

Integration Touchpoints
Oracle Banking Payments
[September 2024]



Table of Content

Core Banking /DDA services consumed by Oracle Banking Payments	3
Oracle Banking Payments services consumed by Core Banking/DDA	5
Oracle Banking Payments Web services for payments origination	6
Oracle Banking Payments Rest services for payments origination	7

Oracle Banking Payments Integration Touchpoints

This document gives the details of integration touchpoints for Oracle Banking Payments integration.

Core Banking /DDA services consumed by Oracle Banking Payments

These are services that the Core Banking/DDA will need to provide to Oracle Banking Payments.

Services Consumed by OBPM	
Servicing Module	Service Description
DDA	Request & Response for Balance Block & Account Validations
Accounting	Request & Response for Accounting Handoff
Notification Updates	Update Status of Payment on the Payment initiation Product processor

If the integration is with Oracle FLEXCUBE Universal Banking (FCUBS), the below listed services are consumed by Oracle Banking Payments:

Service Consumed	Service Description
FCUBSCAService	For debit entries to real accounts- Customer/Account validation + Balance check
FCUBSAccService	For credit entries to real accounts - Customer/Account validation
FCUBSIFService	Accounting handoff

If the integration is with Oracle Banking Virtual Account Management (OBVAM), the below listed services are consumed by Oracle Banking Payments:

Service Consumed	Service Description
OBVAMECA-Services ⑦ ECABLOCK	For debit entries to Virtual accounts- Account Validation + Balance check Link is <a href="http://<server:port>/apigateway/obvam-eca-services/ecablock">http:// <server:port>/apigateway/obvam-eca-services/ecablock
OBVAM-TransactionJournal Services ⑦ ECA	For credit entries to Virtual accounts Virtual Account validation Link is <a href="http://<server:port>/apigateway/obvam-transactionjournal-services/eac">http:// <server:port>/ apigateway/obvam-transactionjournal-services/eac
OBVAM-TransactionJournal Services ⑦ TXNS	For posting accounting entries to Virtual accounts Link is <a href="http://<server:port>/apigateway/obvamtransaction-journalservices/services/txns">http://<server:port>/apigateway/obvamtransaction-journalservices/services/txns

If the integration is with Oracle FLEXCUBE Core Banking (FC Core) / Oracle FLEXCUBE Universal Banking India, the below listed services are consumed by Oracle Banking Payments:

Service Consumed	Service Type	Service Description
externalSystemAccounting	REST	For posting accounting entries to Current / Savings Accounts
FCUBSIFService ⑦ ExtSysAccounting	SOAP	For posting accounting entries to Nostro / General Ledgers
creditAccountValidation	REST	For validating credit account for Incoming NEFT transactions

reverseFailedOrReturnOutgoingPayment	REST	For notifying FC Core for incoming NEFT Return / RTGS Return for FC Core initiated transactions
--------------------------------------	------	---

If the integration is with Oracle Banking Trade Finance (OBTF), the below listed services are consumed by Oracle Banking Payments:

Service Consumed	Service Type	Service Description
OBTFEPSservice -> QueryEXTBCCContract	SOAP	For incoming credits to Trade contracts - Contract Validation
OBTFEPSservice -> CreateExtBCEcaEntries	SOAP	For incoming credits to Trade contracts - Contract Liquidation

Oracle Banking Payments services consumed by Core Banking/DDA

These are services on Oracle Banking Payments which needs to be used by Core Banking/DDA to push Static Data required by Oracle Banking Payments.

Service	Service Description
Currency FX Rates	Interface Upload for Exchange Rates
External Customer Data	Service for upload of External Customer Data
External Customer Account Data	Service for upload of External Customer Account Data
External Contract Data	Service for upload of External Contract information for such Contracts in Loans, Trade modules that expect to receive Payments
Transaction Code Static Data	Service for upload of Transaction Code Data

GL Static Data	Service for upload of GL Code Data
----------------	------------------------------------

Oracle Banking Payments Web services for payments origination

These are services on Oracle Banking Payments which may be used by any Product Processor to initiate Payments Processing. Example – FCUBS-Treasury or a FC-Core TD module to initiate a Payment.

Services available on OBPM for Payment Initiation by a Product Processor.		
Service	Service Description	Service Name
Single Payment Service	Common Service for initiation of any kind of Payment – Local Clearing, SWIFT, RTCS, Book Transfers, US Fedwire, India NEFT, India RTGS etc.	PMSinglePayOutService
Collection Origination Service	Service for initiation of an Outbound Collection for Loan Re-payment purposes	PMDDOutService
MT940/950 Entry Uploads	Service to load the MT940/950 details to enable Cover Match or Claims Settlement	StatementBrowserService
Cross Border Inbound Transaction Service	Service for booking Cross Border Inbound transactions to generate MT 210 – Receive Notice	PMXborderInService
IMPS Transaction Booking Service	Service for booking India IMPS Outbound transactions	PMImpsOutgoing

Oracle Banking Payments Rest services for payments origination

These are services on Oracle Banking Payments which may be used by any Product Processor to initiate Payments Processing. Example – FCUBS-Treasury or a FC-Core TD module to initiate a Payment.

Services available on OBPM for Payment Initiation by a Product Processor.		Service Name
Service	Service Description	
Single Payment Service	Common Service for initiation of any kind of Payment – Local Clearing, SWIFT, Book Transfers, etc.	postSinglePayOut
Collection Origination Service	Service for initiation of an Outbound Collection for Loan Re-payment purposes	postDDOut

Due to the swagger change, the Context Path of Oracle Banking Payments Rest URL is changed as: /PMReST/obpmrest/payments

Note: Swagger Documentations of Oracle Banking payments Rest API can be accessed using the context path /PMReST/apidoc/index.html.

Oracle Banking Payments

Integration Touchpoints

[September] [2024]

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000 Fax:

+91 22 6718 3001 www.oracle.com/financialservices/

Copyright © [2017], [2024], Oracle and/or its affiliates. All rights reserved.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate failsafe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

This software or hardware and documentation may provide access to or information on content, products and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services.