

Oracle® Banking Payments

OBA-OBPM Integration Setup Guide



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1. Preface

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Purpose

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

Audience

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

Table 1-1 User Roles

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

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>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Critical Patches

Oracle advises customers to get all their security 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 make sure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

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.

2. Maintenance to be done in Oracle Banking Payments (OBPM)

2.1 ECA System Maintenance

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

Figure 2-1-1 External Credit Approval System



External Credit Approval System

New Enter Query

Source System

Description

Audit Exit

Map the ECA system 'OBA' in the PMDECAMT screen.

Figure 2-1-2 External Credit Approval System Detailed

Maintain External Credit Approval System in the PMDECAMT screen.

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.

Figure 2-2-3 HTTP Header Parameters

Maintain the Service Profile in the MSDHPROF screen.

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, entityId & userId values should be mapped based on OBRH System configuration for OBA. Same can be mapped in Service profile.

Figure 2-2-4 Service profile

Maintain the Service Profile in PMDSPROF screen.

The screenshot shows the 'Service Profile Detail' form in the PMDSPROF screen. The form has a title bar with 'Service Profile Detail' and standard window controls. Below the title bar is a menu bar with icons for New, Copy, Close, Unlock, Print, and Enter Query. The main area contains a list of fields for service profile configuration:

- Service Profile ID *
- Service Type *
- User Name *
- Password
- Service Source Code
- Application ID
- Retry Count
- Retry Interval
- Connection Time Out(In Seconds)
- Read Time Out(In Seconds)
- Header Profile

At the bottom right of the form, there are 'Audit' and 'Exit' buttons.

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
```


2.2 External Account Validation Maintenance - PMDINECA

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

Figure 2-2-1 External Credit Approval Interface

External Credit Approval Interface Detailed

New Copy Close Unlock Print Enter Query

External Credit Approval System *

Description

Interface Type

Communication Type

Communication Method

Timeout in seconds

JMS Queue Preferences

Outqueue JNDI Name

Service Profile

Other Preferences

System Class

API Version

O Auth Preferences

Token URL

Service Profile

WebService Preferences

WebService URL

WebService Action

Service Profile

ReST Preferences

ReST URL

Service Profile

Audit Ex

Maintain External Credit Approval Interface System with system class as OBA, Interface Type as External Account Check & Communication Type as ReST & Method as Synchronous.

Maintain service profile in PMDSPROF & to be mapped. Please refer to section 2.1.

Maintain header profile in MSDHPROF and to be mapped.

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

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.

Following ReST endpoint used by OBPM to post into OBA:

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

2.3 Accounting System Maintenance

Figure 2-3-1 External Accounting System

Maintain the Accounting system as 'OBA' in PMDACCMT.

Maintain External Accounting System with system class as OBA, Communication Type as ReST & Method as Synchronous.

Maintain header profile in MSDHPROF and to be mapped. Please refer to section 2.1. Rest URL should contain the URL of OBA where Accounting will be done or the OBRH system.

Following ReST endpoint used by OBPM to post into OBA

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

Maintain Account System Mapping for the Accounting System and Networks (PMDACMAP).

Figure 2-3-2 Account System Mapping

Maintain the Account System Mapping in the PMDACMAP screen.

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.

2.4 Account Maintenance

Maintain OBA accounts in the STDCRACC screen. External Credit Approval System should be mapped with 'OBA' system Refer to section 2.1.

Figure 2-4-1 Account System Mapping