

Oracle® Banking Payments

Oracle Banking Payments - Oracle Banking Accounts Integration



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Preface

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

This guide is designed to help acquaint you with the Oracle Banking Payments application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Audience

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

Table User Roles

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

[Documentation Accessibility](#)

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Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1

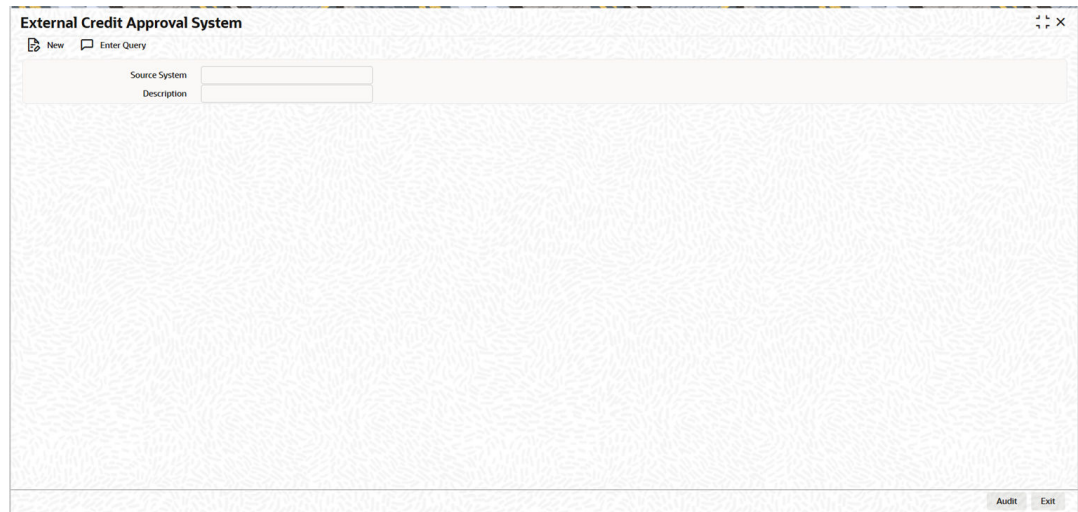
Maintenance to be done in Oracle Banking Payments (OBPM)

- [ECA System Maintenance](#)
- [External Account Validation Maintenance \(PMDINECA\)](#)
- [Accounting System Maintenance](#)
- [Account Maintenance](#)

1.1 ECA System Maintenance

1. Create Source System in the STDECAMT screen for OBA (Oracle Banking Accounts).

Figure 1-1 ECA System Maintenance



2. Map the ECA system 'OBA' in the PMDECAMT screen.
3. Maintain External Credit Approval System in the PMDECAMT screen.

Figure 1-2 External Credit Approval System Detailed

4. Maintain ECA System with system class as OBA Communication Type should be ReST & Communication Method as Synchronous.

Maintain header profile in MSDHPROF & to be mapped.

Maintain service profile in PMDSPROF & to be mapped.

Rest URL should point to OBA where the ECA block will be done or should be routed to the OBRH system.

5. Maintain the Service Profile in the MSDHPROF screen.

Figure 1-3 HTTP Header Parameters

6. Profile Name should be mapped with PMDECAMT Header Profile. Request method is POST.

Header attributes like Content-Type, SERVICE-CONSUMER, SERVICE-CONSUMER-SERVICE, appld, branchCode, entityld & userId values should be mapped based on OBRH System configuration for OBA. Same can be mapped in Service profile.

7. Maintain the Service Profile in PMDSPROF screen.

Figure 1-4 Service Profile

8. Service Type should be 'ReST' and Service Profile ID should be mapped with PMDECAMT.

OBPM build the ECA request with details and post to OBA System via OBRH and call the ECA block process to create ECA block. Once the process is completed, the OBA system posts the response to OBPM.

Following ReST end point used by OBPM to post into OBA for amount block.

```
<host><port>/obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks
```

1.2 External Account Validation Maintenance (PMDINECA)

1. Maintain the External Account Validation system as 'OBA' in the PMDINECA screen.

Figure 1-5 External Credit Approval Interface

2. Maintain External Credit Approval Interface System with system class as OBA, Interface Type as External Account Check & Communication Type as ReST & Method as Synchronous.
3. Maintain service profile in PMDSPROF & to be mapped. Refer to [ECA System Maintenance](#) section.

4. Maintain header profile in MSDHPROF and to be mapped.

Rest URL should contain the URL of OBA where the External Account Validation check is done or the OBRH system.

5. OBPM builds the External Account Validation request with details and posts to the OBA System via OBRH and calls the Account validation service. Once the process is completed, the OBA system posts the response to OBPM.

6. Following ReST endpoint used by OBPM to post into OBA:

<host><port>/obcdda-pp-account-services/service/v1/accountservices/
externalaccountvalidation

1.3 Accounting System Maintenance

1. Maintain the Accounting system as 'OBA' in PMDACCMT.

Figure 1-6 External Accounting System

2. Maintain External Accounting System with system class as OBA, Communication Type as ReST & Method as Synchronous.
3. Maintain header profile in MSDHPROF and to be mapped. Refer to [ECA System Maintenance](#) section.
4. Rest URL should contain the URL of OBA where Accounting will be done or the OBRH system.
5. Following ReST endpoint used by OBPM to post into OBA:
<host><port>/obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/
accountings
6. Maintain Account System Mapping for the Accounting System and Networks (PMDACMAP).
7. Maintain the Account System Mapping in the PMDACMAP screen.

Figure 1-7 Account System Mapping

The screenshot shows the 'Accounting System Mapping' window. At the top, there are fields for 'Host Code' and 'Host Code Description'. Below these is a section titled 'Network Specific Maintenance' which contains a table with columns 'Network Code' and 'External Accounting System Code'. The table is currently empty, displaying 'No data to display.' and a pagination bar showing 'Page 1 (0 of 0 items)'. The window includes standard Oracle UI elements like 'New', 'Enter Query', 'Audit', and 'Exit' buttons.

- 8. OBPM builds the accounting request with details, posts it to the OBA System via OBRH, and calls the internal Account validation service. Once the process is completed, the OBA system posts the response to OBPM.

1.4 Account Maintenance

- 1. Maintain OBA accounts in the STDCRACC screen.

Figure 1-8 External Credit Approval Interface

The screenshot displays the 'External Customer Account Input' form. It is divided into two main columns of input fields. The left column includes fields for 'Host Code', 'Customer Account', 'Customer Number', 'Account Currency', 'Account Name', 'Account IBAN', 'External Credit Approval System', 'Source Account Branch', 'Source Customer Account', and 'Country'. The right column includes 'Account Class' (set to 'Normal Account'), 'Customer Name', four 'Address Line' fields (1-4), a toggle for 'External Credit Approval Required', and two 'Branch Entitlement Group' fields. The form has a clean, professional layout with standard Oracle UI controls like 'New', 'Enter Query', 'Audit', and 'Exit' buttons.

- 2. External Credit Approval System should be mapped with 'OBA' system. Refer to [ECA System Maintenance](#) section.

2

Maintenance to be done in OBRH

- [Service Consumers](#)
This topic describes how to integrate OBPM with the OBRH application, outlining the configuration steps required to enable seamless communication and transaction processing between the two systems.
- [Consumer Service for Amount Block](#)
Enables secure and seamless processing of amount block transactions within the Oracle Banking Application.
- [Consumer Service for Accounting](#)
Enables integration and processing of accounting transactions within the Oracle Banking Application.
- [Consumer Service for Account Validation](#)
Facilitates the verification of account details within the Oracle Banking Application.

2.1 Service Consumers

This topic describes how to integrate OBPM with the OBRH application, outlining the configuration steps required to enable seamless communication and transaction processing between the two systems.

Maintain Service Consumer for OBPM at OBRH Application

To ensure seamless integration between OBPM and the OBRH application, the service consumer for OBPM must be maintained.

This can be done by navigating to the **Service Consumer** screen through the following menu path, Core Maintenance --> Routing Hub --> Service Consumer.

After maintaining the service consumer, it is essential to map the same in the **SERVICE-CONSUMER** field of the Header Profile **MSDHPROF**.

Kindly refer OBRH user guides for detailed information, [Oracle Banking Microservices Architecture Routing Hub Configuration User Guide, Release 14.8.0.0.0](#)

2.2 Consumer Service for Amount Block

Enables secure and seamless processing of amount block transactions within the Oracle Banking Application.

This topic contains the following sub-topics:

- [Maintain Service Provider for Oracle Banking Accounts \(OBA\)](#)
This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).
- [Maintain Consumer Services for Amount Block](#)
This topic explains the steps to maintain Consumer Services for Amount Block.

2.2.1 Maintain Service Provider for Oracle Banking Accounts (OBA)

This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).

1. Create **Implementation** for Amount Block.
2. Specify **Provider Service Name** as OBCDDA-PP-TRANSACTION-BALANCE-SERVICE.
3. Specify Header parameters.

The following parameters can be specified.

- applId: CDDAAPPTBSAPP
 - entityId: DEFAULTENTITY
 - userId: Valid user ID
 - branchCode: Branch Code
4. Maintain the following service endpoint for the amount block operation in the Consumer Service, using the HTTP POST method, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks/.

2.2.2 Maintain Consumer Services for Amount Block

This topic explains the steps to maintain Consumer Services for Amount Block.

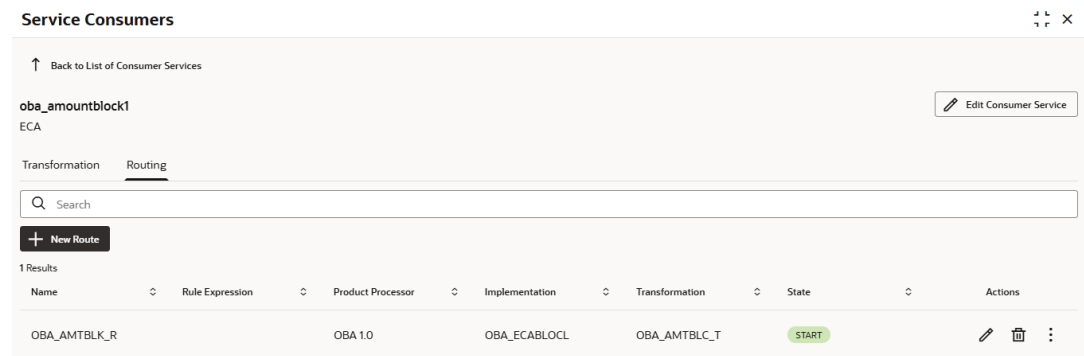
1. Specify Transformation Name, Product Processor created for OBA and implementation.
2. Maintain the following service endpoint for amount block in the Consumer Service, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks/.

Figure 2-1 Service Consumers for Amount Block_Transformation

The screenshot shows the 'Service Consumers' page. At the top, there's a 'Back to List of Consumer Services' link. Below that, the service name 'oba_amountblock1' and 'ECA' are displayed, along with an 'Edit Consumer Service' button. The 'Transformation' tab is selected, showing a search bar and buttons for 'New Transformation' and 'Import Transformation'. A table below shows '1 Results' with columns: Name, Product Processor, Implementation, Service, Status, and Actions. The table contains one row with the following data:

Name	Product Processor	Implementation	Service	Status	Actions
OBA_AMTBLC_T	OBA 1.0	OBA_ECABLOCL	/obcdda-pp-transaction-bal...	ACTIVE	[Edit] [Delete] [More]

3. Specify Routing Name, Product Processor created for OBA and implementation.

Figure 2-2 Service Consumers for Amount Block_Routing

- Map the Consumer Services to the **SERVICE-CONSUMER-SERVICE** field in the **Header Profile (MSDHPROF)** within ECA Maintenance.

Kindly refer OBRH user guides for detailed information for configuration.

2.3 Consumer Service for Accounting

Enables integration and processing of accounting transactions within the Oracle Banking Application.

This topic contains the following sub-topics:

- [Maintain Service Provider for Oracle Banking Accounts \(OBA\)](#)
This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).
- [Maintain Consumer Services for Accounting](#)
This topic explains the steps to maintain Consumer Services for Accounting.

2.3.1 Maintain Service Provider for Oracle Banking Accounts (OBA)

This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).

- Create **Implementation** for Accounting.
- Specify **Provider Service Name** as OBCDDA-PP-TRANSACTION-BALANCE-SERVICE.
- Specify Header parameters.

The following parameters can be specified.

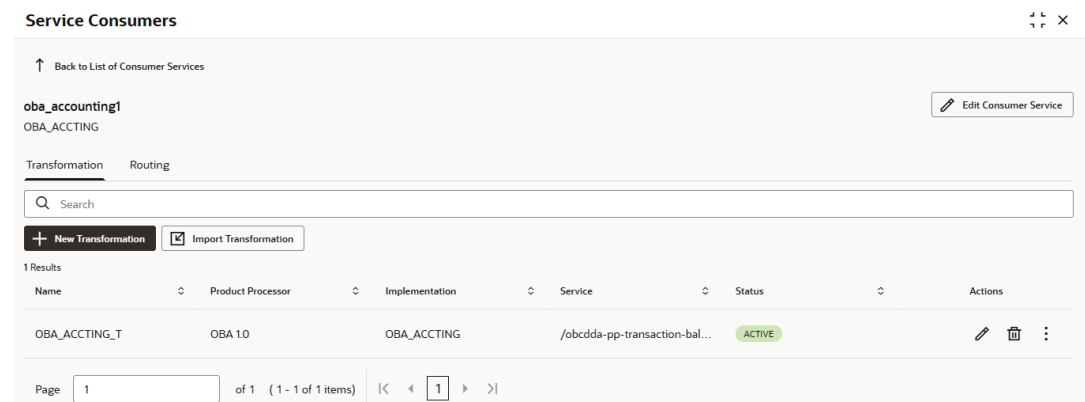
- applId: CDDAAPPTBSAPP
 - entityId: DEFAULTENTITY
 - userId: Valid User ID
 - branchCode: Branch Code
- Maintain the following service endpoint for accounting in the Consumer Service, using the HTTP POST method, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/accountings.

2.3.2 Maintain Consumer Services for Accounting

This topic explains the steps to maintain Consumer Services for Accounting.

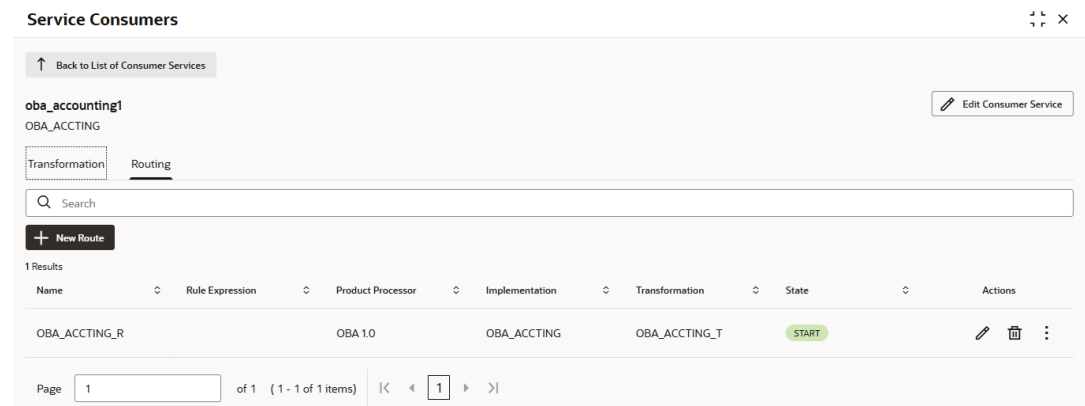
1. Specify Transformation Name, Product Processor created for OBA and implementation.
2. Maintain the following service endpoint for accounting in the Consumer Service, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/accountings.

Figure 2-3 Service Consumers for Accounting_Transformation



3. Specify Routing Name, Product Processor created for OBA and implementation.

Figure 2-4 Service Consumers for Accounting_Routing



4. Map the Consumer Services to the **SERVICE-CONSUMER-SERVICE** field in the **Header Profile (MSDHPROF)** of Accounting Maintenance.

Kindly refer OBRH user guides for detailed information for configuration.

2.4 Consumer Service for Account Validation

Facilitates the verification of account details within the Oracle Banking Application.

This topic contains the following sub-topics:

- [Maintain Service Provider for Oracle Banking Accounts \(OBA\)](#)
This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).
- [Maintain Consumer Services for Account Validation](#)
This topic explains the steps to maintain Consumer Services for Account Validation.

2.4.1 Maintain Service Provider for Oracle Banking Accounts (OBA)

This topic explains the steps to maintain Service Provider for Oracle Banking Accounts (OBA).

1. Create **Implementation** for Account Validation.
2. Specify **Provider Service Name** as OBRACC-PP-ACCOUNT-SERVICES for Retail Accounts and OBCDDA-PP-ACCOUNT-SERVICES for Corporate Accounts.
3. Specify Header parameters.

The following parameters can be specified.

- applId: OBRACC-PP-ACCOUNT-SERVICES for Retail Accounts and OBCDDA-PP-ACCOUNT-SERVICES for Corporate Accounts
 - entityId: DEFAULTENTITY
 - userId: Valid user ID
 - branchCode: Branch Code
4. Maintain the following service endpoints for account validation in the Consumer Service, using the HTTP POST method, /obcdda-pp-account-services/service/v1/accountservices/externalaccountvalidation for Corporate Accounts and /obracc-pp-account-services/service/v1/accountservices/validate for Retail Accounts.
 5. Maintain Consumer Services for Account Validation.
 6. Specify Transformation Name, Product Processor created for OBA and implementation.
 7. Maintain the following service endpoint for amount blocks in the Consumer Service, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks/.
 8. Specify Routing Name, Product Processor created for OBA and implementation.
 9. Map the Consumer Services to the **SERVICE-CONSUMER-SERVICE** field in the **Header Profile (MSDHPROF)** with service profile of External System Interface Maintenance.

Kindly refer OBRH user guides for detailed information for configuration.

2.4.2 Maintain Consumer Services for Account Validation

This topic explains the steps to maintain Consumer Services for Account Validation.

1. Specify Transformation Name, Product Processor created for OBA and implementation.
2. Maintain the following service endpoint for amount blocks in the Consumer Service, /obcdda-pp-transaction-balance-service/ob/oba/tbs/v1/transactions/amountBlocks/.

Figure 2-5 Service Consumers for Account Validation_Transformation

↑ Back to List of Consumer Services

eac_obaf

eac_obra

Edit Consumer Service

Transformation Routing

Q Search

+ New Transformation

☒ Import Transformation

1 Results

Name	Product Processor	Implementation	Service	Status	Actions
OBA_EAC_OBRA_T	OBA 1.0	OBA_EAC_OBRA	/obracc-pp-account-service...	ACTIVE	<div><div></div><div></div><div></div></div>

3. Specify Routing Name, Product Processor created for OBA and implementation.

Figure 2-6 Service Consumers for Account Validation_Routing

Service Consumers

↑ Back to List of Consumer Services

eac_obaf

eac_obra

Edit Consumer Service

Transformation Routing

Q Search

+ New Route

1 Results

Name	Rule Expression	Product Processor	Implementation	Transformation	State	Actions
EAC_OBRA_R		OBA 1.0	OBA_EAC_OBRA	OBA_EAC_OBRA_T	START	<div><div></div><div></div><div></div></div>

Page 1 of 1 (1 - 1 of 1 items) |< < 1 > >|

4. Map the Consumer Services to the **SERVICE-CONSUMER-SERVICE** field in the **Header Profile (MSDHPROF)** with service profile of External System Interface Maintenance.
- Kindly refer OBRH user guides for detailed information for configuration.

Glossary

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