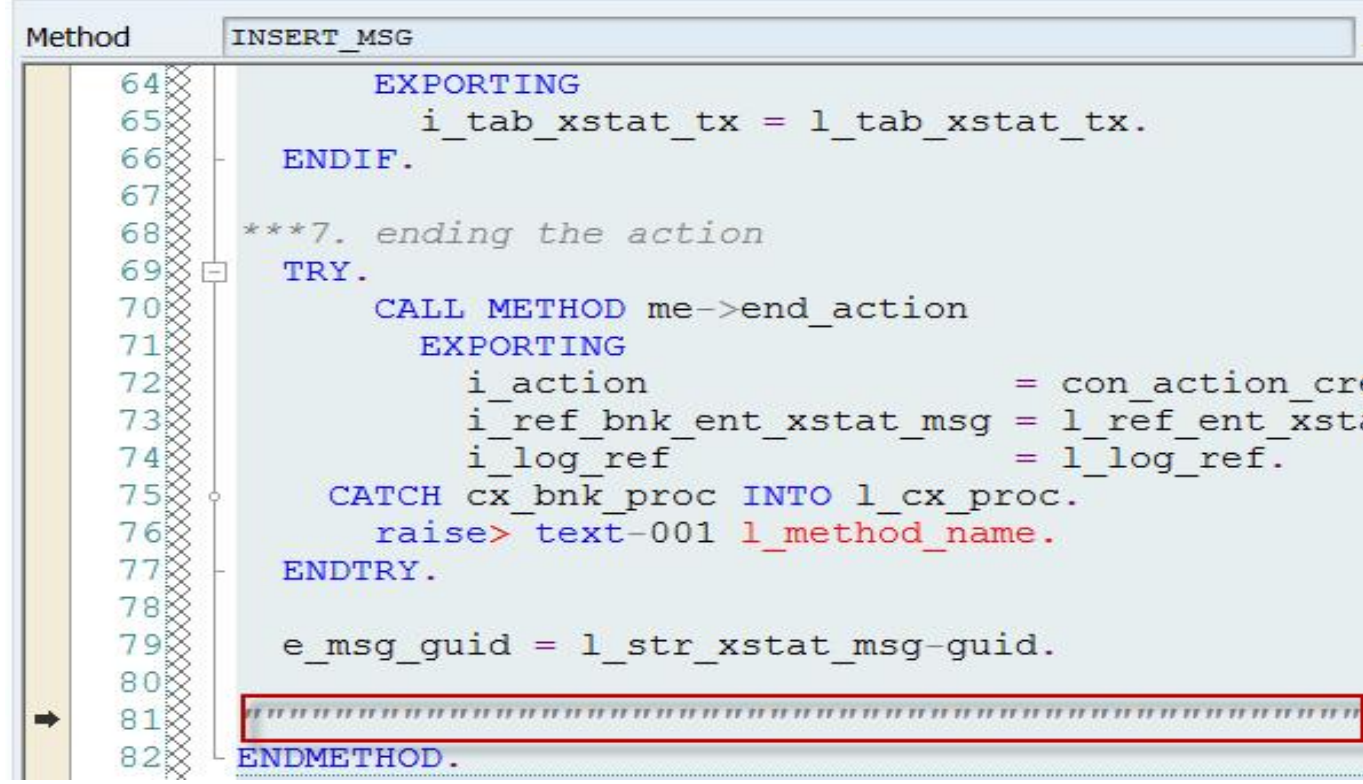
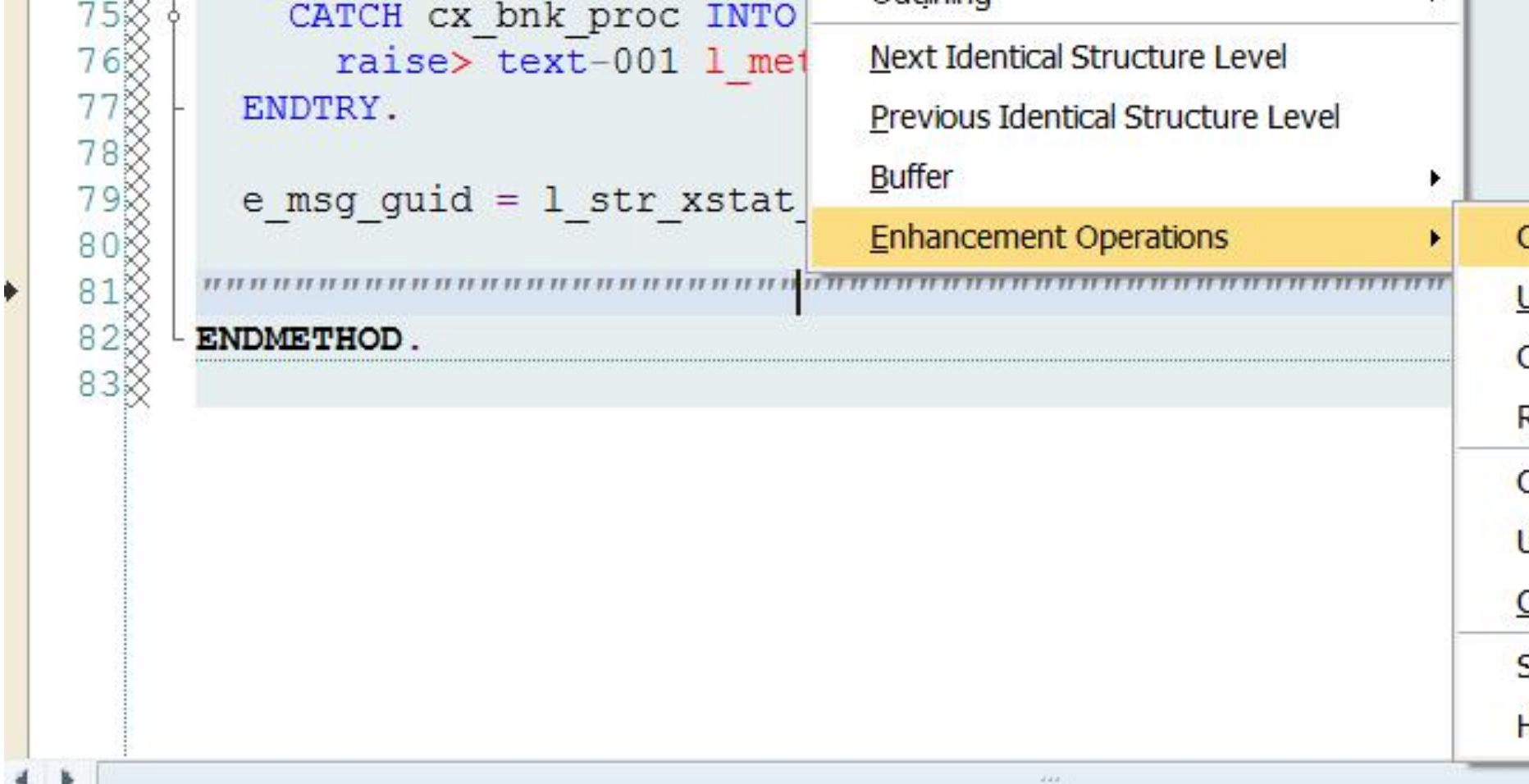
Step #	Description	Additional Information
Activate BCM for integration with payment run		
•	SAP Transaction "OBPM5"	
•	Click on "FI AP/AR"	

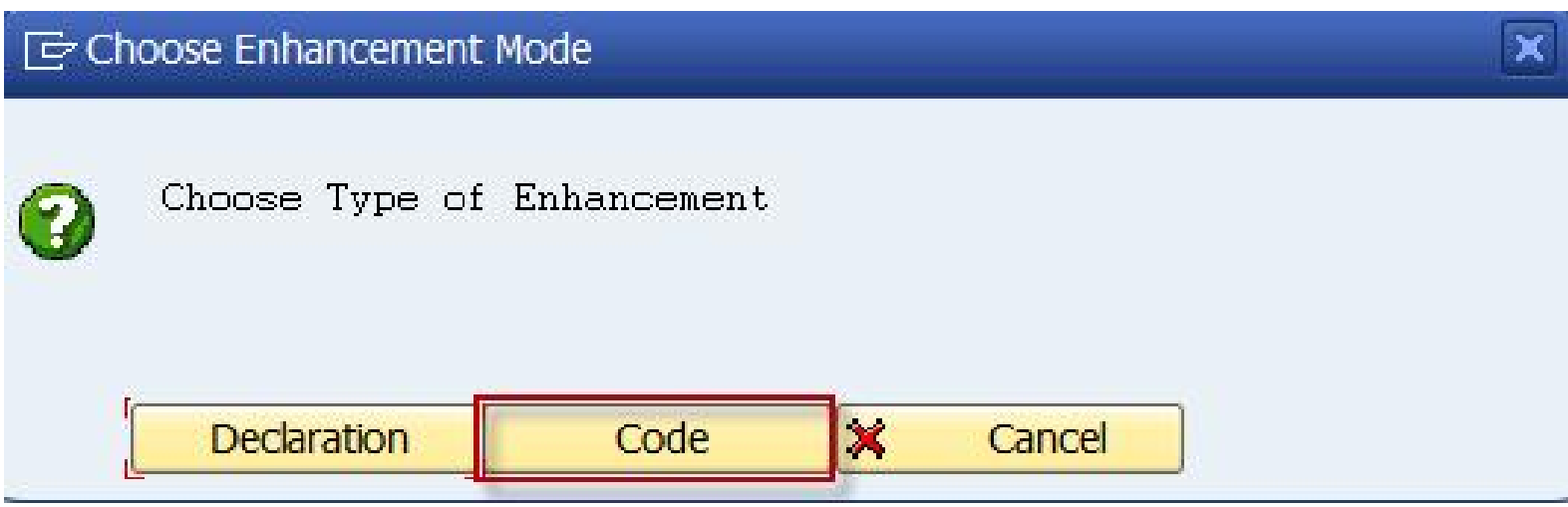
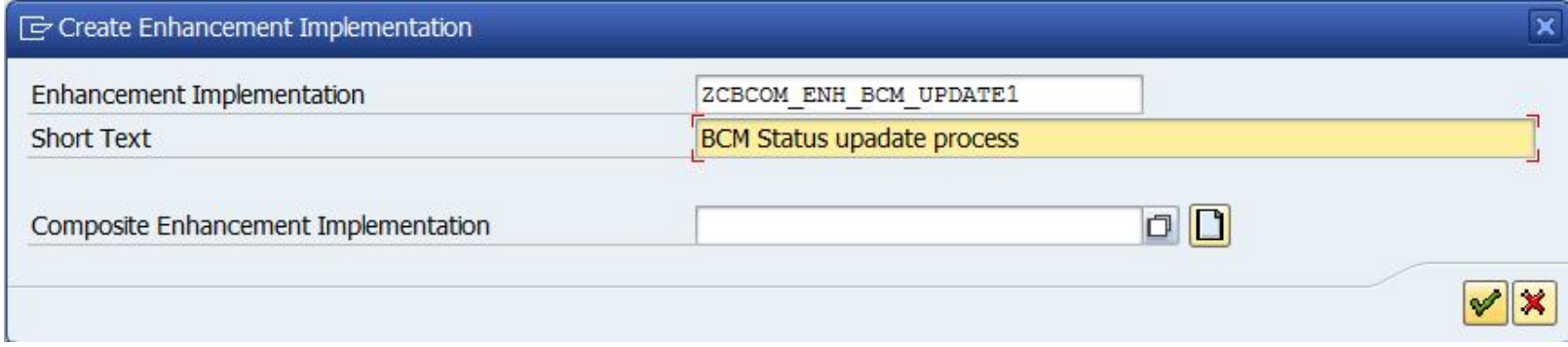
Step #	Description	Additional Information																														
	Payment program for customers and vendors" option button																															
	<ul style="list-style-type: none"> Click on the 'New Entries' icon and Enter the data as shown. 	<table border="1"> <thead> <tr> <th>Identifier</th> <th>BRM</th> </tr> </thead> <tbody> <tr> <td>GB+</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>KE+</td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td>MM+</td> <td><input checked="" type="checkbox"/></td> </tr> </tbody> </table>	Identifier	BRM	GB+	<input checked="" type="checkbox"/>	KE+	<input checked="" type="checkbox"/>	MM+	<input checked="" type="checkbox"/>																						
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KE+	<input checked="" type="checkbox"/>																															
MM+	<input checked="" type="checkbox"/>																															
	<ul style="list-style-type: none"> Press 'Save' 																															
	<p>Map External Status to Internal Status via IMG path</p> <p>Financial Supply Chain Management->Bank Communication Management->Payment Status Management->Map External Status to Internal Status</p>	<table border="1"> <thead> <tr> <th>CoCd</th> <th>House Bk</th> <th>Ext. Status Code</th> <th>PymTr</th> <th>Alert Category</th> </tr> </thead> <tbody> <tr> <td>AU01</td> <td>WESTP</td> <td>ACCP</td> <td>BRB</td> <td></td> </tr> <tr> <td>AU01</td> <td>WESTP</td> <td>ACSP</td> <td>BAC</td> <td></td> </tr> <tr> <td>AU01</td> <td>WESTP</td> <td>ACTC</td> <td>BRS</td> <td></td> </tr> <tr> <td>AU01</td> <td>WESTP</td> <td>PART</td> <td>BFA</td> <td></td> </tr> <tr> <td>AU01</td> <td>WESTP</td> <td>RJCT</td> <td>BRE</td> <td></td> </tr> </tbody> </table>	CoCd	House Bk	Ext. Status Code	PymTr	Alert Category	AU01	WESTP	ACCP	BRB		AU01	WESTP	ACSP	BAC		AU01	WESTP	ACTC	BRS		AU01	WESTP	PART	BFA		AU01	WESTP	RJCT	BRE	
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AU01	WESTP	ACTC	BRS																													
AU01	WESTP	PART	BFA																													
AU01	WESTP	RJCT	BRE																													

Step #	Description	Additional Information
Technical Configurations to integrate BCM (Only relevant for connector installation with active BCM implementation)		
	<ul style="list-style-type: none"> SAP Transaction "SE24" 	

Step #	Description	Additional Information
	<p>In the Class Builder: Initial Screen provides the object type value as</p> <ul style="list-style-type: none"> as '/CBCOM/CL_TECH_UTILITY' and click on the 'Display' button. 	
	<p>Now double click on method 'UPDATE_BCM_STATUS' and click on the 'Enhance' button ().</p>	
	<p>After that navigate the menu bar as Edit -> Enhancement Operations -> Show Implicit Enhancement Options.</p>	
	<p>Now you can able to see the enhancement options available in the selected method.</p>	
	<p>After that right click on the enhancement point which is available after the first line of the method and navigate as Enhancement Implementation -> Create.</p>	

Step #	Description	Additional Information
	<ul style="list-style-type: none"> Now system will pop for enhancement type, click on 'Code'. 	
	<ul style="list-style-type: none"> After that provide the enhancement implementation details and click on Enter button. 	
	<ul style="list-style-type: none"> Now copy the existing commented code in the method and paste it in between the enhancement section. After that uncomment the code and activate it. 	
	<ul style="list-style-type: none"> Now again go to the transaction code SE24 and provide the object type as 'CL_BNK_PROC_XS TAT_MSG' and click on 'Display' button. 	
	<ul style="list-style-type: none"> Double click on 'INSERT_MSG' method and click on the 'Enhance' button . 	

Step #	Description	Additional Information
<ul style="list-style-type: none"> • After that navigate the menu bar as Edit -> Enhancement Operations -> Show Implicit Enhancement Options. 		
<ul style="list-style-type: none"> • Now you can able to see the enhancement options available in the selected method. 		
<ul style="list-style-type: none"> • After that right click on the enhancement point which is available before last line of the method and navigate as Enhancement Implementation -> Create. 		

Step #	Description	Additional Information
	<ul style="list-style-type: none"> Now system will pop for enhancement type, click on 'Code'. 	
	<ul style="list-style-type: none"> Subsequently provide the enhancement implementation details and choose <i>Confirm</i>. 	
	<ul style="list-style-type: none"> Copy and paste the code in the adjacent <i>Additional Information column</i> into the enhancement section and activate it. 	<pre>EXPORT guid = l_str_xstat_msg- guid to MEMORY id 'GV_MSG_GUID'.</pre>

2.1.5 Solution Technical Settings

The following section details the solution-specific technical configuration required. All configuration settings will be required to support the processes for payments within SAP and communication to the bank. The configuration section has been split into the following sections:

1. Solution Customizing (Imported from BC Set)
2. PGP Encryption Specific Settings.

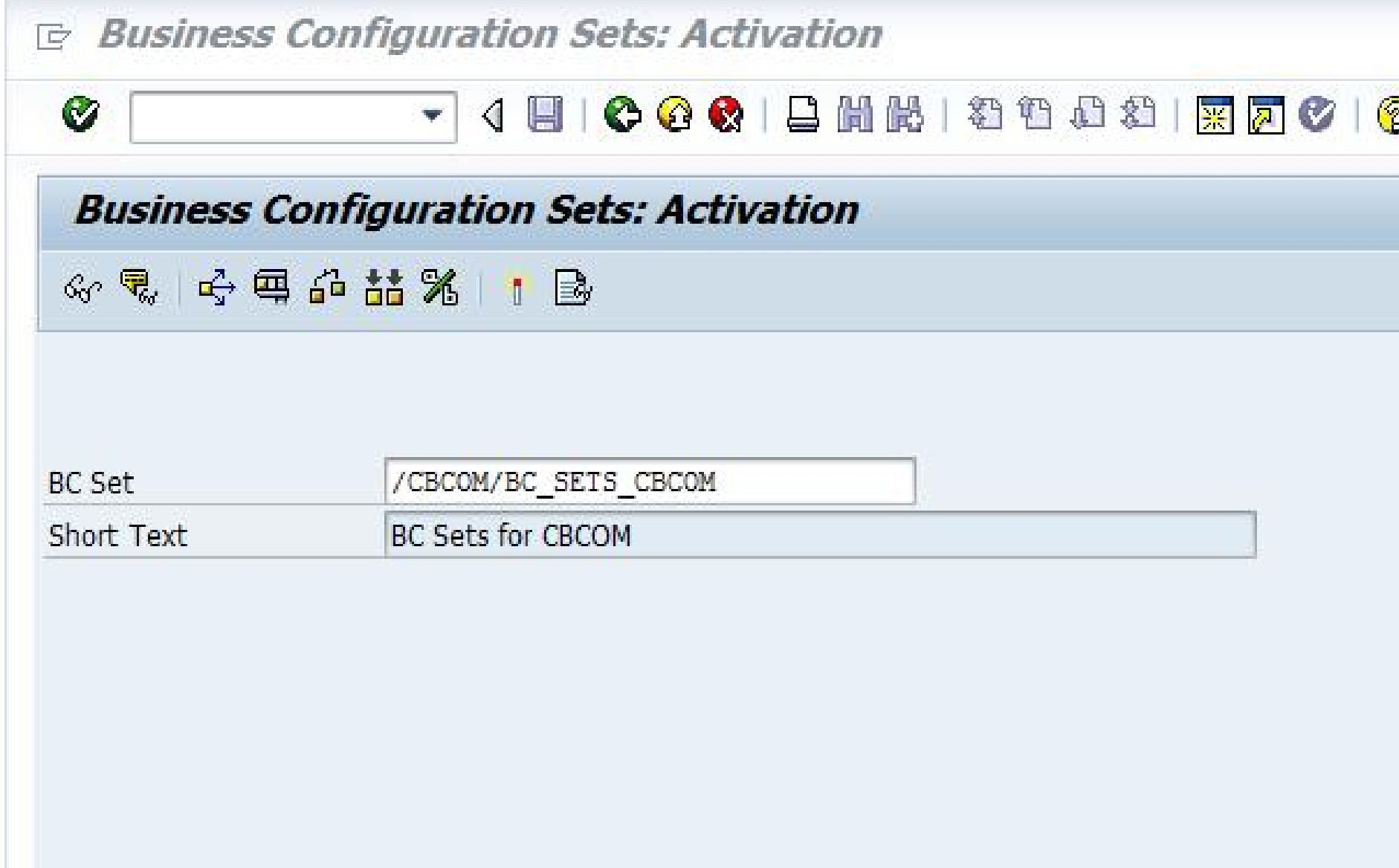
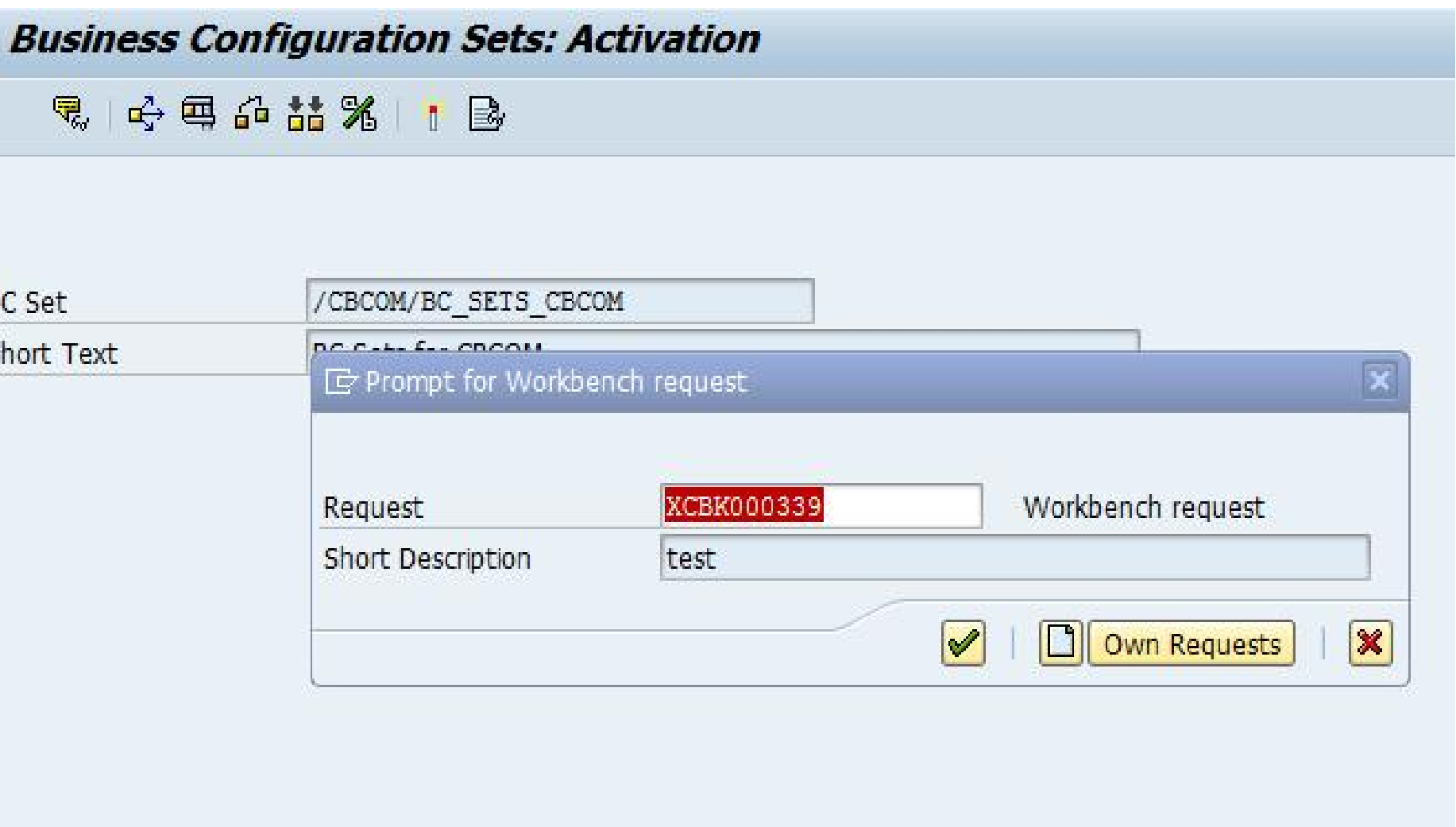
2.1.5.1 Solution Customizing (Imported from BC Set)

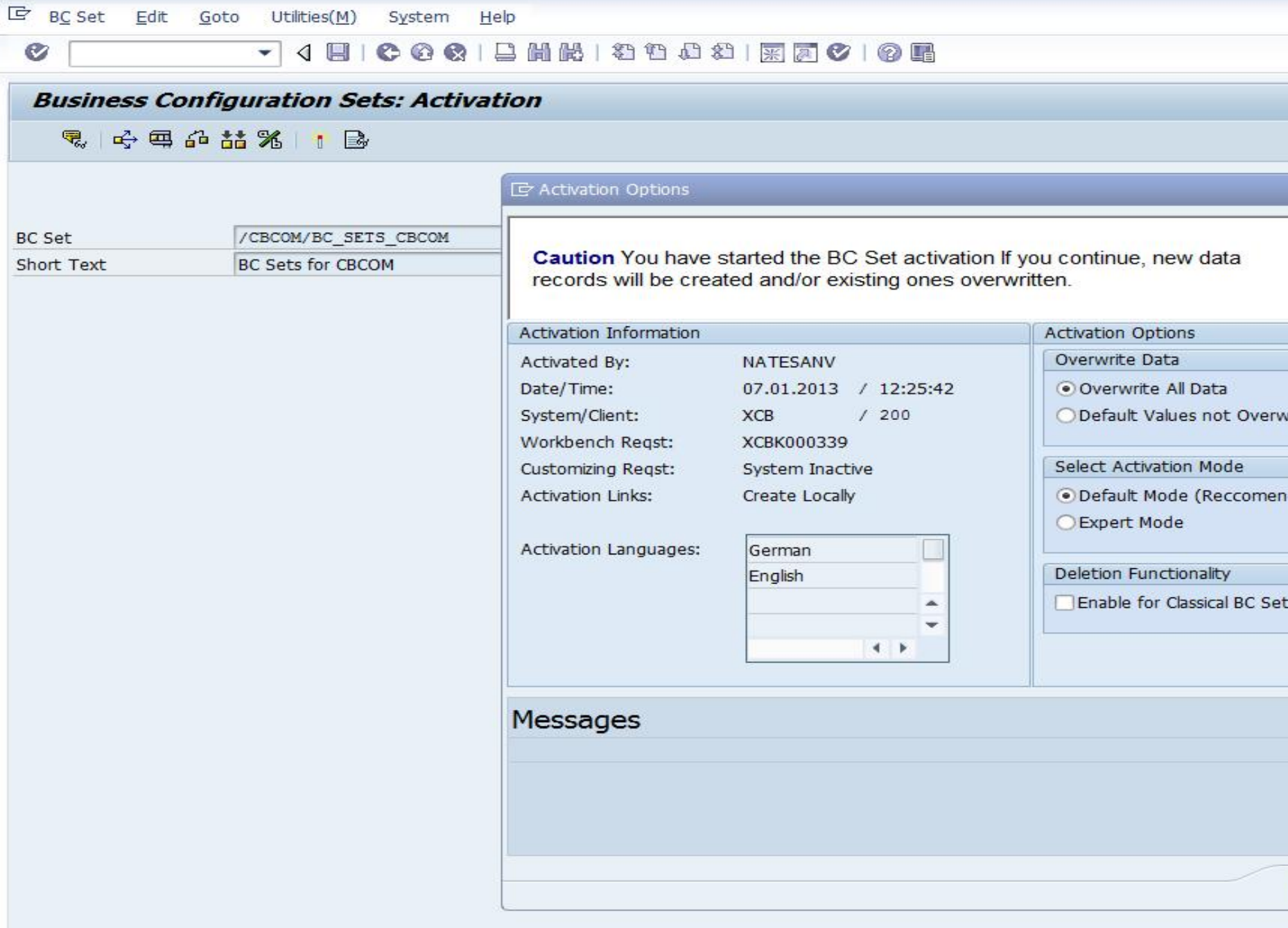
The following section details settings required to enable the solution to process the payment messages and send the same to the bank.

Prerequisites

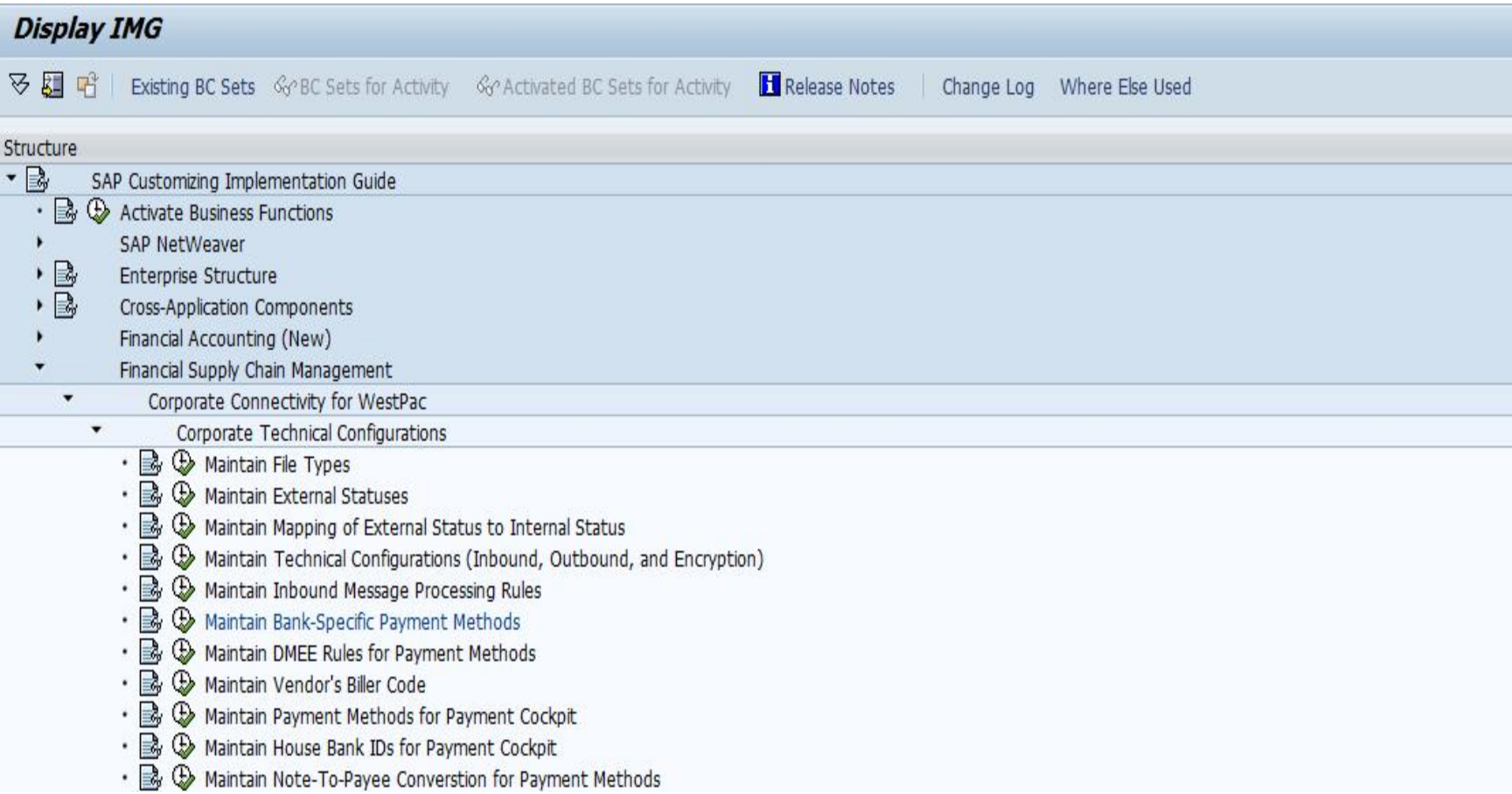
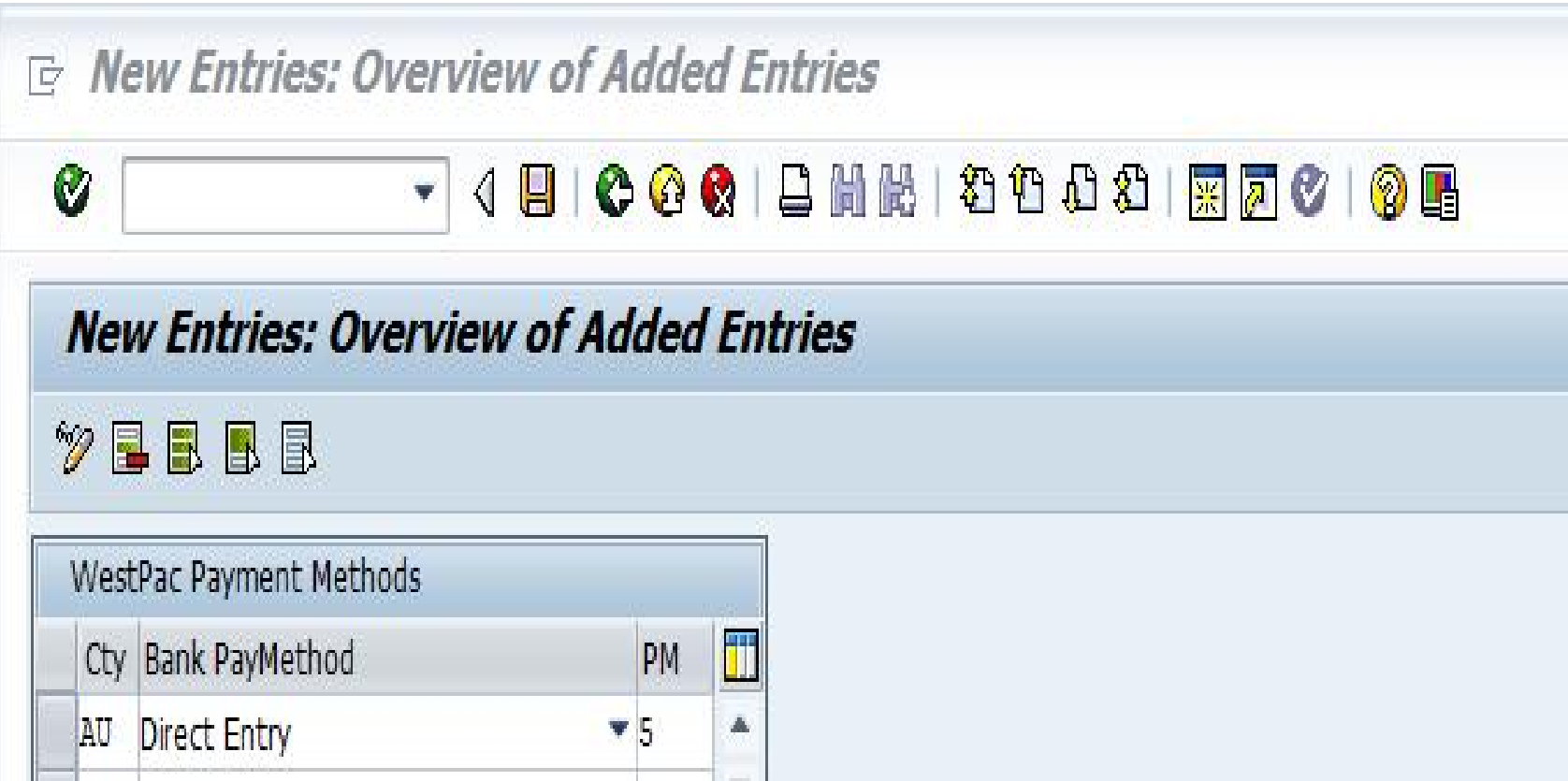
- The solution is installed
- FI – specific settings are completed as mentioned in section 2.1.2
- Solution Specific configurations were provided as Business configuration Sets and same should be imported as detailed below.

Step #	Description	Additional Information
1	Enter transaction code SCPR20 and enter following details in the selection screen: Field : BC Set	

Step #	Description	Additional Information
	Value: /CBCOM/BC_SET S_CBCOM	
2	Choose the <i>Activate</i> pushbutton. The system will prompt you for a transport request to store changes to the Customizing; enter the transport request number	
3	Press OK to continue.	

Step #	Description	Additional Information
		
4	Release the TR created in Step 2 and transport across landscape.	

- Following configuration settings shall be maintained based on FI settings explained in section 2.1.2.
- Below-given configurations were maintained via IMG path *Financial Supply Chain Management -> Corporate Connectivity for Westpac -> Corporate Technical Configurations -> Maintain Technical Configurations(Inbound, Outbound and Encryption)*

Step #	Description	Additional Information
1	<p><i>IMG Activity :</i></p> <p><i>Maintain Bank-Specific payment Methods</i></p>	
2	<p><i>Click New Entries and Enter below details for each Payment Method.</i></p> <p><i>Ex :</i></p> <p><i>Country : AU</i></p> <p><i>Bank PayMethod: Select a value from drop down.)(for example, Direct Entry)</i></p> <p><i>PM : Enter SAP payment methods configured in section 2.1.3.3</i></p>	
3	<p>Repeat above Steps for the <i>Payment Methods</i> that shall be used by you to send the credit transaction.</p>	

<p>4</p>	<p><i>IMG Activity :</i> Maintain Vendor's Biller Code</p> <p><i>Biller code is mandatory Information for Bank to process Bill Pay Credit Instruction.</i></p> <p><i>Select the IMG activity and click New Entries.</i></p> <p><i>Ex:</i></p> <p><i>Vendor : Enter Valid Vendor No</i></p> <p><i>Biller Cd : Enter 10 digit Biller Code</i></p>	
<p>5</p>	<p><i>IMG Activity :</i> Maintain Payment Methods for Payment Cockpit</p> <p><i>Select the IMG activity and click New Entries.</i></p> <p><i>Ex:</i></p> <p><i>Country : AU</i></p> <p><i>Payment Methods : Enter SAP payment methods configured in section 2.1.3.3</i></p> <p>Maintain all Payment Methods created for Westpac</p>	

5	<p>IMG Activity :</p> <p><i>Maintain House Bank ID's for Payment Cockpit</i></p> <p><i>Select the IMG activity and click New Entries.</i></p> <p><i>Ex:</i></p> <p><i>Company Cd : AU01</i></p> <p><i>House Bank: Enter SAP House Bank configured in section 2.1.3.2</i></p> <p><i>Maintain all House Banks created for Westpac</i></p> <p><i>Acct ID: Enter Account ID associated with House Bank.</i></p>	
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2.1.5.2 PGP Encryption Specific Settings

The following section discusses the settings required to plug in your company-specific PGP Implementation. A default Implementation for PGP Implementation with necessary technical settings is provided as a reference for you to implement your preferred PGP Implementation.

Prerequisites

- PGP software is Installed and it is accessible from your ERP system
- You have exported and sent your PGP public certificate to the bank
- You have Imported the bank's PGP public certificate to your PGP key store (request certificate from bank)

To plug-in your corporate-specific PGP Implementation, you should maintain the following settings.

Step #	Description	Additional Information
1	Implement your Preferred PGP	

Step #	Description	Additional Information																																																								
	<p>Implementation via PGP Encryption Business Add-In via IMG Path</p> <p><i>Financial Supply Chain Management->Corporate Connectivity for Westpac->Business Add-Ins->BAdI :PGP Encryption and Decryption</i></p>	<p>The screenshot shows the SAP IMG (Implementation Manager) interface. The left-hand navigation pane is expanded to 'Business Add-Ins' > 'BAdI: PGP Encryption and Decryption'. The main window displays a table titled 'Implementations for BAdI Definition /CBCOM/BADI_PGP_ENCRYPTION'. The table has columns for 'Active(IMG)', 'Active(Im...)', 'Enhancement Implementation', 'BAdI Implementation', and 'Description'. One entry is visible with 'Active(IMG)' checked and 'Description' as 'Custom BAdI Implementation for PGP'.</p>																																																								
2	<p>Maintain requisite technical settings for PGP Implementation in below IMG path.</p> <p><i>Financial Supply Chain Management->Corporate Connectivity for Westpac->Corporate Technical Configurations->Maintain Technical Configurations (Inbound, Outbound and Encryption).</i></p> <ul style="list-style-type: none"> • Enter below Details for various fields • Parameter1 → ENCRYPTION 	<p>The screenshot shows the 'Main. View for Tech. Configurations of C2B Connectivity' in SAP. It features a table with the following data:</p> <table border="1"> <thead> <tr> <th>Parameter 1</th> <th>Parameter 2</th> <th>Key Value</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>ENCRYPTION</td> <td>COMMANDNAME</td> <td></td> <td>ZPGPENCSCRIPT</td> </tr> <tr> <td>ENCRYPTION</td> <td>DECRYPT_SCRIPT...</td> <td></td> <td>/usr/sap/YCB/PGP_YCB/Pgpdecrypt.sh</td> </tr> <tr> <td>ENCRYPTION</td> <td>ENCRYPT_SCRIPT...</td> <td></td> <td>/usr/sap/YCB/PGP_YCB/Pgpencrypt.sh</td> </tr> <tr> <td>ENCRYPTION</td> <td>LOGFILE_DEC_IN</td> <td></td> <td>/CBCOM/LOGFILE_DEC_S</td> </tr> <tr> <td>ENCRYPTION</td> <td>LOGFILE_DEC_OUT</td> <td></td> <td>/CBCOM/LOGFILE_DEC_T</td> </tr> <tr> <td>ENCRYPTION</td> <td>LOGFILE_IN</td> <td></td> <td>/CBCOM/LOGFILE_ENC_S</td> </tr> <tr> <td>ENCRYPTION</td> <td>LOGFILE_OUT</td> <td></td> <td>/CBCOM/LOGFILE_ENC_T</td> </tr> <tr> <td>ENCRYPTION</td> <td>LOGICAL_FILE</td> <td></td> <td>/CBCOM/PGP_LF</td> </tr> <tr> <td>ENCRYPTION</td> <td>SOURCE_DECPATH</td> <td>.XML</td> <td>/usr/sap/YCB/pgpdec/in/</td> </tr> <tr> <td>ENCRYPTION</td> <td>SOURCE_ENCPATH</td> <td>.XML</td> <td>/usr/sap/YCB/pgpenc/in/</td> </tr> <tr> <td>ENCRYPTION</td> <td>SYSTEM</td> <td></td> <td>SHELL</td> </tr> <tr> <td>ENCRYPTION</td> <td>TARGET_DECPATH</td> <td>.ASC</td> <td>/usr/sap/YCB/pgpdec/out/</td> </tr> <tr> <td>ENCRYPTION</td> <td>TARGET_ENCPATH</td> <td>.ASC</td> <td>/usr/sap/YCB/pgpenc/out/</td> </tr> </tbody> </table>	Parameter 1	Parameter 2	Key Value	Value	ENCRYPTION	COMMANDNAME		ZPGPENCSCRIPT	ENCRYPTION	DECRYPT_SCRIPT...		/usr/sap/YCB/PGP_YCB/Pgpdecrypt.sh	ENCRYPTION	ENCRYPT_SCRIPT...		/usr/sap/YCB/PGP_YCB/Pgpencrypt.sh	ENCRYPTION	LOGFILE_DEC_IN		/CBCOM/LOGFILE_DEC_S	ENCRYPTION	LOGFILE_DEC_OUT		/CBCOM/LOGFILE_DEC_T	ENCRYPTION	LOGFILE_IN		/CBCOM/LOGFILE_ENC_S	ENCRYPTION	LOGFILE_OUT		/CBCOM/LOGFILE_ENC_T	ENCRYPTION	LOGICAL_FILE		/CBCOM/PGP_LF	ENCRYPTION	SOURCE_DECPATH	.XML	/usr/sap/YCB/pgpdec/in/	ENCRYPTION	SOURCE_ENCPATH	.XML	/usr/sap/YCB/pgpenc/in/	ENCRYPTION	SYSTEM		SHELL	ENCRYPTION	TARGET_DECPATH	.ASC	/usr/sap/YCB/pgpdec/out/	ENCRYPTION	TARGET_ENCPATH	.ASC	/usr/sap/YCB/pgpenc/out/
Parameter 1	Parameter 2	Key Value	Value																																																							
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ENCRYPTION	SOURCE_DECPATH	.XML	/usr/sap/YCB/pgpdec/in/																																																							
ENCRYPTION	SOURCE_ENCPATH	.XML	/usr/sap/YCB/pgpenc/in/																																																							
ENCRYPTION	SYSTEM		SHELL																																																							
ENCRYPTION	TARGET_DECPATH	.ASC	/usr/sap/YCB/pgpdec/out/																																																							
ENCRYPTION	TARGET_ENCPATH	.ASC	/usr/sap/YCB/pgpenc/out/																																																							

3 Business Scenarios

3.1 Web Service Connectivity

For the various Business Scenarios, the following topics are covered:

Configuration Guide

Overview

Technical system landscape

Configuration details

3.1.1 Overview

The Configuration process detailed in this document helps to configure the Proxy and Service as a part of the Consumer and Provider Configurations, elaborated in sections 3.1.3 and 3.1.4 in the ERP that leverages the standard solution to connect to the Connector Application.

3.1.2 Technical System Landscape

Refer [Section 2.1](#)

3.1.3 Configuration Details – Scenario PINF

This section lists the sequence of steps – Web Service Consumer Configurations (Technical configuration, Application configuration) required to implement the Business Scenario PINF Connectivity from your SAP ERP towards BANK PI to BANK Legacy System. It supports PAIN001 file format.

Consumer Proxy Interface: The Proxy Application/Interface is to be implemented on the SAP ERP / (consumer side). This will then be used to generate the proxies based on the data design structure from the ESR of the BANKPI (Provider side).

Steps:

Step 1: Import the Package of the Proxies on the ERP system.

Step 2: Go to TCODE: SPROXY in your SAP ERP as shown in the following figure.

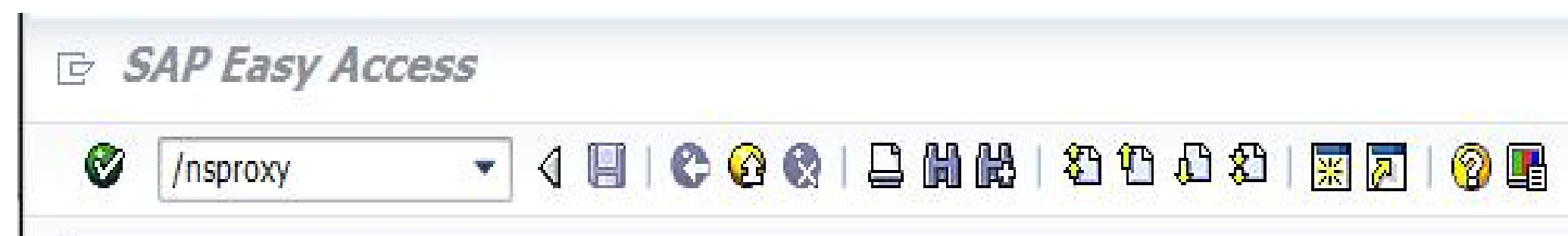


Figure 2

Step 3: Navigate to the structure of the required proxy from the available Namespaces in the list that concerns the scenarios and expand it.

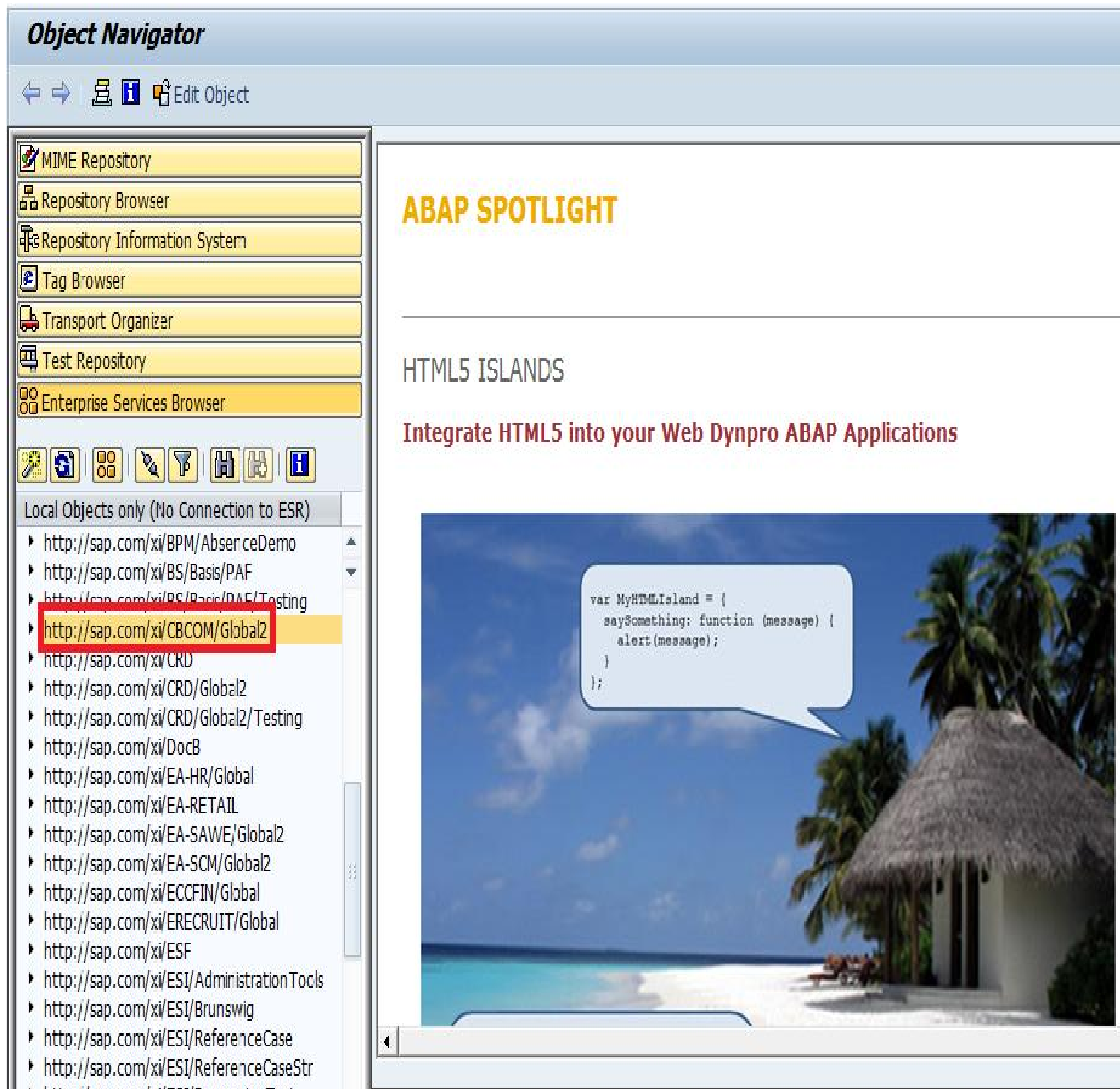


Figure 3

Step 4: Navigate to the Service Interface WIB_PINF_OB_SI that contains the corresponding objects of the Scenario PINF as explained in the [Section 3.1.3](#)

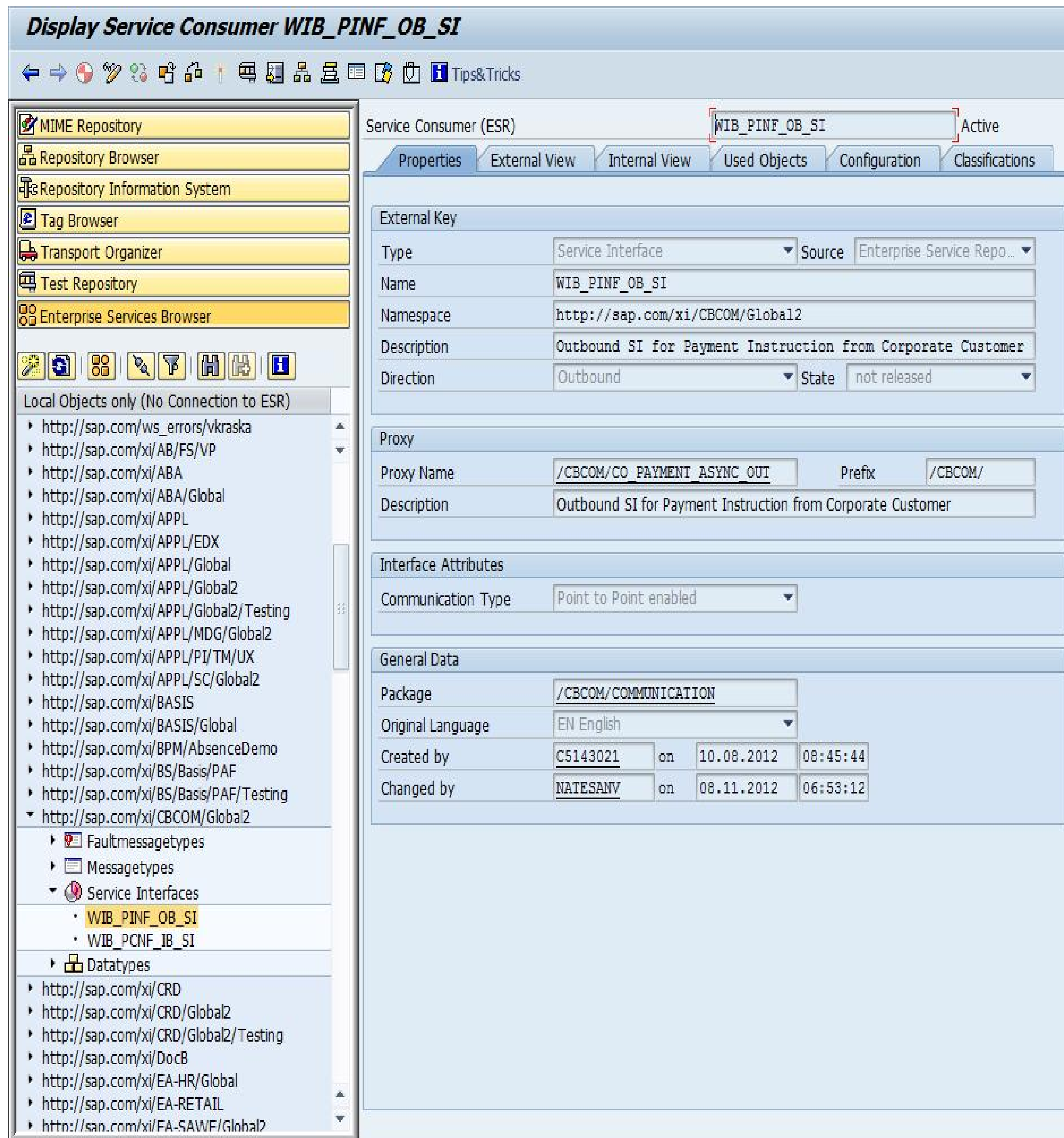


Figure 4

Step 6: Double Click to expand the above mentioned Interface. Its details can be observed as shown on Figure 3.

Configuration Steps:

Step 1: Access the TCODE: SOAMANAGER on the ERP system to open the Web based SOA Interface as shown in the figure 4.



Figure 5

Step 2: Select the *Service Administration* tab page followed by the *Web Service Configuration* tab page as depicted in figure 5.



Figure 6

Step 3: Click on the Search by dropdown and Select the Consumer Proxy option. Also, key in the Interface WIB_PINF_OB_SI in the input box relevant to the Search Pattern and click on GO as shown in Figure 6.

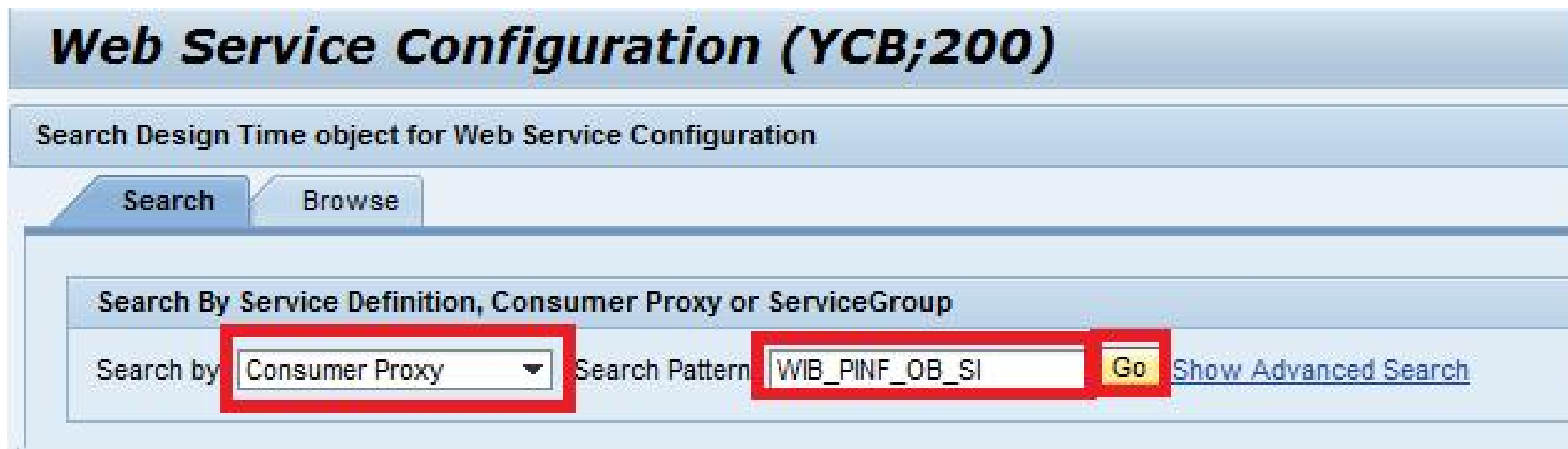


Figure 7

Step 4: The following view shows the Proxy relevant to the Scenario PINF as shown in Figure 7.

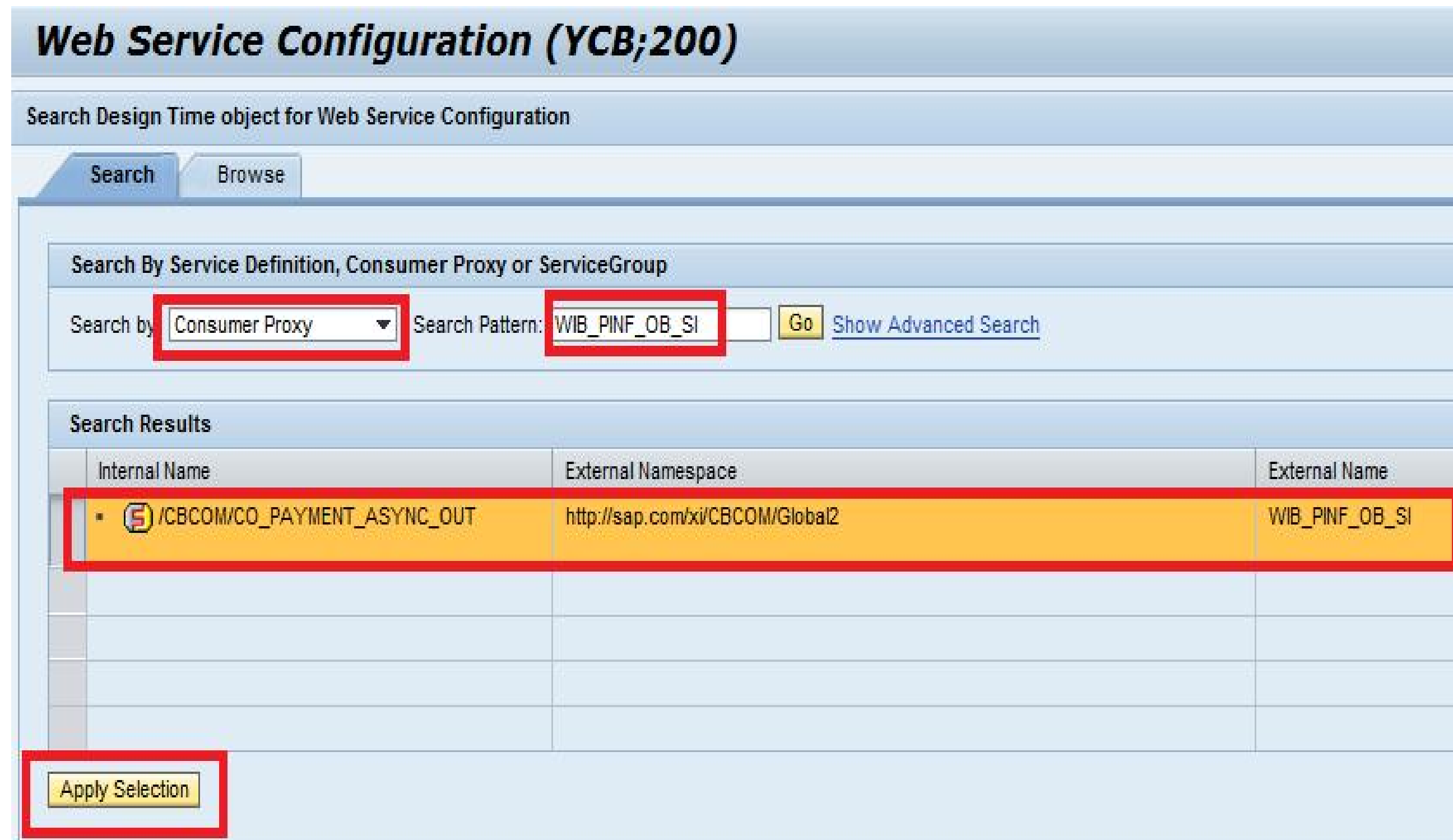


Figure 8

Step 5: Select the Proxy Name and “Hit” the Apply Selection button to access the details of Consumer Proxy as shown in Figure 7. Select the Configuration tab page to create the configuration for the logical port for the proxy as shown in figure 8.

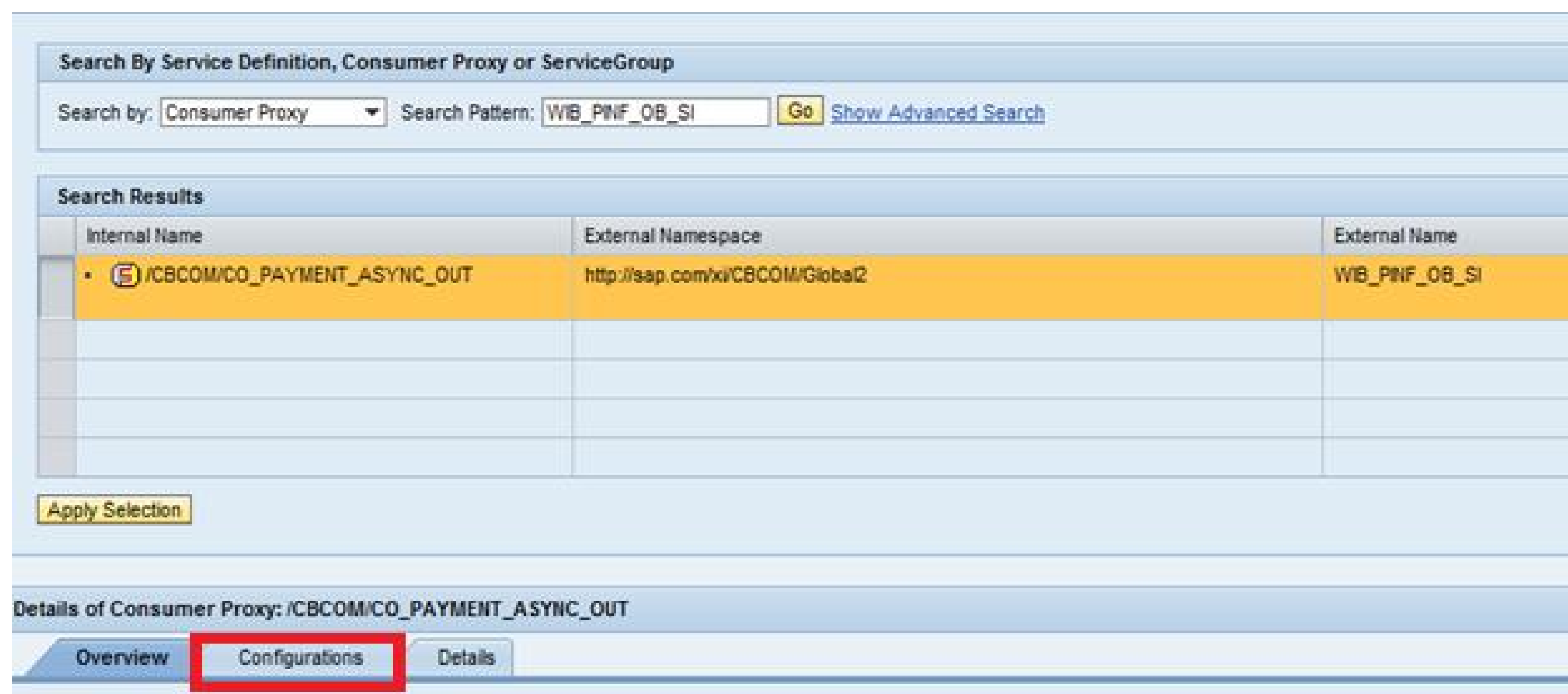


Figure 9

Step 6: Click on Configurations -> Create as shown in figure 9 to create a LP. Provide a Name for the LP, Description and check the “Logical Port is Default” option. Further, select from the available options of Configuration Type as “WSDL Based Configuration” and WSDL Base as “Via File”.

Note: This logical Port is created from the configurations of the WSDL File, obtained from the Bank PI System.



Figure 10

Step 7: Click on Browse to select the location relevant to the WSDL file obtained from BANKPI as mentioned in Step 6. Hit on Apply Settings to Configure the Logical Port as depicted on Figure 10.

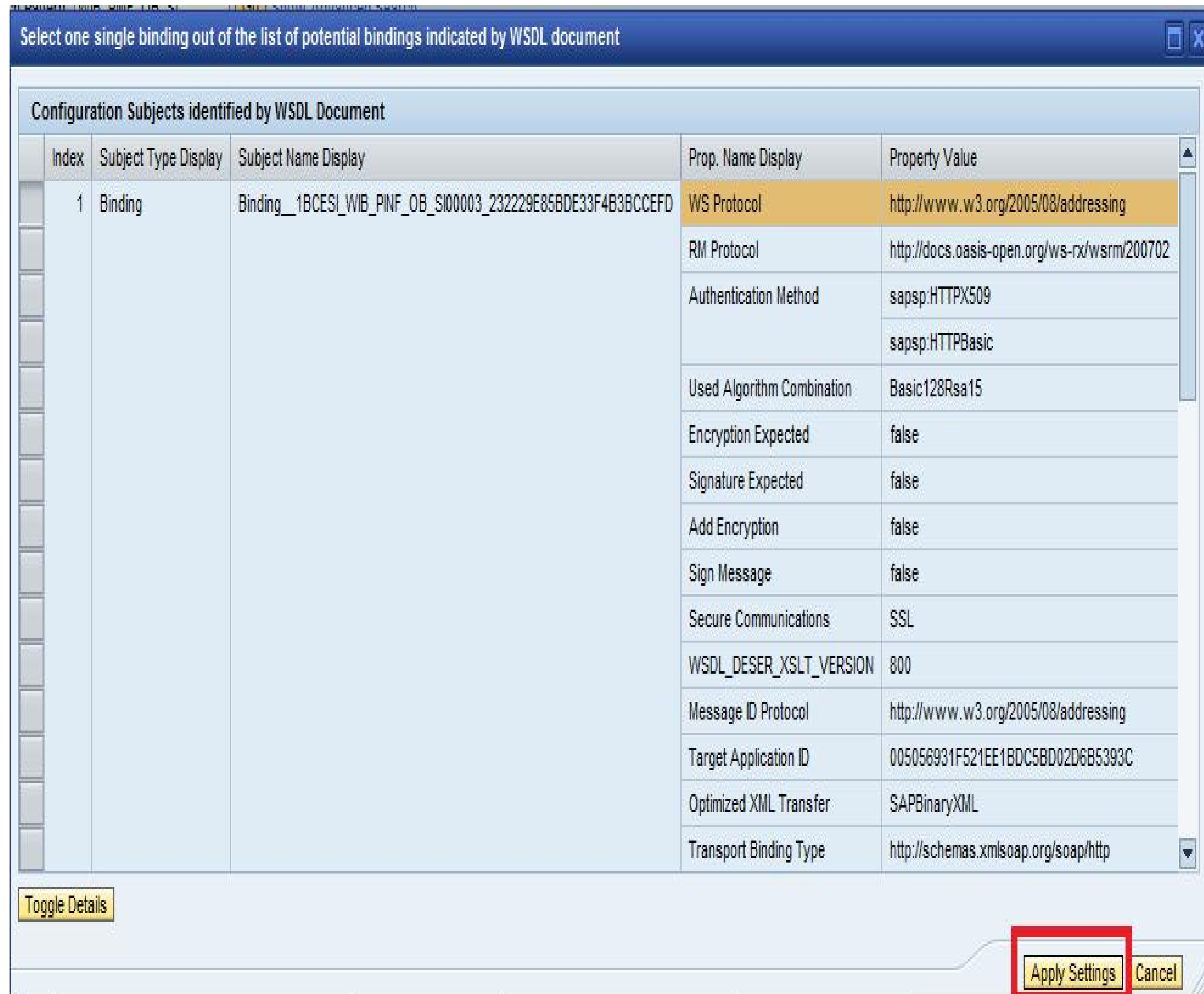


Figure 11

Step 8: Provide the details - User Name, Password (Obtained from the Bank) and the SSL client of transaction STRUST (SAP ERP server) as shown in Figure 11 for authentication at the BANKPI Network.

- 💡 Note: The SSL client PSE of transaction STRUST should ideally be "DFAULT" which points to the key store view relevant to the SSL client standard PSE of STRUST in the ERP system.
- ⚠️ Please make sure all the relevant Security Settings are maintained in the ERP system before the Step 8 is completed. **For more details on the same, refer the Security Guide.**

Configuration of Logical Port 'LP_WSDL'

Display Save Cancel

Consumer Security Messaging Transport Settings Operation specific Administrative Information

Configuration of Consumer Settings additional to WSDL Document Information LP=LP_WSDL

User ID/Password

User Name:

Password:

X.509 SSL Client PSE

SSL Client PSE of transaction STRUST:

Properties from WSDL Document

Transport Security

Secure Communications:	SSL
Signature Expected:	false
Encryption Expected:	false
Sign Message:	false
Add Encryption:	false

Authentication

Authentication Method:	sapsp:HTTPX509
Authentication Method:	sapsp:HTTPBasic

Figure 12

Step 9: Observe the relevant Messaging Settings as depicted in figure 12.

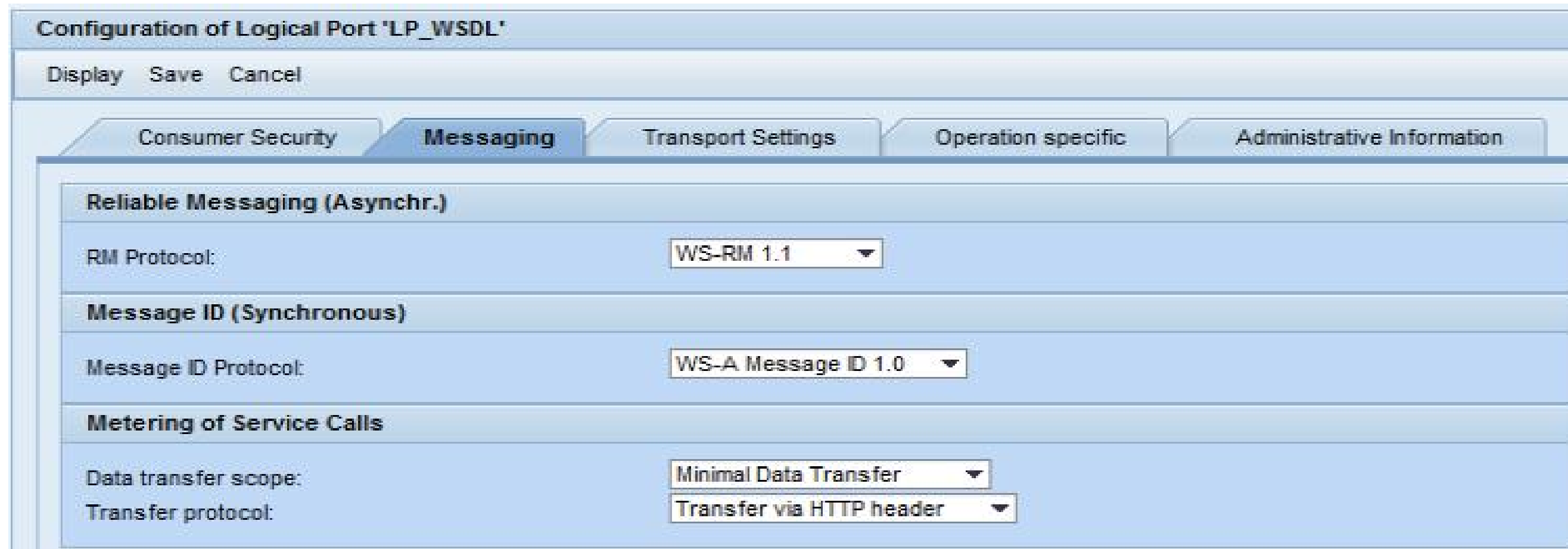


Figure 13

Step 10: Click on the *Transport Settings* tab page as shown in Figure 14. Ensure that the attribute Computer Name of Access URL is not an IP address but a **Fully Qualified Host Name** as agreed by the BANK.

If there is a proxy in your SAP ERP landscape that governs outbound traffic from the ERP to BANKPI, ensure that the details are maintained in Proxy Host and Port fields as shown in Figure 13.

Important: All the Settings shown in the figure 13 should be as per the configuration settings maintained at the BANKPI system.

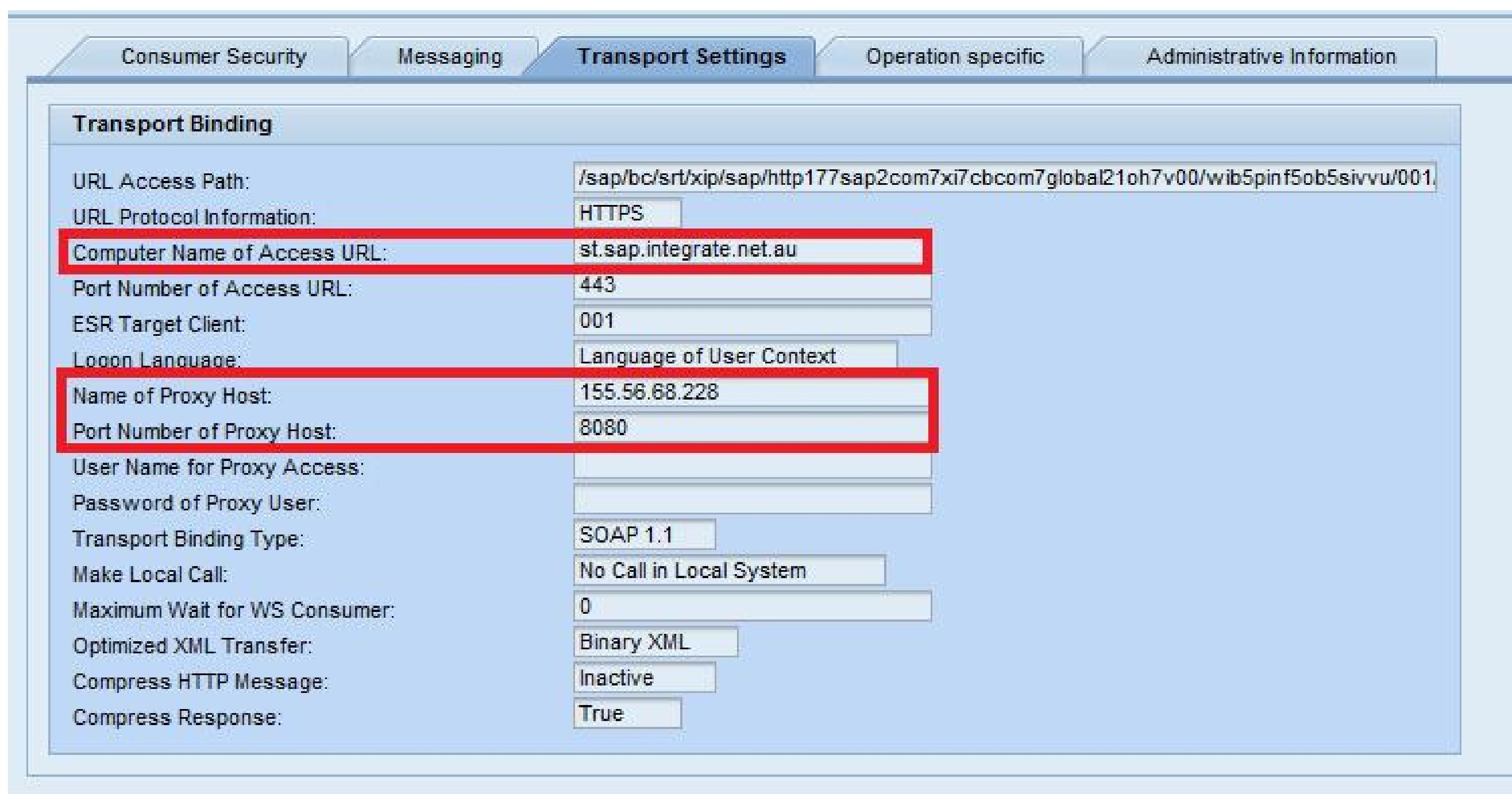


Figure 14

Step 11: Verify that the configuration for the Operation Specific tab is as shown in Figure 15. (BANKPI relevant)

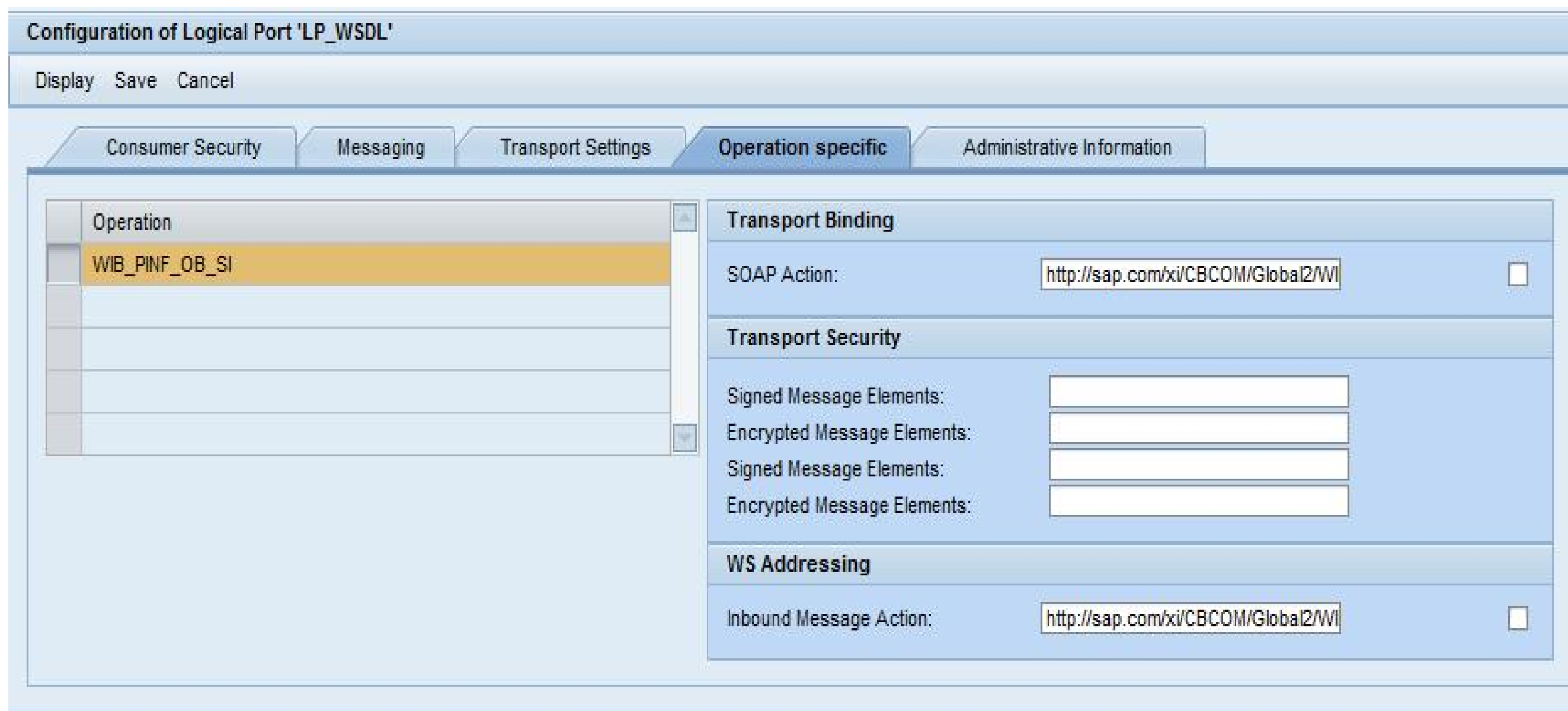


Figure 15

Step 12: Verify that the configuration for the tab Administrative Information is as shown in Figure 16. The LP name should be the same as that maintained in Step 6.

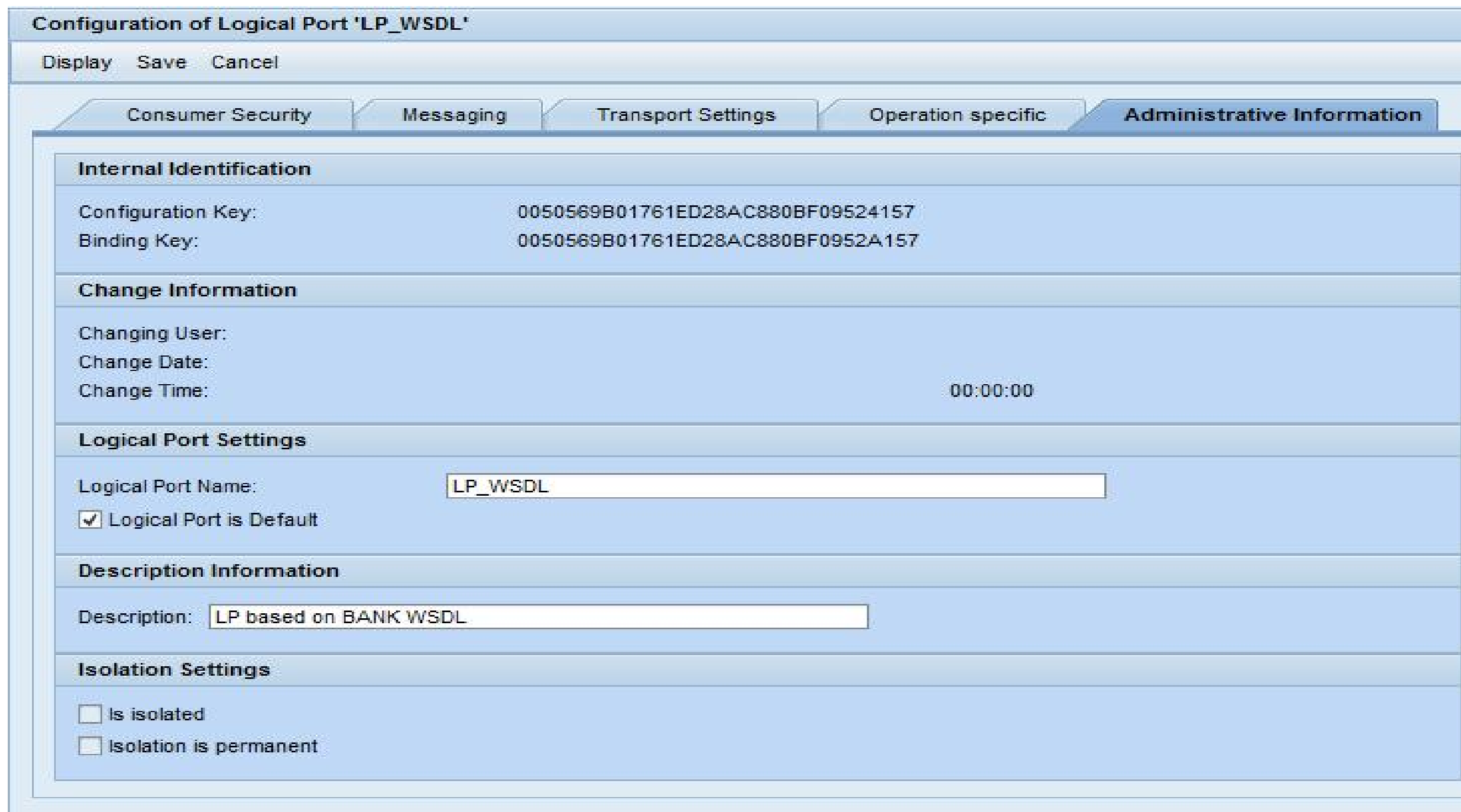


Figure 16

Step 13: Choose Save to do so for the logical port with all the configurations and settings maintained from the previous steps as shown in Figure 17.

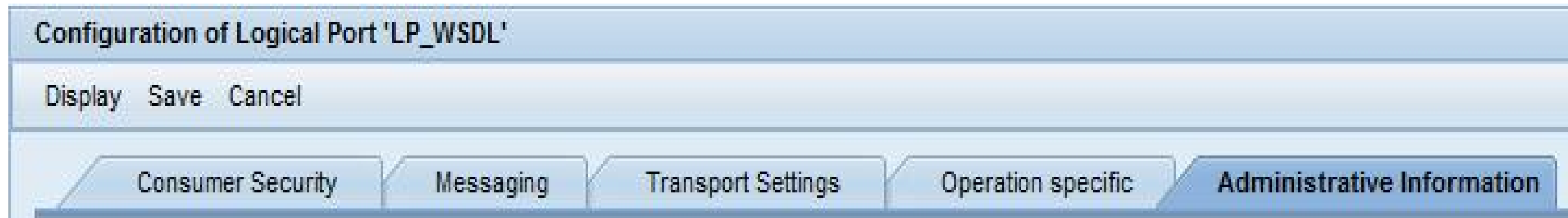


Figure 17

Step 14: Use this Logical Port to test the Consumer Proxy from SPROXY in reference to the Outbound Message from your SAP ERP towards BANKPI as shown in Figure 17-19



Figure 18

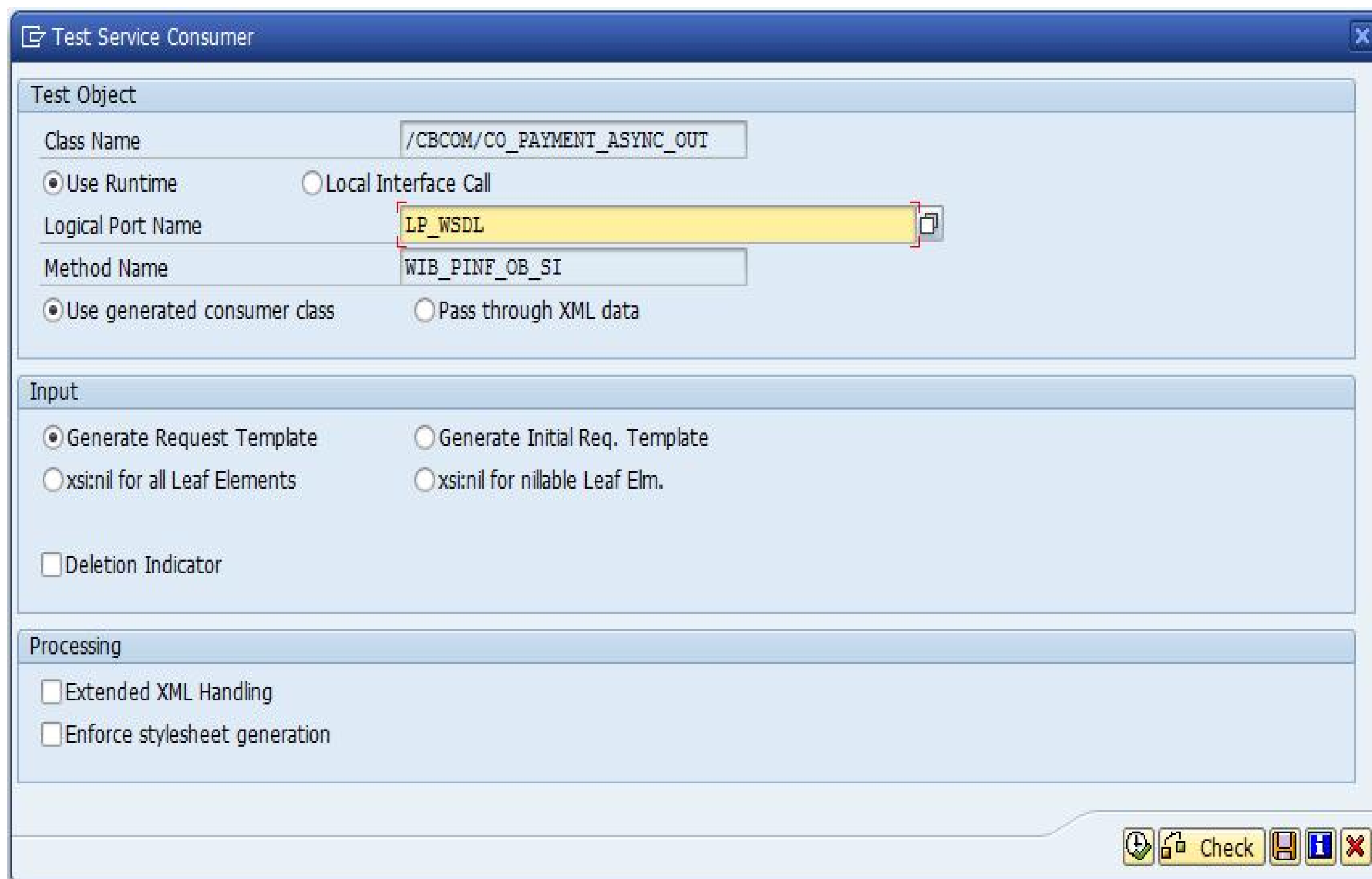


Figure 19

Step 15: Click on the execute icon from Figure 19 to send data using the above created Logical Port with the relevant Sample Payment Data.

Further, click on Trigger COMMIT WORK option from the Menu -> Extras to initiate the message transfer.

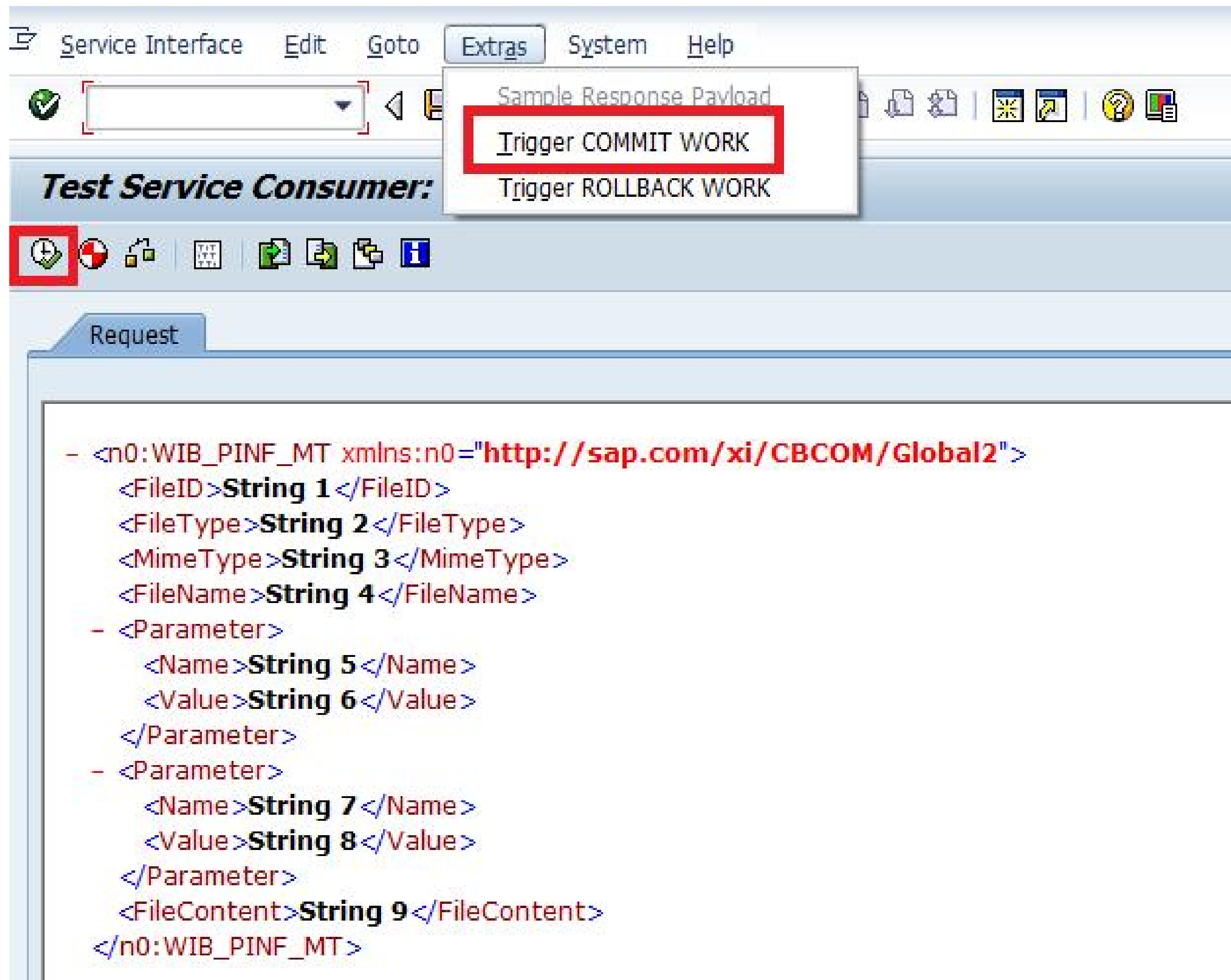


Figure 20

3.1.4 Configuration Details – Scenario PCNF

This section lists the sequence of steps – Web Service Provider Configurations (Technical configuration, Application configuration) required to implement the Business Scenario PCNF Connectivity from BANK Legacy System towards BANKPI to the SAP ERP. It supports PAIN002 and CAMT053 file format.

Provider Proxy Interface: The Proxy Application/Interface is to be implemented on the SAP ERP (Provider Side). This will then be used to generate the proxies based on the *data design structure* from the ESR of the BANKPI (Consumer side).

Steps:

Step 1: Import the Package of the Proxies on the ERP system if not done from the previous section.

Step 2: Go to TCODE: SPROXY in the SAP ERP as shown in the figure 20

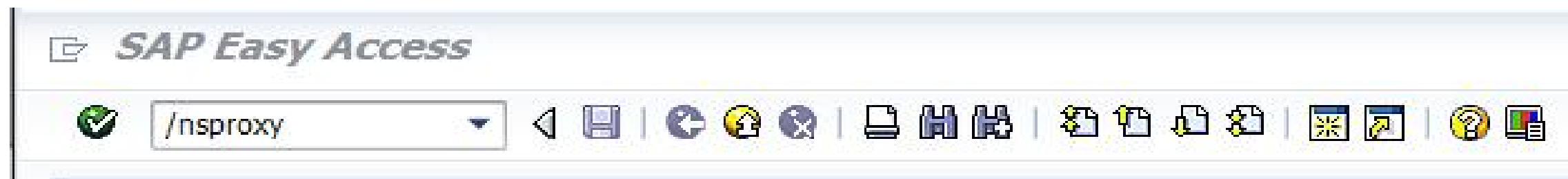


Figure 21

Step 3: Navigate and expand the structure of the relevant proxy from the available Namespaces in the list that concern the scenarios.

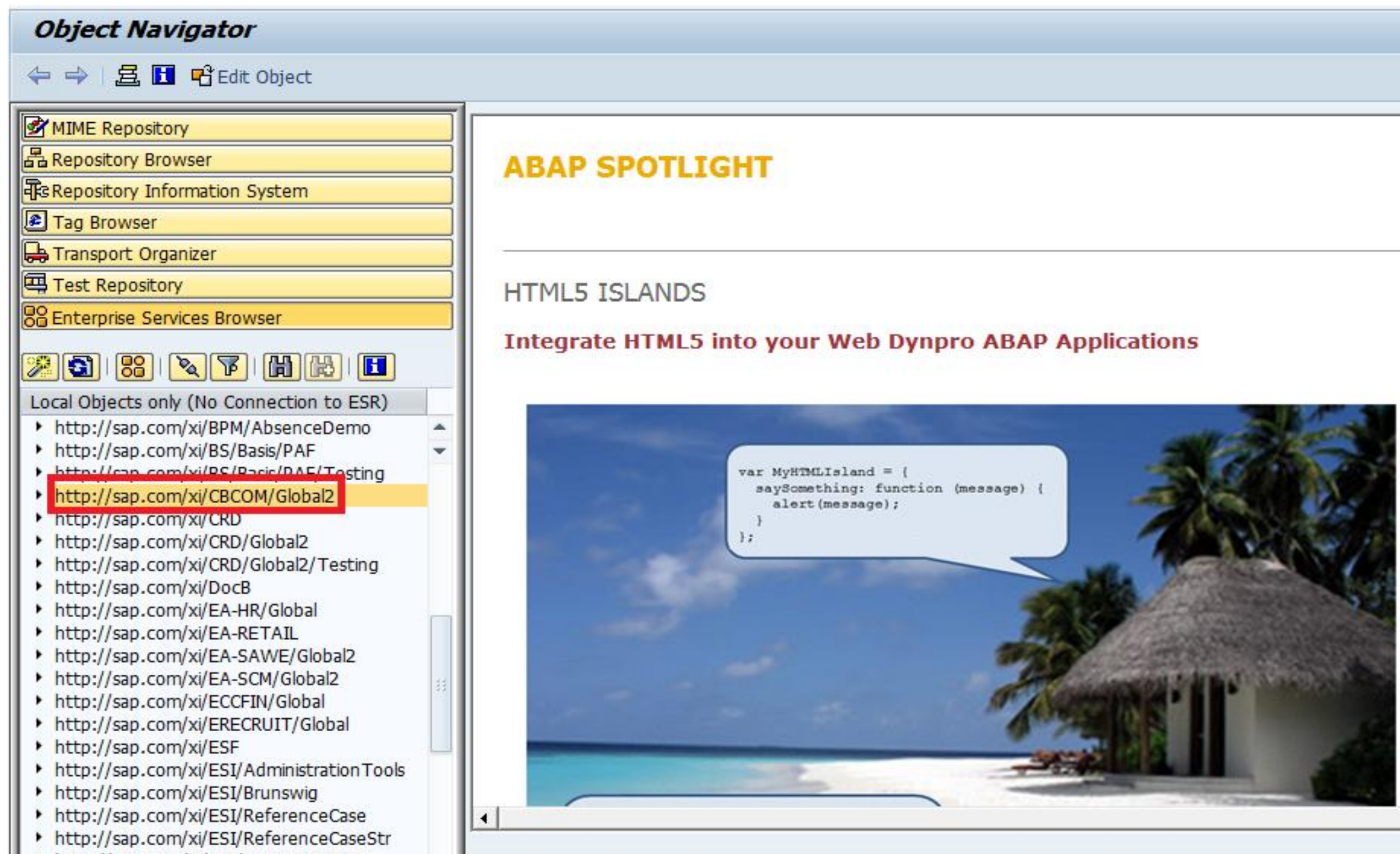


Figure 22

Step 4: Navigate to the Service Interface WIB_PCNF_IB_SI that agrees to the Scenario PCNF.

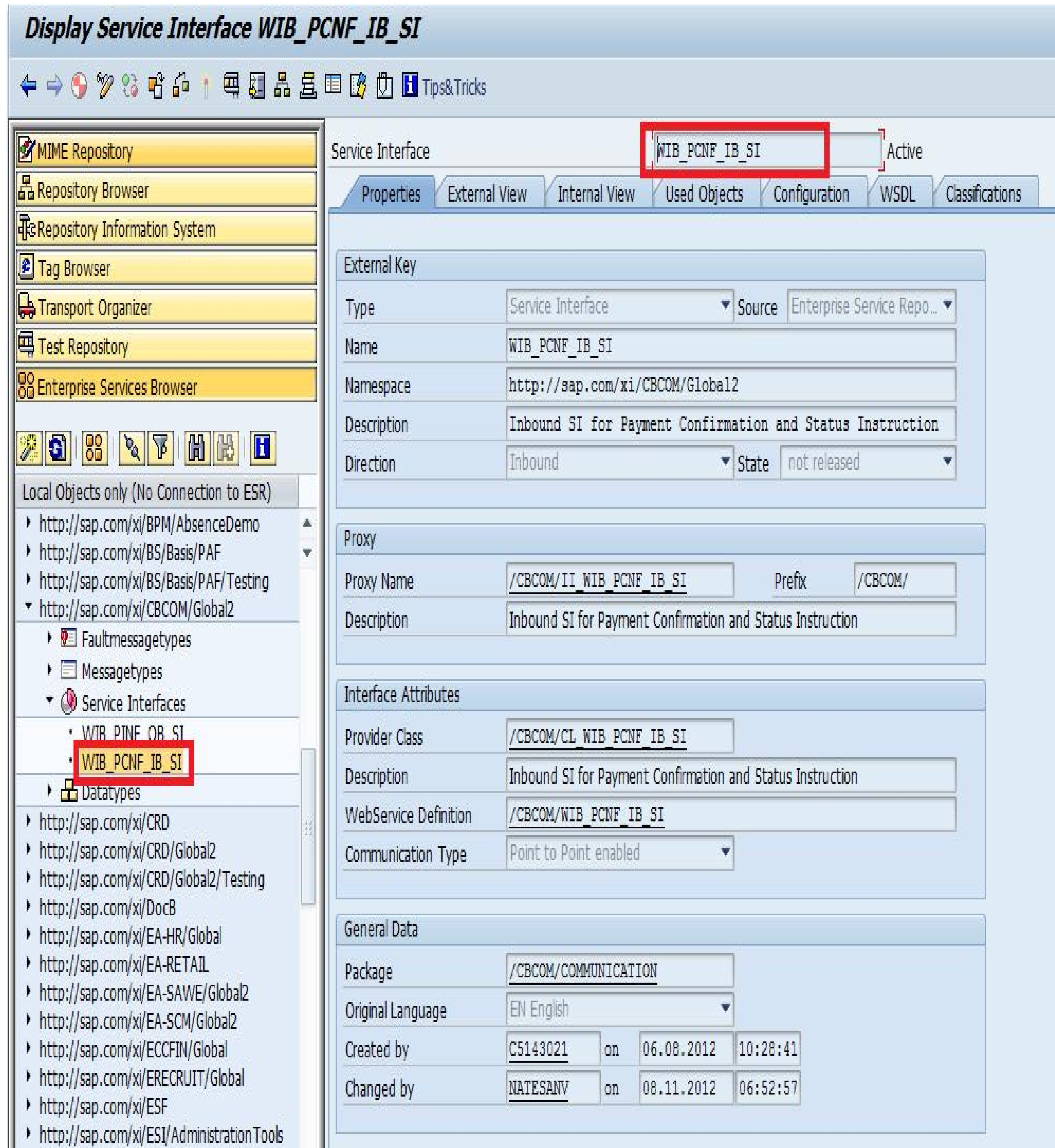


Figure 23

Step 5: Double-click to expand the mentioned Interface and observe the details as shown in Figure 22.

Configuration Steps:

Step 1: Go to TCODE: SOAMANAGER on the ERP to open the Web based interface as shown.

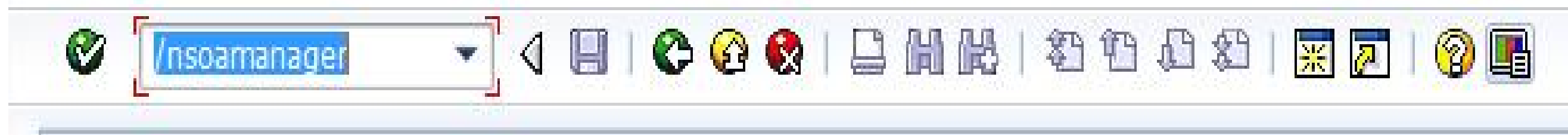


Figure 24

Step 2: Click on the Service Administration tab page and then Web Service Configuration tab page as depicted in Figure 25.



Figure 25

Step 3: Click on the Search by dropdown and Select the “Service Definition” option. Provide the input field relevant to Search Pattern with the value “WIB_PCNF_IB_SI” as shown in Figure 26.

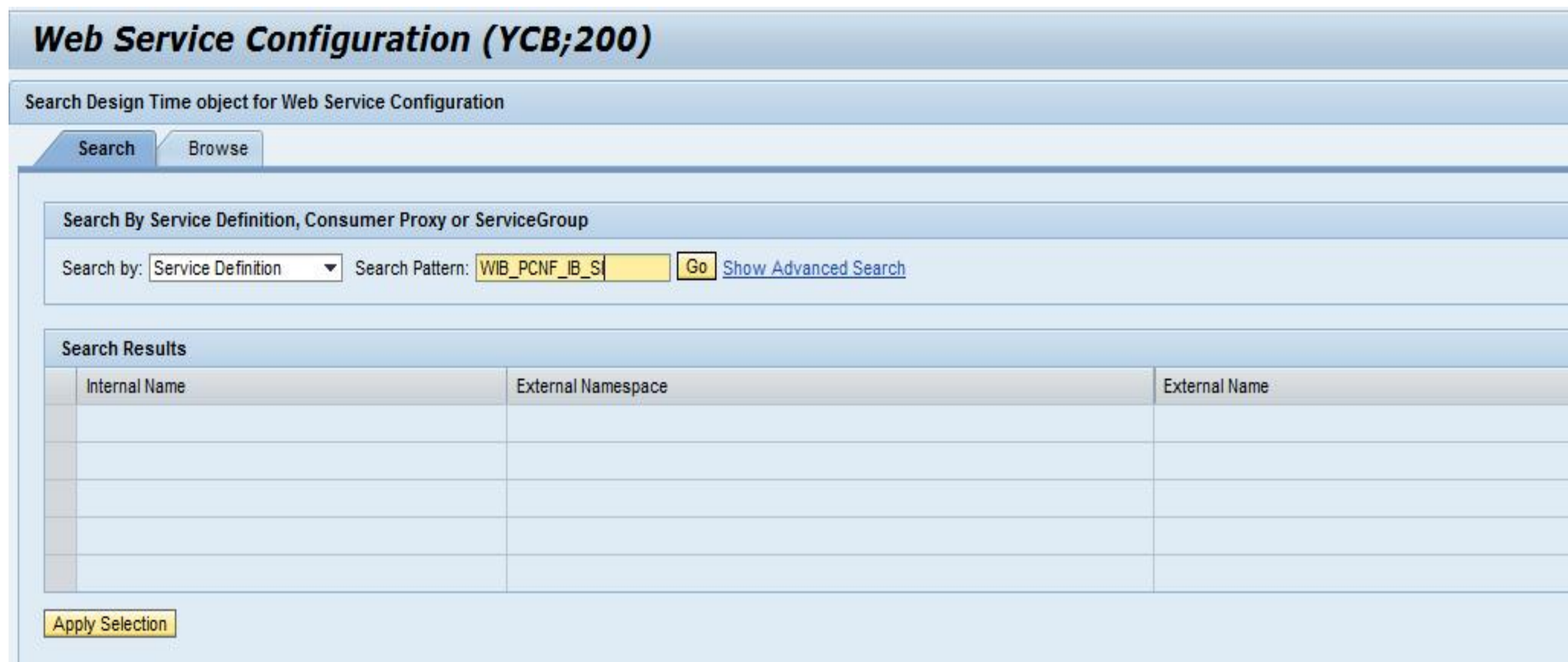


Figure 26

Step 4: Click on GO to open the Service Proxy relevant to the Scenario PCNF as shown in Figure 27.

1 entities found!

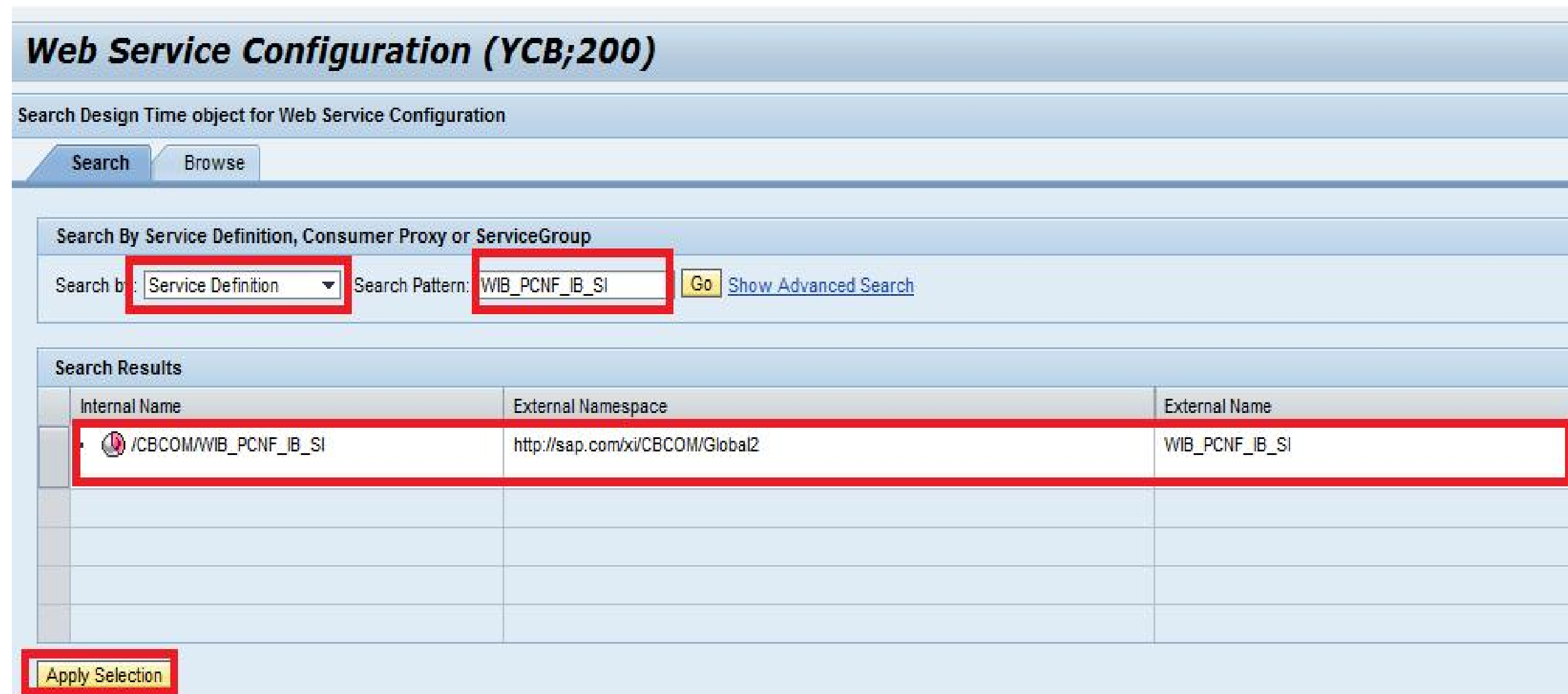


Figure 27

Step 4: Click on the Configurations tab page and click on the sub-tab *Create* to create a service for the provider configurations as shown in Figure 28.

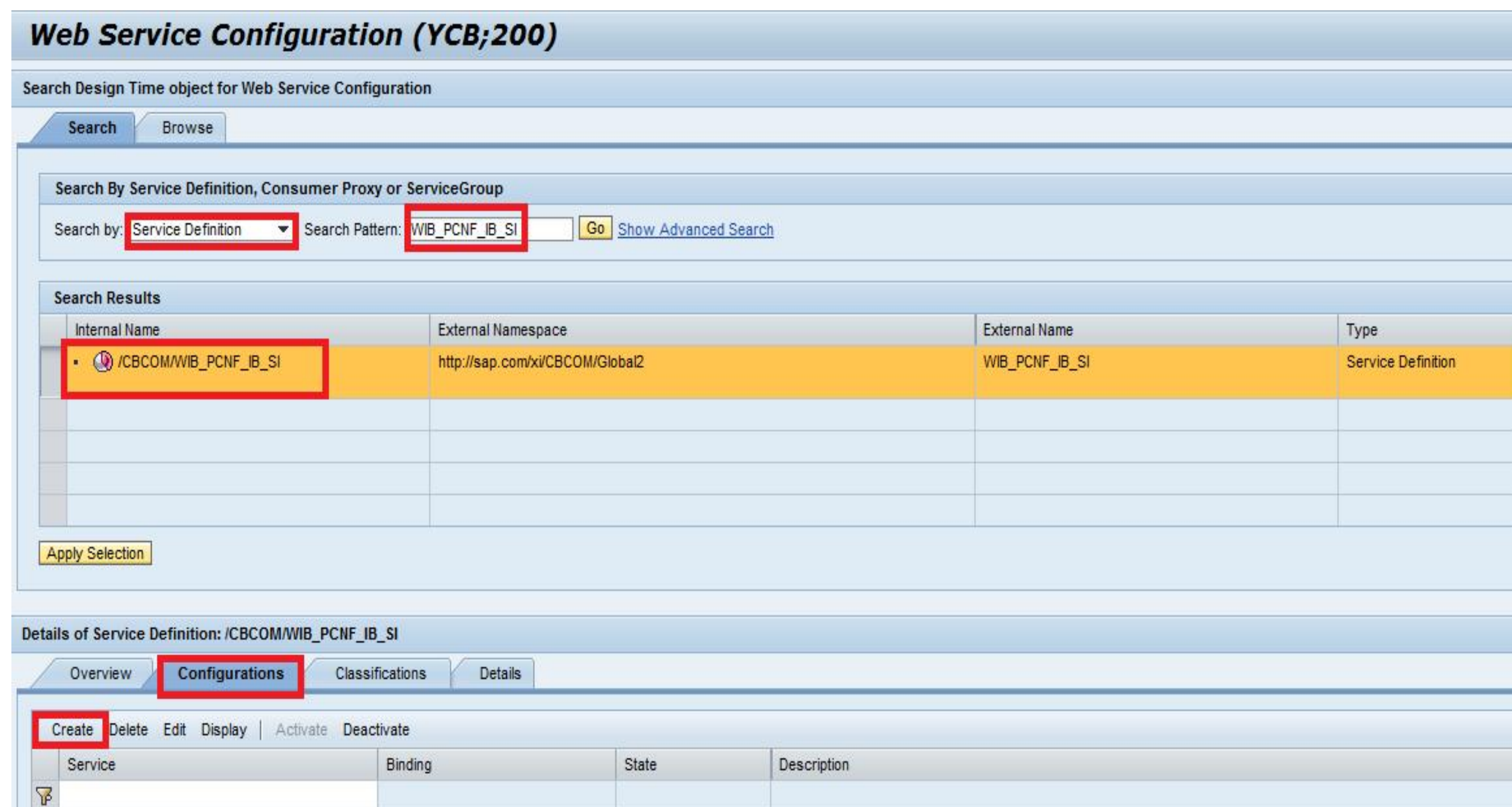


Figure 28

Step 5: Give a service name, description and a binding name for the newly-created service and click on *Apply Settings* to create the provider configurations as shown in Figure 29.

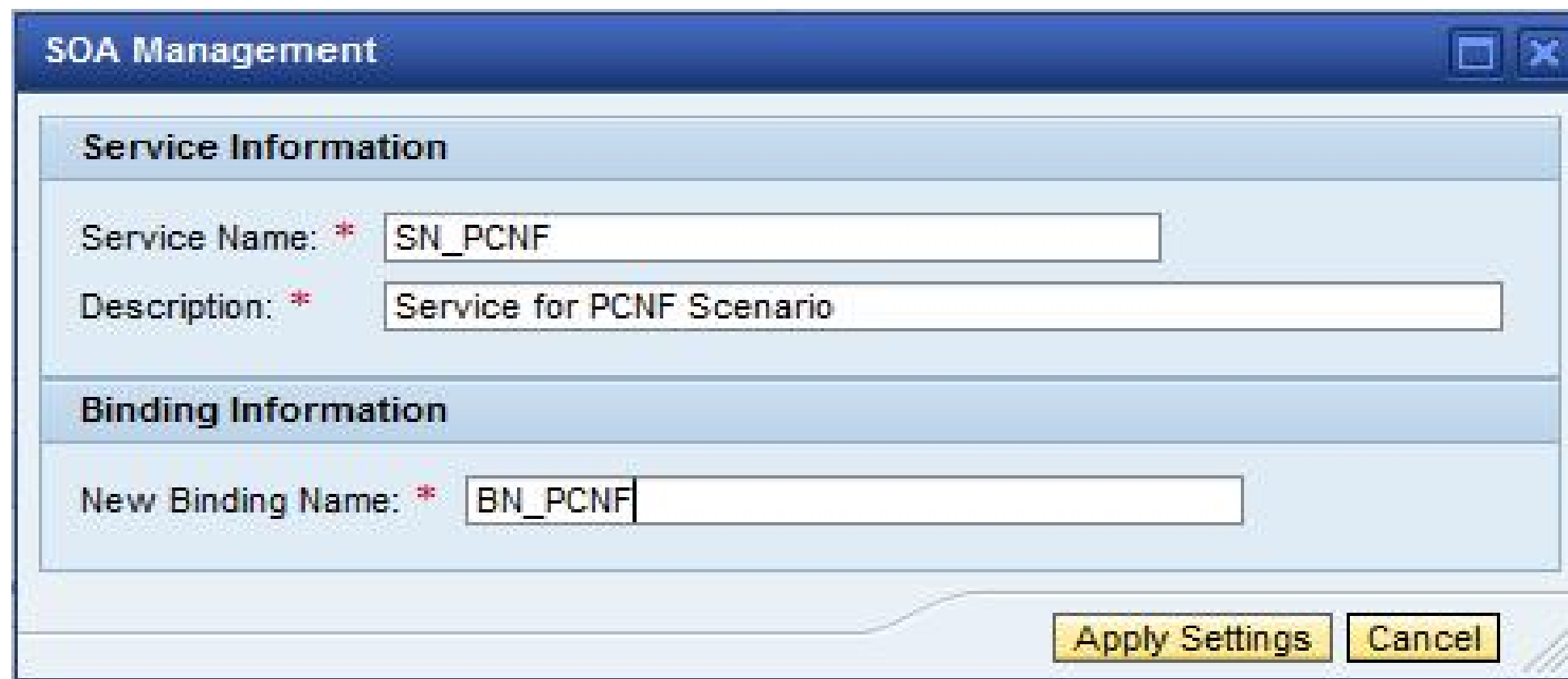


Figure 29

Step 6: Maintain *Provider Security* details as shown in Figure 30. The authentication setting has the authentication method - *Transport Channel Authentication* -> X.509 SSL Client Certificate.

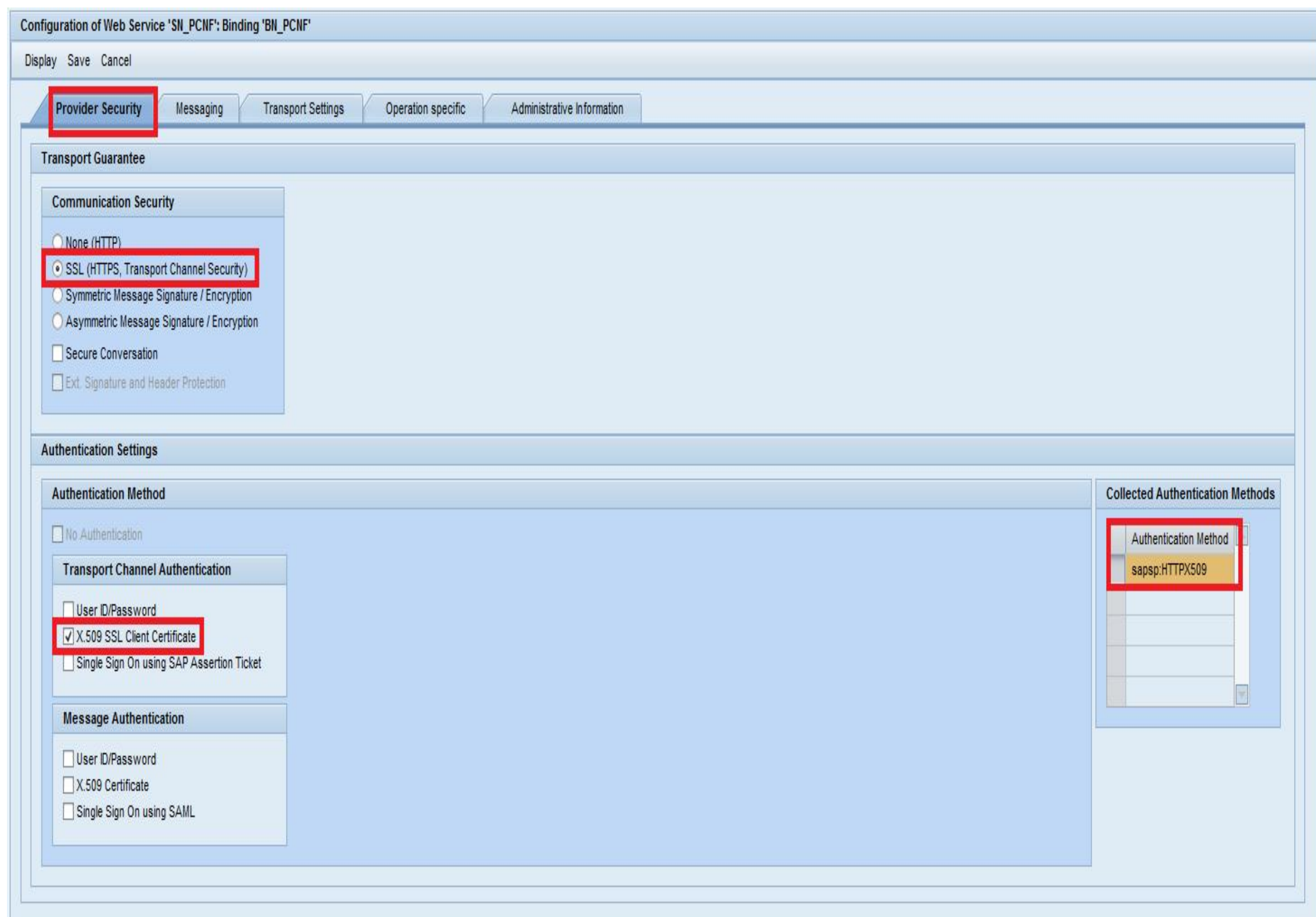


Figure 30

Step 7: Verify the parameters on the Messaging tab page of the created binding as shown in Figure 31.

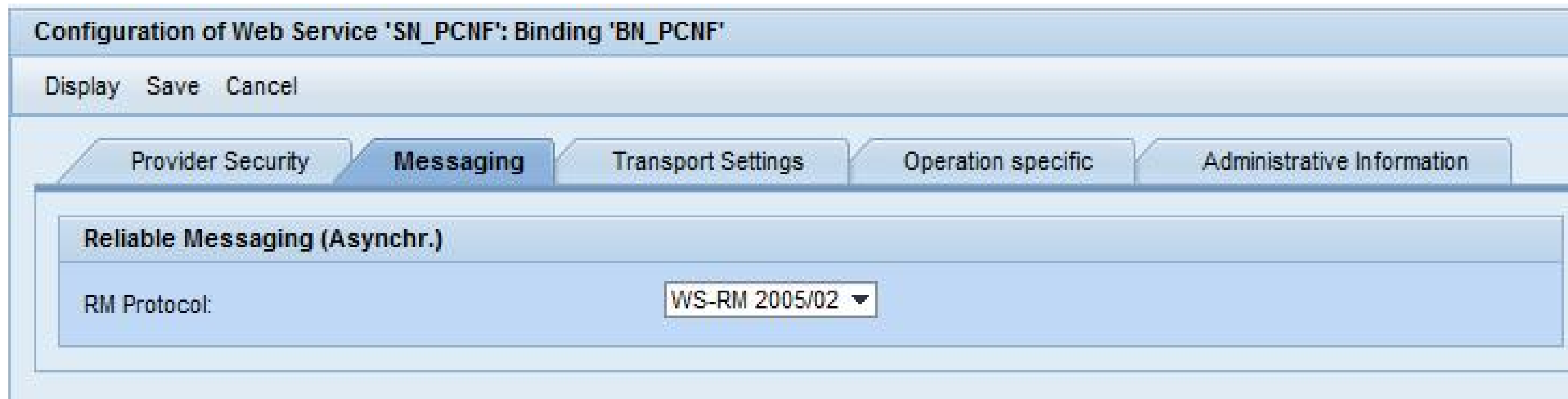


Figure 31

Step 8: Verify the transport settings of the service as shown in the Figure 32. Ensure that the protocol is HTTPS. The tabs *Operation Specific* and *Administrative Information* are generic to the created service with the above configurations.

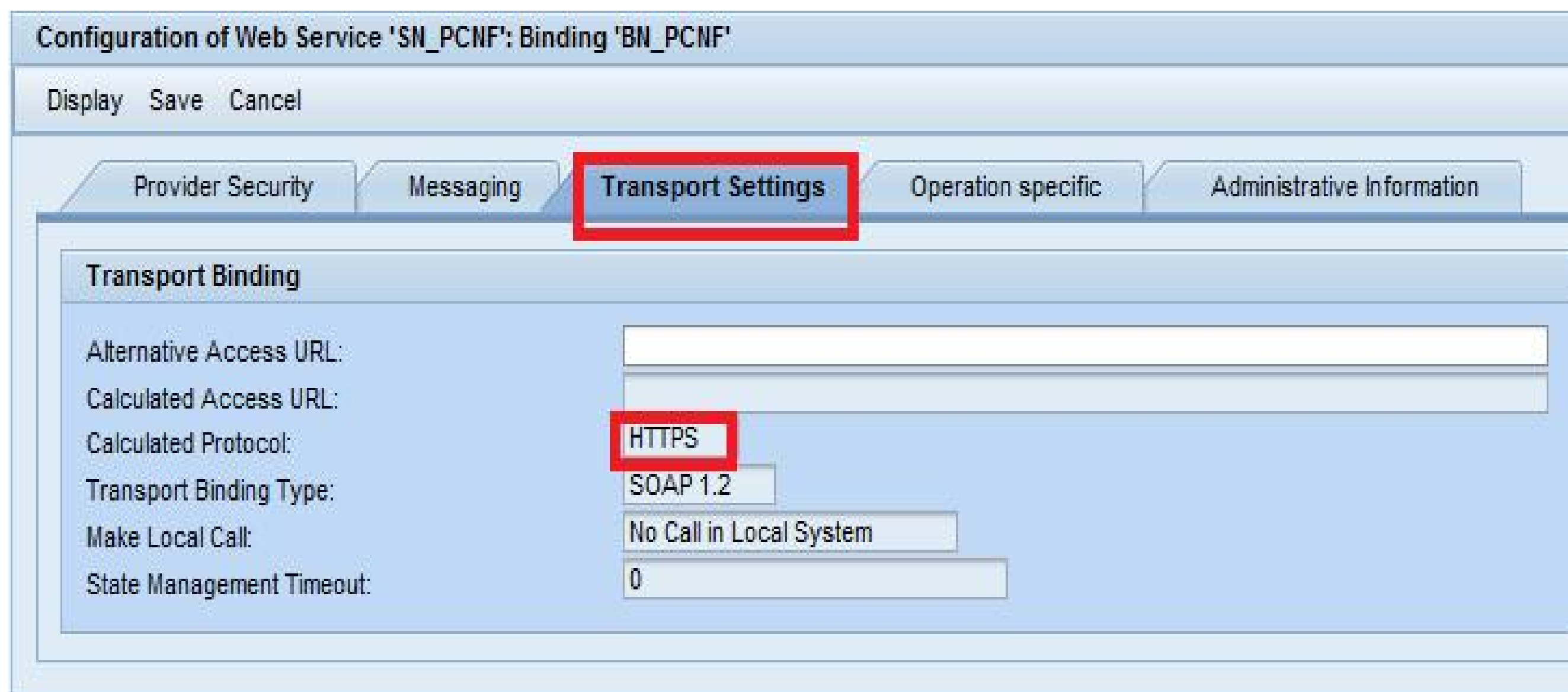


Figure 32

Step 9: Once verified choose the *Save* icon to save the service for the provider configurations.

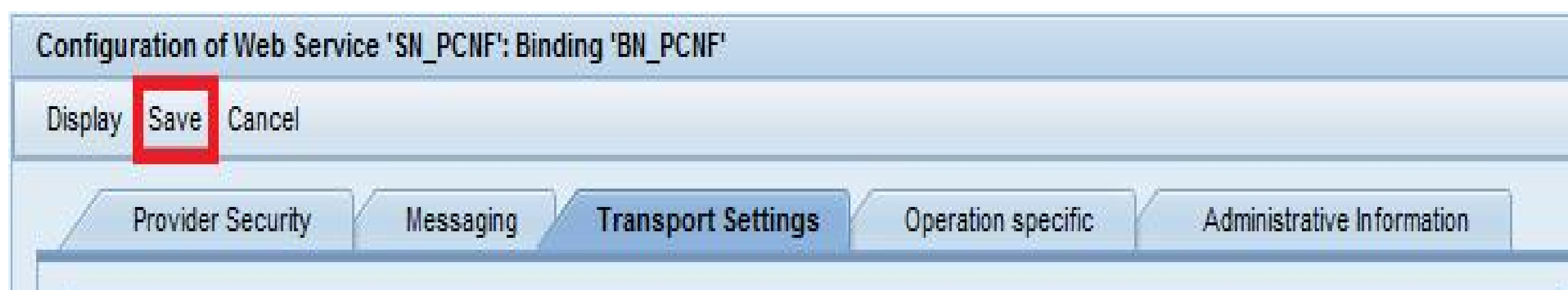


Figure 33

Step 10: Once saved, Click on the Overview tab page and confirm that the attributes have been maintained as shown in Figure 34. The meta data protocol and the binding protocol should be set to HTTPS.

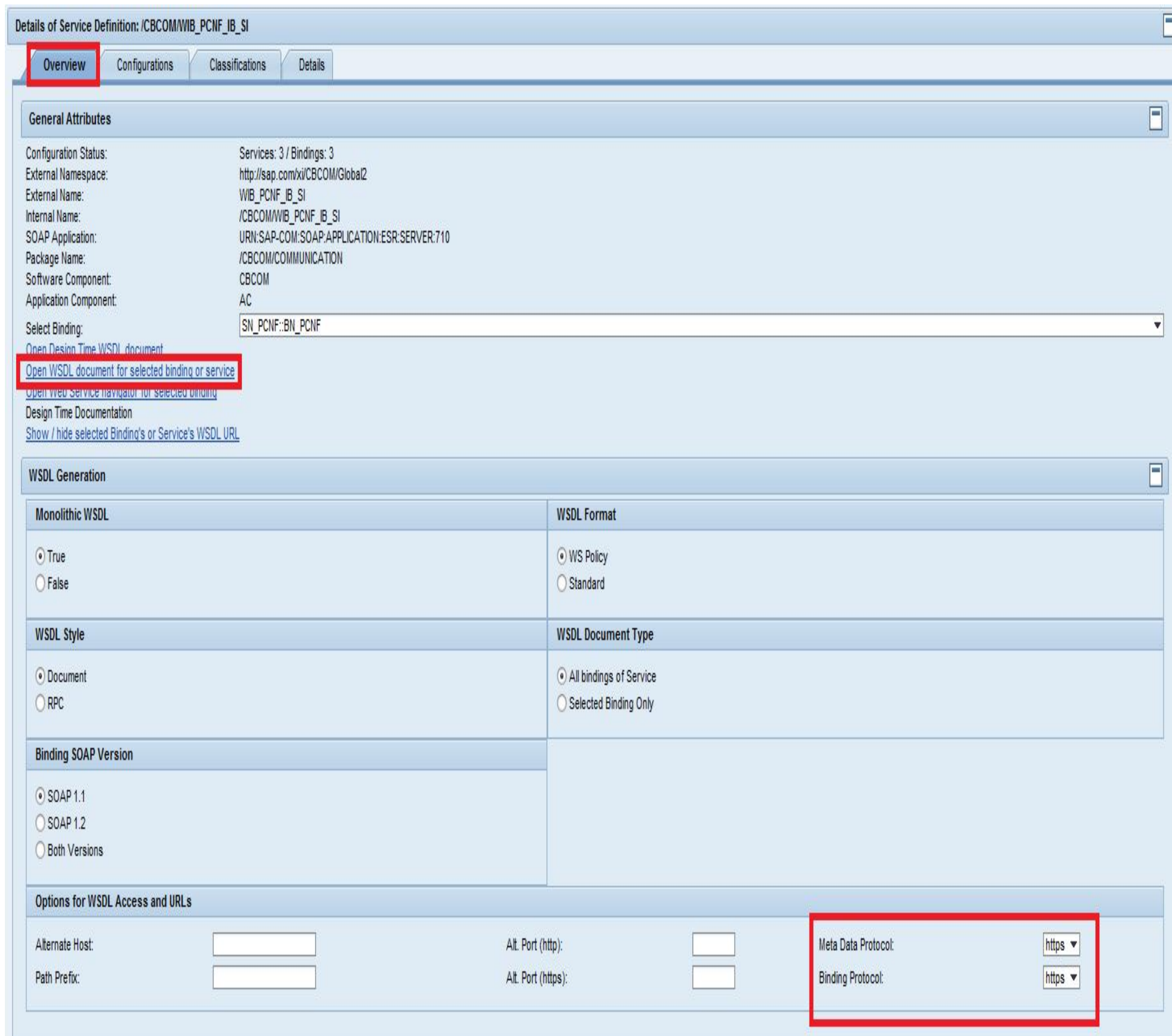


Figure 34

Step 11: Click on the Link “Open WSDL document for selected binding or service” as shown in figure 33. The WSDL document opens up on a URL and this is the WSDL URL which needs to be shared with the BANKPI or alternatively, save the WSDL document available at the WSDL URL and export it to the BANKPI.

Step 12: The End point URL can be seen at the bottom of the WSDL Document under the SOAP Address Location Tag as shown in Figure 35.

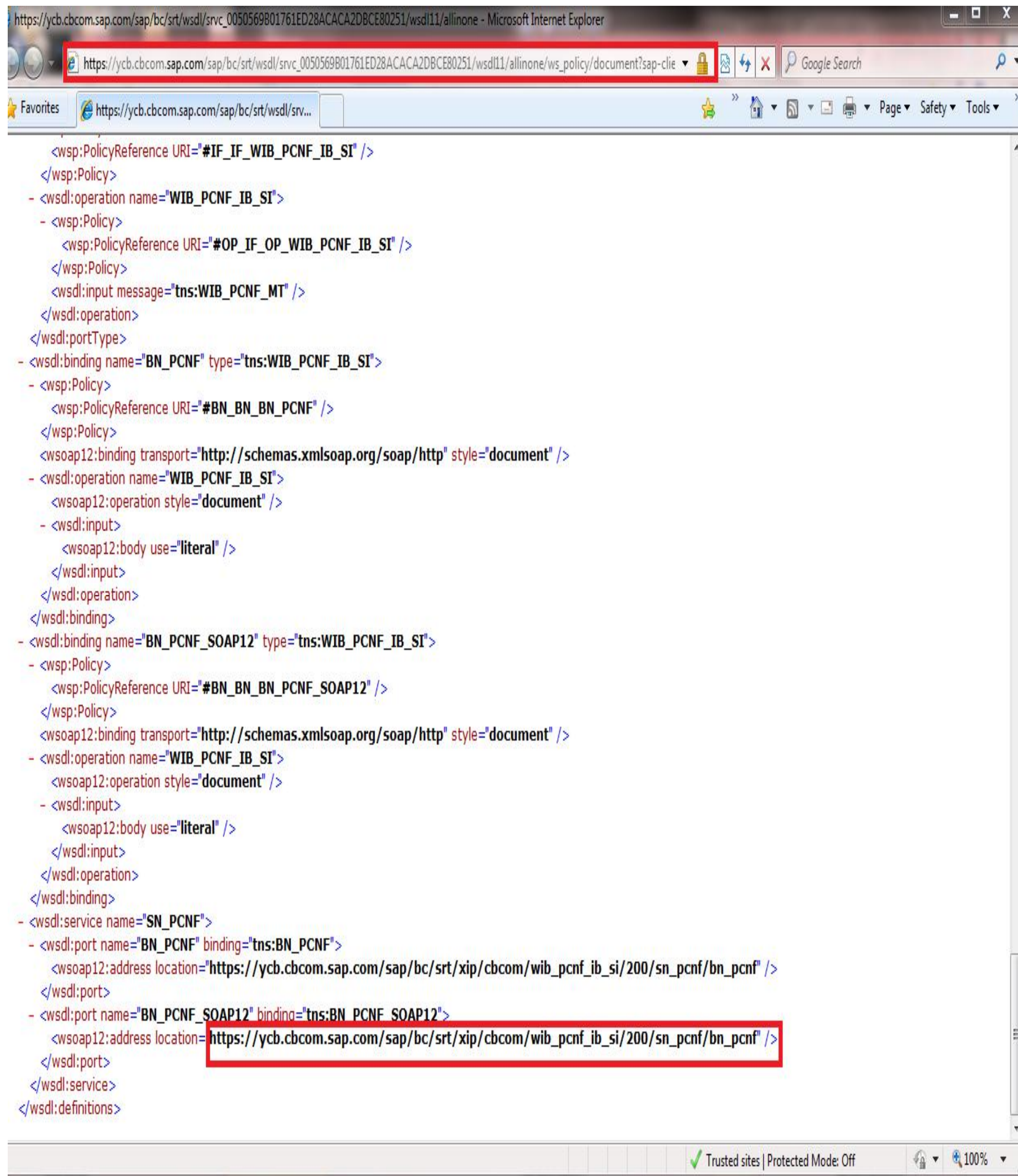


Figure 35

Important Note: If the End Point URL and WSDL URL are not obtained on Fully Qualified Host Names the same needs to be maintained in the Reverse Proxy Settings in the SOAMANAGER as shown in Figure 36.

Go to Technical Administration - > SAP Client settings - > Reverse Proxy settings.

Provide a Reverse Proxy Name; the relevant applicable Substitute Host Name which should be the FQHN; the relevant HTTPS Port along with other relevant information as shown.

SOA Management (YCB;200)

Service Administration | **Technical Administration** | Logs and Traces | Management Connections | Services Registry | Monitoring | Tools

SAP Client Settings
Maintain general settings for the current SAP client

[Profiles](#)
Maintain technical settings for Business Scenario Configuration

[Provider Systems](#)
Maintain Provider Systems for Business Scenario Configuration

SAP Client Settings (YCB;200)

Service Identifier | **Reverse Proxy Settings** | Web Services Navigator | Documentation Server

Append Row | Delete Row | Meta Data Cache Refresh | Save

Reverse proxy name	Incoming http header host name	Incoming ICM port	Substitute host name	Substitute http port	Substitute https port	Additional path prefix	Meta data protocol substitution	Endpoint protocol substitution	Status
TEST_PXY	*	*	ycb.cbcom.sap.com	443			https	https	active

Figure 36

Step 13: Verify that the End point shown in the above snapshots is now updated as shown under Transport Settings in Figure 37. This can now be used by the BANKPI to communicate with your SAP ERP for sending messages.

Configuration of Web Service 'SN_PCNF': Binding 'BN_PCNF'

Edit | Save | Cancel

Provider Security | Messaging | **Transport Settings** | Operation specific | Administrative Information

Transport Binding

Alternative Access URL:

Calculated Access URL:

Calculated Protocol:

Transport Binding Type:

Make Local Call:

State Management Timeout:

Figure 37

3.2 Role and Authorization Concept for the Solution

3.2.1 Standard Roles

There are no standard roles that are used by the solution.

3.2.2 Standard Authorization Objects

The table below shows the security-relevant authorization objects that are used by the solution.

Authorization Object	Field	Value	Description
/CBCOM/PRT	ACTVT	16	Corporate to Bank connectivity Payment monitor Cockpit - Execute
/CBCOM/PRT	ACTVT	A9	Corporate to Bank connectivity Payment monitor Cockpit – Resend Message

4 Operations Information

Designing, implementing, and running your SAP applications at peak performance 24 hours a day is vital for your business success. This chapter contains important information on how to smoothly operate this solution provided by SAP for Westpac. The important topics discussed are *Monitoring, Administration, Software Change Management, High Availability, and Troubleshooting*. This chapter describes the tasks to execute and the tools to use.

- This chapter does not replace the operations handbook in which the customer or the operations organization documents the concrete tasks, involved parties, and interaction procedures.

The solution is based on SAP ECC 6.0 and Software Components SAP_BASIS SP17 Rel. 700, SAP_APPL SP14 Rel. 600, SAP_AP SP 14 Rel. 700.

Therefore, the general operations information that is covered in the corresponding operations guides also apply to the solution.

For a complete list of available SAP Operations Guides, see <http://service.sap.com/instguides>.

The operations information specific to the solution is described in the following sections. The following areas are covered:

- Monitoring
- Administration and Management
- Software Change Management
- Troubleshooting

5 Monitoring

The following tools are used to monitor the message flow in case of Web service channel:

1: Go to Transaction SXMB_ADM: Following configurations must be done in order to successfully log messages in SXMB_MONI

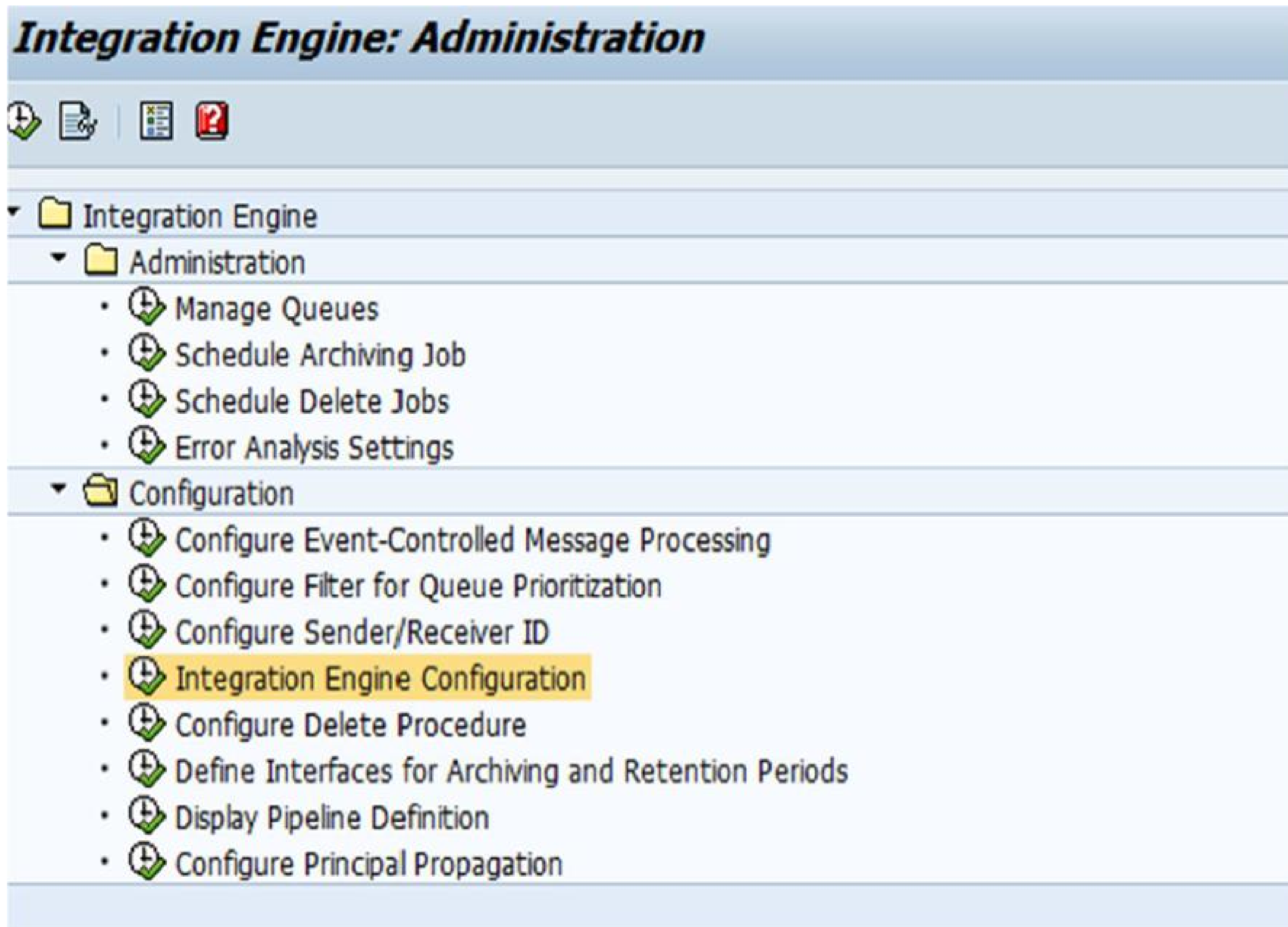


Figure 38

Go to Integration Engine Configuration -> Specific Configuration and add the entries as given below:

Display View "Configuration of the Integration Engine": Overview

✎ 📄 📄 📄

Current Configuration

Do...	Category	Parameters	Subparameter	Prefix	Default Value
	RUNTIME	ENGINE_TYPE		<input type="checkbox"/>	UNDEFINED
	RUNTIME	IS_URL		<input type="checkbox"/>	
	RUNTIME	LOGGING_PROPAGATION		<input type="checkbox"/>	0
	RUNTIME	LOGGING_SYNC		<input type="checkbox"/>	0
	RUNTIME	TRACE_LEVEL		<input type="checkbox"/>	1

Figure 39

2: SOAMANAGER: Log/Trace viewer; following screenshots show the configurations that needs to be done:

SOA Management

Technical Configuration | Application and Scenario Communication | **Logs and Traces** | Monitoring

[Logs/Trace Viewer](#)
Display all logs and traces.

[Logs Configuration](#)
Configure logs.

[Trace Configuration](#)
Configure traces.

[Trace Information](#)
Information about Trace Pattern

[SOA Configuration Log Viewer](#)
You may analyze the logs of the SOA Configuration activities.

[SOA Publication Log Viewer](#)
You may analyze the logs of the SOA Publication activities.

[SOA Configuration Trace](#)
You may analyze the soa trace, turn it on/off.

Figure 40

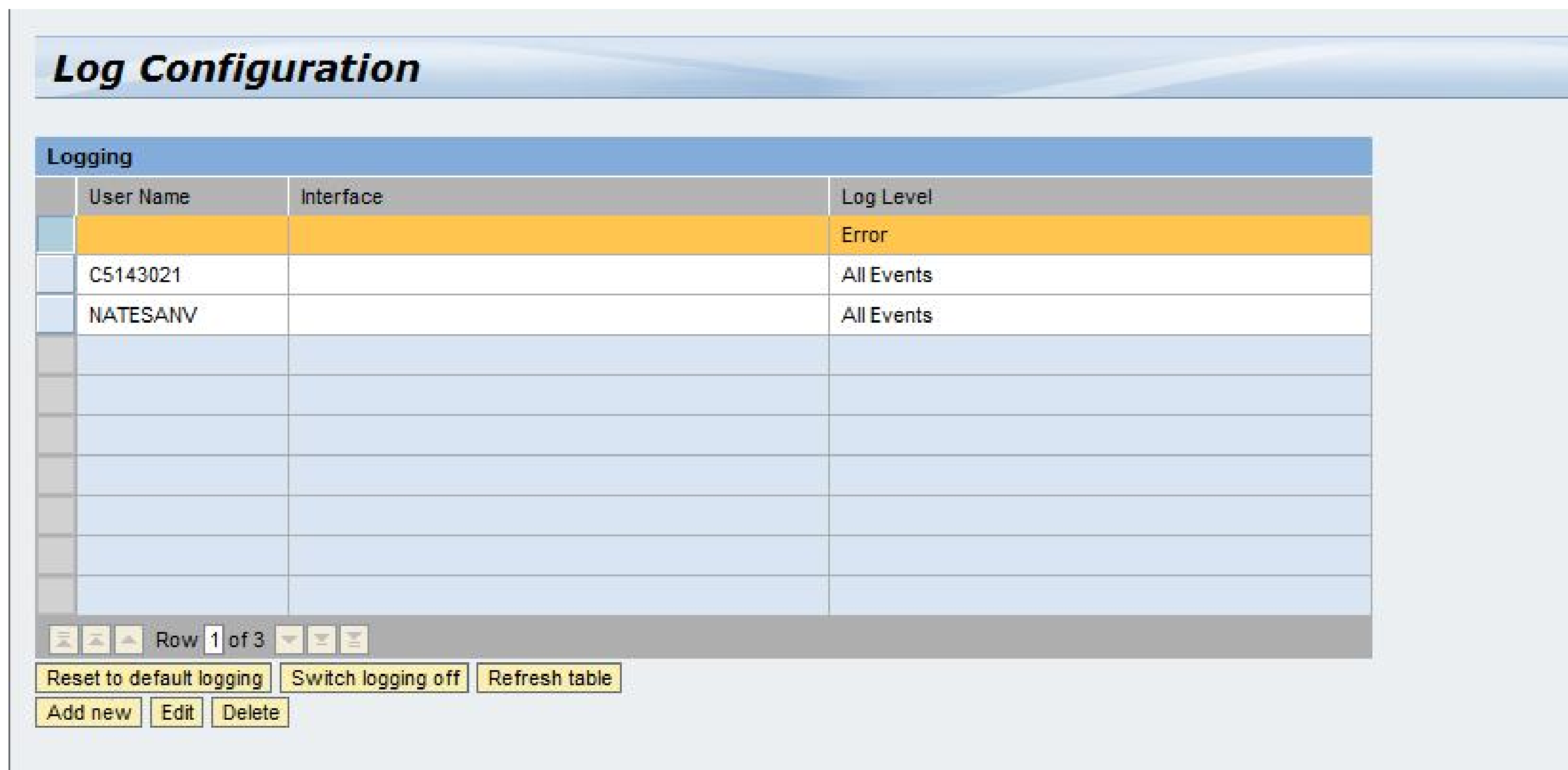


Figure 41

3. SOAMANAGER: Trace Configuration ; following screenshots show the configurations that needs to be done

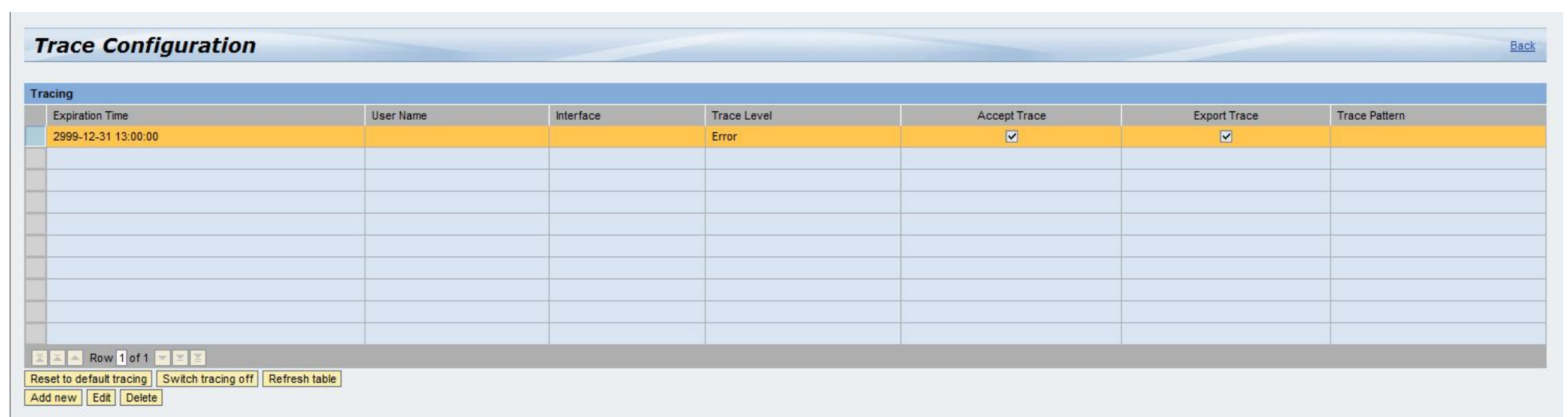


Figure 42

4. SOAMANAGER: Log / Trace Viewer; to view logs & traces for the past 24 hrs.

5.1.1 Alert Monitoring

Alert Monitoring on a communication level can be done using standard Web service monitoring functionality.

SXMB_MONI – To monitor the status of Web Service call

Out	Status	Details	Ack	Executed From	Start Time	End Time	Sender Component	Sender Namespace	Sender Interface	Receiver Component	Receiver Namespace	Receiver Interface	P
				21.12.2012	09:39:27	09:39:30		http://sap.com/xi/CBCOM/Global2	WIB_PINF_OB_SI		http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					09:39:40	09:39:40					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					09:39:48	09:39:48					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					09:39:52	09:39:52					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:20:55	10:20:59		http://sap.com/xi/CBCOM/Global2	WIB_PINF_OB_SI		http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:21:07	10:21:08					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:21:14	10:21:14					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:21:18	10:21:18					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:24:38	10:24:41		http://sap.com/xi/CBCOM/Global2	WIB_PINF_OB_SI		http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:24:48	10:24:48					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:24:52	10:24:52					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V
					10:24:55	10:24:56					http://sap.com/xi/CBCOM/Global2	WIB_PCNF_IB_SI	V

Figure 43

In case of errors, tracing via SOA Manager can be switched on to identify the source of the error. Another option is the Web Service Utility (transaction SRT_UTIL).

Web Service Utilities

Users & Request URI: /sap/bc/srt/

Configuration | Performance Trace | Functional Trace | Payload Trace

User Name:

Request URI: /sap/bc/srt/

Available Traces

- Performance Trace: 1 Active
- Functional Trace: 0 Inactive
- Payload Trace: 1 Active

Consumer only
 Provider only
 Consumer & Provider

Any Consumer Proxy
 Specific Consumer Proxy
 Any Service Definition
 Specific Service Definition

Consumer Proxy:

Service Definition:

Consumer Proxy:

Service Definition:

Consumer Proxy:

Service Definition:

Save Configuration | Active Traces are valid until: | Last change:

Figure 44

5.1.2 Error Logs

The application logs are logged in the application and can be viewed in the transaction 'SLG1'.

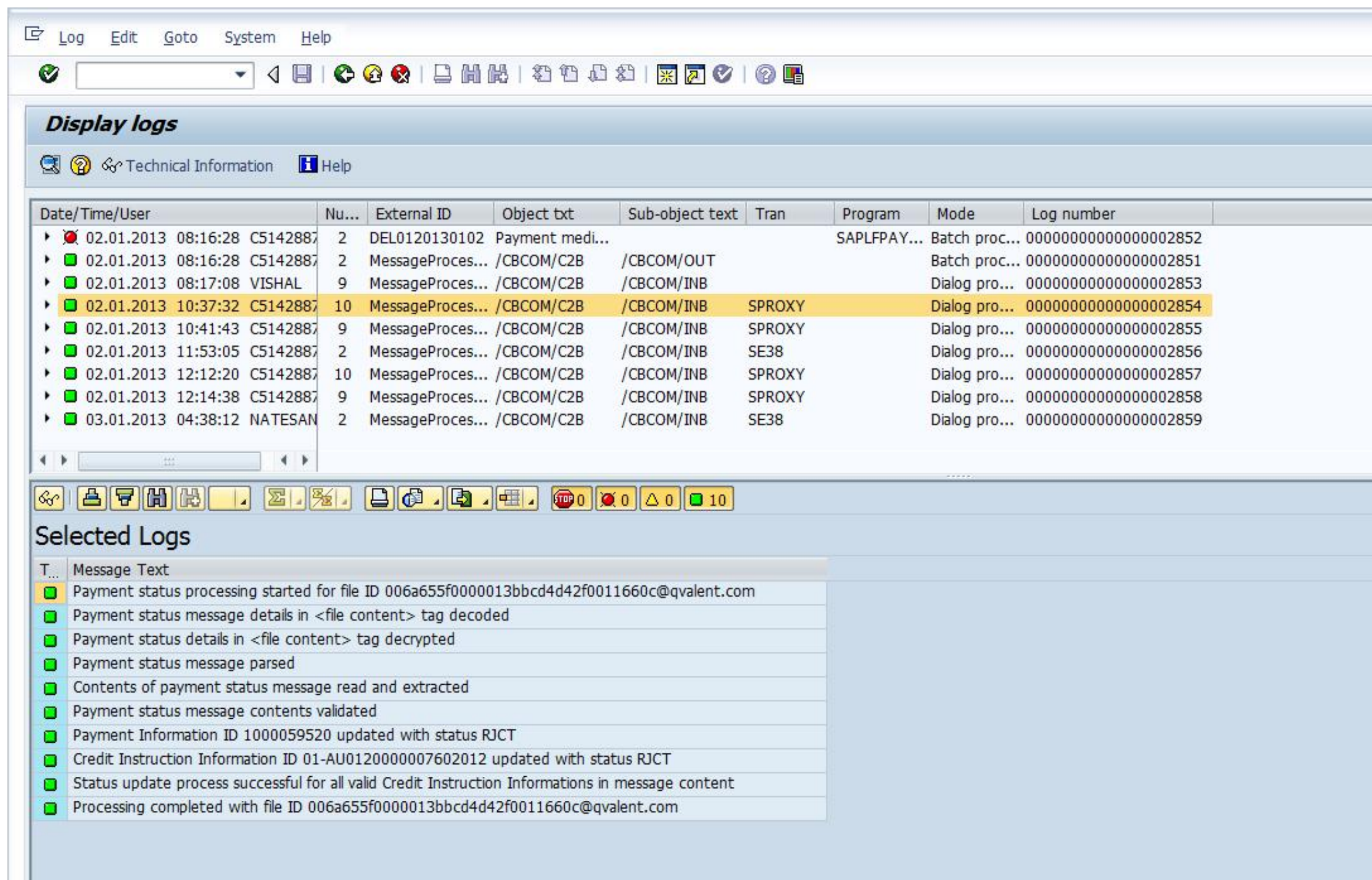


Figure 45

5.1.3 Workload Monitoring

Not Applicable

5.1.4 Interface Monitoring

Standard Integration Monitor (SXMB_MONI) can be used for monitoring messages send/received via Web service Interface.

5.1.5 Background Job Monitoring

Standard tools can be used to monitor background jobs

5.2 Administration and Management

5.2.1 Starting and Stopping

Not Applicable.

5.2.2 Technical Configuration

Not Applicable.

Configuration Guide

5.2.3 Backup and Restore

Not Applicable.

5.2.4 Periodic Tasks

Not Applicable.

5.2.5 User Management

Not Applicable.

5.2.6 Load Balancing and Scalability

Not Applicable.

5.2.7 High Availability

Not Applicable.

5.3 Software Change Management

Not Applicable.

5.4 Troubleshooting

Not Applicable.