

Relationship Pricing Interface User Guide

**Oracle Banking Retail and SME
Lending Cloud Service**

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1. Preface

This topic explains about the information about this manual.

1.1 About This Manual

This manual is designed to help with the Integration of Oracle Banking Retail and SME Lending Cloud Service with External Product Processors for providing Customer Relationship Pricing.

1.2 Audience

This manual is intended for the following User/User Roles:

Role	Function
Implementation & IT Staff	Implementation & Maintenance of the Software

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

1.4 Critical Patches

Oracle advises customers to get all their security and vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

1.5 Organization

This manual is organized into the following chapters:

Chapter	Description
Preface	Information about this Manual is specified in this section
Interface Guide	This chapter helps you the integration of Oracle Banking Retail and SME Lending Cloud Service providing functionality called Customer Relationship Pricing with External Product Processors.

1.6 Glossary

This User Manual may refer to the following terms:

Abbreviation	Description
OBRSL	Oracle Banking Retail and SME Lending Cloud Service
RP	Relationship Pricing

- External Data Elements
- External Price Component Maintenance
- Relationship Value Tag Codes
- Relationship Pricing Eligibility Plan
- Pricing Variance Rule Maintenance
- Benefit Plan Maintenance
- Relationship Pricing Scheme
- Customer Scheme Relationship Pricing Batch

2.2.2 Upload Source Preference Maintenance

In the Upload Source Preference Maintenance screen (CODUPLDM), please maintain the External system with Post Upload Status as “Authorized”.

Figure 2.2: Upload Source Preferences Maintenance Screen

NOTE: The above maintenance has to be done for every external product processors.

2.2.3 External System Functions Maintenance

External Product processors invoke OBRSL for RP when

- 1) Create/Modify/Query Price Component
- 2) Create/Modify/Query Price Component

3) Querying Relationship Price

This maintenance is required for every product processors both for invoking Gateway or Rest service.

	Service Name	Operation	Purpose
1)	OBRSLCoreService	CreateExtPriceComp/ ModifyExtPriceComp/ QueryExtPriceComp	Create/Modify/Query Price Component
2)	OBRSLCoreService	CreateEDE/ ModifyEDE/ QueryEDE	Create/Modify/Query External Data Elements(EDEs)
3)	OBRSLCoreService	CreateQueryPrice	Querying Relationship Price

Maintain the above services in of External System Functions Maintenance screen (GWDETFUN) in OBRSL

Figure 2.3: External System Functions-COGEXTCO

The screenshot displays the 'External System Functions' maintenance interface. At the top, there are navigation icons for New, Copy, Close, Print, and Enter Query. The main form is divided into two sections. The left section contains input fields for:

- External System * (value: EXTSYS)
- Function * (value: COGEXTCO)
- Action * (value: NEW)
- Service Name (value: FCUBSCoreService)
- Operation Code (value: CreateExtPriceComp)

 The right section contains:

- Description (value: EXTSYS)
- Bulk SMS Check (toggle switch, currently off)

Figure 2.4: External System Functions-COGEDEMT

External System Functions

New Copy Close Print Enter Query

External System *	EXTSYS		Description	EXTSYS
Function *	COGEDEMT		Bulk SMS Check	<input type="checkbox"/>
Action *	NEW			
Service Name	FCUBSCoreService			
Operation Code	CreateEDE			

Figure 2.5: External System Functions-IFGEXTRP

External System Functions

New Copy Close Print Enter Query

External System *	EXTSYS		Description	EXTSYS
Function *	IFGEXTRP		Bulk SMS Check	<input type="checkbox"/>
Action *	NEW			
Service Name	FCUBSCoreService			
Operation Code	CreateQueryPrice			

2.3 Maintenances to be done in External Product Processors (PPs)

This section describes the specific maintenances for RP needed in the External Product Processors system to integrate the same with Oracle Banking Retail and SME Lending Cloud Service (OBRSL).

2.3.1 Product and Component Maintenance

Enable “External Pricing” for Components for which price needs to be derived from OBRSL. (If any)

2.3.2 EDE Maintenance

Maintain External Data Element name and value so that they can be sent to OBRSL when querying the price. These EDEs are internally used in Variance Rules in OBRSL to derive the price. (If any)

2.3.3 OBRSL - RP Processing

2.3.3.1 External Price Component

API called to create external pricing component is as below -

Service - OBRSLCoreService

Operation - CreateExtPriceComp/ ModifyExtPriceComp/QueryExtPriceComp

WSDL - http://<IP_ADDRESS>:<PORT_NO>/FCUBSCoreService/FCUBSCoreService?WSDL

REST - http://<IP_ADDRESS>:<PORT_NO>/ExtPriceComponentsService/ExtPriceComponents/CreateExtPriceComp

Here is the high level in and out parameters for the API

IN → Module_id, price_comp_code, price_comp_desc, product_code, price_comp_type (I-INTEREST/C-CHARGE/F-FEE/M-COMMISSION)

OUT → Successfully created price component.

2.3.3.2 External Data Elements

API called to create external data element is as below -

Service - OBRSLCoreService

Operation - CreateExtPriceComp/ ModifyExtPriceComp/QueryExtPriceComp

WSDL - http://<IP_ADDRESS>:<PORT_NO>/FCUBSCoreService/FCUBSCoreService?WSDL

REST - http://<IP_ADDRESS>:<PORT_NO>/EDEService/EDE/CreateEDE

Here is the high level in and out parameters for the API

IN → Module_id, ede_code, ede_desc, ede_data_type (S-STRING/N-NUMBER/D-DATE)

OUT → Successfully created EDE component.

2.3.3.3 External Query Price Service

“CreateQueryPrice” API will be called by external product processors for the respective product components and EDE’s (as name value pair) to get the relationship Price. External PPs send transaction attributes, EDE codes, and

pricing component as input. In Response Charge/Fee/Interest/Commission/Exchange rate/amount is sent as fixed/variance value. This will take in EDEs as an array of name value pair.

Here is the high level in and out parameters for the API

IN → Transaction reference number, price component, customer, account, EDE name value pair, Currency

OUT → RP reference number, benefit type (Variance/Waive), variance type (Fixed/Variable Amount), variance value, pricing currency

WSDL - http://<IP_ADDRESS>:<PORT_NO>/FCUBSCoreService/FCUBSCoreService?WSDL

REST - http://<IP_ADDRESS>:<PORT_NO>/QueryPriceService/QueryPrice/CreateQueryPrice

NOTE: For details of web and rest services refer the Gateway Web Services and Rest API Services User Guide respectively.