

Oracle Banking APIs

Release Notes

Release 18.1.0.0.0

Part No. E94092-01

April 2018

ORACLE®

Oracle Banking APIs Release Notes

April 2018

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 © 2018, 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.

Contents

Preface	4
Audience	4
Documentation Accessibility	4
Access to Oracle Support	4
Related Documents	4
1. Theme of The Release	Error! Bookmark not defined.
1.1 Overview	5
2. Highlights	Error! Bookmark not defined.
3. Oracle Banking APIs	Error! Bookmark not defined.
3.1 Oracle Banking APIs – Retail Banking.....	7
3.2 Oracle Banking APIs – Retail Customer Financial Insights	8
3.3 Oracle Banking APIs – Originations for Liability Accounts	8
3.4 Oracle Banking APIs – Originations for Credit Cards	8
3.5 Oracle Banking APIs – Originations for Loans and Mortgages	9
3.6 Oracle Banking APIs – Bulk Payments.....	9
3.7 Oracle Banking APIs – Corporate Banking.....	9
3.8 Oracle Banking APIs – Trade Finance.....	10
4. Qualifications	Error! Bookmark not defined.
5. Known Issues and Limitations	Error! Bookmark not defined.
5.1 Oracle Banking APIs Known Issues	13
5.2 Oracle Banking APIs Limitations.....	13

Preface

The release notes contain the details of the new components that are part of the release and include important known issues as of version 18.1.0.0.0.

Oracle recommends that you review the contents of the release notes before installing or working with the product.

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Access to Oracle Support
- Related Documents

Audience

This release note is intended for all purchasers of Oracle Banking APIs.

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 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.

Related Documents

For more information, see the following documentation:

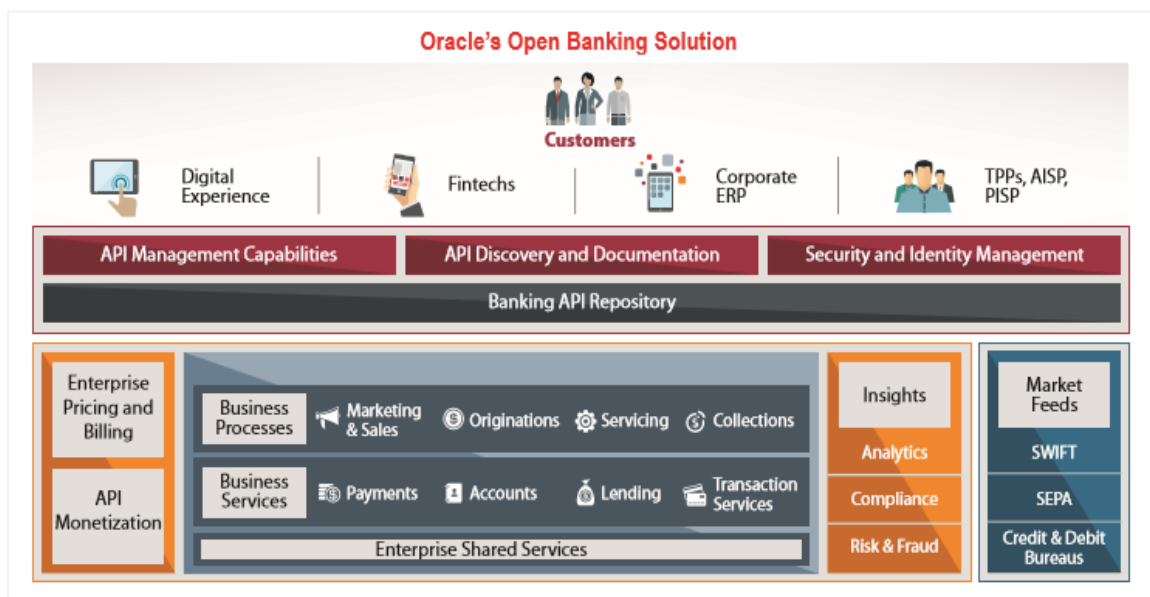
- For installation and configuration information, see the Oracle Banking APIs Installation documents
- For a comprehensive overview of security for Oracle Banking, see the Oracle Banking APIs Security Guide
- For information related to the Oracle Banking APIs product licenses and third party libraries or licenses, see the Oracle Banking APIs Licensing Guide
- For information on the functionality and features of the Oracle Banking APIs product licenses, see the respective Oracle Banking APIs User Manual documents

Theme of The Release

1.1 Overview

Open banking powered by innovative API solutions has given digital players an opportunity to collaborate and provide the best technology solutions that simplify the lives of their customers. Systems operated by key stakeholders like banks, corporates and innovative technology based service providers like Fintechs are wired to each other through APIs. As technology continues to evolve banks have realized that to get a larger piece of the pie they need to get the first mover advantage and open banking is key to achieve this goal.

Oracle solution for Open Banking offers comprehensive pre-built APIs to build connected experiences across the banking value chain. This offers complete API management right from standardization, design, documentation, security to discovery, consumption, monetizing and analysis ensuring smooth and easy digital transformation for banks. The solutions' state-of-the-art analytical application empowers banks to gain high fidelity insight for continuous innovation and business improvement.



Highlights

Oracle Banking APIs is the one solution that integrates with any core banking product processor and is capable of co-existing with APIs already available in the system. It is can also connect with any API gateway, identity management and security solution. Banks can harmonize corporate to bank connectivity with Oracle Banking APIs.

Following are the few highlights:

- **Ready to deploy RESTful APIs**

With the above objective, the Oracle packaged API solution for Open Banking that offers more than 1500 ready to deploy RESTful APIs to build connected experiences across the banking value chain. An API first strategy to development ensures that applications are updated with latest security protocols and compliance with various Open Banking regulations

- **Consent and Entitlement Management**

The solution offers granular entitlement management. Provides a consent management interface for banking customers. It eliminates the need to build security in every application with an API first strategy

- **Smart API Monetization**

The solution enables accelerated API commercialization with features like contextual relationship driven pricing, high fidelity insight on fees and charges, intelligent pricing engines and in-built loyalty reward mechanisms

- **Easy discovery and rich documentation**

The success of any open banking initiative depends on easy discovery and availability of quality API documentation. Oracle Banking APIs provides rich and extensive API documentation on Swagger. This ensures that APIs are built according to industry-defined standards and are ready for outbound discovery

- **Simplified Co-Existence**

Oracle Banking APIs is the one solution that connects the entire Open banking technology landscape within a bank and keeps it ticking. The solution integrates with any core banking product processor and is capable of co-existing with APIs already available in the system. It is can also connect with any API gateway, identity management and security solution. Banks can harmonize corporate to bank connectivity with Oracle Banking APIs.

[Home](#)

Oracle Banking APIs

Oracle Banking API solution offers a platform that accelerates API development with the facility for API mockups and efficient workflow management. Banks can now leverage Oracle's advanced pricing engine and incorporate various API and data monetization models to enhance business revenue.

Oracle Banking APIs is designed to license a large bouquet of APIs. Each bouquet is being defined as a mega set of individual APIs to keep the licensing and consumption easy.

Following are the various bouquets provided as a part of Oracle Banking APIs release.

3.1 Oracle Banking APIs – Retail Banking

Banking Servicing are bunched together. This includes the APIs for following modules.

- **Retail Current and Savings accounts**

Current and Savings accounts are the most basic and critical products of Retail Banking. Most banking customers hold either a current or a savings account with their Banks. Using these APIs, Banks can offer their customers an enriching experience in performing activities on their accounts. The collection includes, viewing account details, requesting for a cheque book, cheque status inquiry, stop/unblock cheque, statement request, debit card related services etc.

- **Retail Loans**

Oracle Banking provides the list of APIs by which Banks can offer their users an enriching online banking experience in servicing their loan accounts held with the Banks. Retail loan module offers the APIs that facilitates customer to view their loan account details, schedules and balances and also the facility to make loan repayments.

- **Retail Term Deposits**

Bank customers opt to invest in term deposits as they are a safe and secure mode of investment and yield higher returns than regular checking or savings accounts.

Oracle provides group of APIs that enables Bank customers to view term deposit details, edit maturity instructions, redeem term deposit, top up, request for the statement etc.

- **Retail Payments**

Payments are mostly made by bank's consumers to retailers or to utility providers and involve the transfer of money from the consumer's account to that of the service provider.

By using the payments related APIs of Oracle, Bank customers can transfer funds between accounts including their own as well as to other accounts held within the same bank or outside the bank either domestically or internationally at their convenience in a simplified manner. Bunch of payment APIs enables the Bank customers to maintain payees and billers, transfer money, set up repeat transfers and bill payments, payments to merchants, peer to peer transfers, view upcoming payments etc.

- **Retail Customer Services**

This bouquet includes the APIs related to basic customer service related features like Customer's first time login services, channel onboarding, user name and password related services, dashboards, security settings, service requests etc.

- **Retail Credit Cards**

Credit cards are widely used by Bank customers to make purchases online or at a point of sale (POS). Oracle Banking APIs enables customers to manage cards effectively and efficiently. Using these bunch of APIs customer can perform a variety of functions such as viewing credit card details and statements, applying for automatic and adhoc payment of credit card dues, initiating service requests such as request for a change in card billing cycle, request for PIN etc. APIs are provided to view the details of an add-on card issued under primary card and perform a variety of functions.

3.2 Oracle Banking APIs – Retail Customer Financial Insights

Retail customer financial insights (PFM - Personal finance management) module enables Bank's customers to take control of their money by providing them with a financial overview of all their holdings with the bank. With the help of the personal finance management tools, the customer is able to plan finances and track expenditure.

Oracle Banking provides APIs to the Bank to facilitate their customer's to take better control of their money by providing tools to set up goals, budgets. Also customers can manage their spends using spend analysis tool.

3.3 Oracle Banking APIs – Originations for Liability Accounts

Originations flow enables the Bank customer to apply for opening an account under various products offered by the Bank. Oracle Banking provides set of APIs to the Bank which facilitates Bank's customers to furnish minimal personal details specific to each product in order to open liability types of accounts with the Bank and submit the application.

APIs are available to support origination for following liability types of accounts

- Savings Account
- Checking Accounts
- Term Deposits

Bunch also includes the services which helps the user to view the application status.

3.4 Oracle Banking APIs – Originations for Credit Cards

Similar to the APIs provided opening liability type of accounts, Oracle Banking also provides set of APIs to the Bank which facilitates Bank's customers to apply for credit cards using products offered by the Bank. APIs for tracking the application is also provided as a part of this bouquet.

3.5 Oracle Banking APIs – Originations for Loans and Mortgages

Oracle Banking also provides the collection of APIs to the Bank which helps the Bank's customers to apply for following types of loans and mortgages accounts

- Unsecured Personal Loans
- Auto Loans
- Pay Day loans
- In Principle Approval
- Mortgages

APIs for tracking the application is also provided as a part of this bunch.

3.6 Oracle Banking APIs – Bulk Payments

File Uploads facilitates processing of multiple transactions through a single file. This is a faster way of processing transactions than entering single screen transactions. Salary payments, fund transfers, vendor payments are few examples of financial transactions that can be supported through file upload.

Oracle Banking provides APIs to the Bank to provide the facilities to their customers for file upload related services which includes few maintenances to enable this feature to specific party/user and customer transactions like uploading and viewing files with financial transactions like payments and non-financial transactions like create payees.

3.7 Oracle Banking APIs – Corporate Banking

In this bouquet, APIs related to the Corporate Banking Servicing are grouped together. This includes the APIs for following modules.

- **Corporate Current and Savings accounts**

Current and Savings accounts are the most basic and critical products of Corporate Banking. Most banking customers hold either a current or a savings account with their Banks. Using these APIs, Banks can offer their customers an enriching experience in performing activities on their accounts. The collection includes, viewing account summary and details, requesting for cheque book, cheque status inquiry, stop/unblock cheque, statement request etc.

- **Corporate Loans**

Oracle Banking provides the list of APIs by which Banks can offer their users an enriching online banking experience in servicing their loan accounts held with the Banks. Corporate loan module offers the APIs that facilitates customer to view their loan accounts overview and details, schedules and balances and also the facility to make loan repayments etc.

- **Corporate Term Deposits**

Bank customers opt to invest in term deposits as they are a safe and secure mode of investment and yield higher returns than regular checking or savings accounts.

Oracle provides group of APIs that enables Bank customers to view term deposit details, edit maturity instructions, redeem term deposit, top up, request for the statement etc.

- **Corporate Payments**

Payments are mostly made by bank's consumers to retailers or to utility providers and involve the transfer of money from the consumer's account to that of the service provider.

By using the payments related APIs of Oracle, Bank customers can transfer funds between accounts including their own as well as to other accounts held within the same bank or outside the bank either domestically or internationally at their convenience in a simplified manner. Bunch of payment APIs enables the Bank customers to maintain payees and billers, transfer money, set up repeat transfers and bill payments, view upcoming payments, other payment inquiries etc.

- **Corporate Customer Services**

This bouquet includes the APIs related to basic customer service related features like Customer's first time login services, user name and password related services, persona based dashboards, security settings, service requests, e-receipts, transaction limits, report generation etc.

- **Corporate Administrator**

In large corporate organizations, there is a need to have user(s) with an administrator role to carry out certain administrative functionalities for the corporate party. Such delegated user with an administrator role will have restricted scope over these administration functionalities and scope will be restricted to manage the corporate to which they belongs to.

By using the payments related APIs of Oracle, Bank can enable corporate administrator for a party who can carry out the functions like user management, account access maintenance, approval maintenance, limit maintenance

3.8 Oracle Banking APIs – Trade Finance

Trade finance is process of financing commerce, i.e. both domestic and international trade based transactions.

To support the corporate banking need to enable the trade finance, Oracle Banking provides bunch of APIs in this bouquet, which permits the Bank's customers to initiate transactions for issuing letter of credit, guarantees and collections. Also the APIs are available using which customers can also view import/export letter of credits and bills, also can view the guarantees, line limits utilization details etc.

[Home](#)

4

Qualifications

This chapter lists the qualification details of Oracle Banking APIs 18.1.0.0.0 release with the Oracle's Core banking systems and with various browsers:

Oracle Banking APIs Modules	Host Core Banking Systems
Oracle Banking APIs Originations Module	Oracle Banking Platform 2.5.0.2.0 Base Version Oracle Banking Platform 2.5.0.2.0 – US Localized Version
Oracle Banking APIs Originations Module : Auto and Pay Day Loan	Oracle Financial Services Leasing and Lending 14.3.0.0.0
Oracle Banking APIs Retail & Corporate Banking	Oracle FLEXCUBE Universal Banking 12.4.0.0.0 ,12.3.0.0.0* and 14.0.0.0.0 Oracle FLEXCUBE Retail Banking 11.7.0.0.0
Oracle Banking APIs Retail & Corporate Payments	Oracle Banking Payments Module 14.0.0.0.0
Oracle Banking APIs Originations Module	Oracle FLEXCUBE Universal Banking 12.4.0.0.0 Oracle FLEXCUBE Universal Banking 14.0.0.0.0

* All the modules of Retail & Corporate servicing except Trade Finance are qualified with FLEXCUBE Universal Banking 12.3.0.0.0

Browser Support:

	Chrome	Firefox	Microsoft Browser	Safari
Android	Supported *	Not Supported	N/A	N/A
iOS	Not Supported	Not Supported	N/A	Supported
Mac OS X	Supported	Supported	N/A	Supported
Windows	Supported	Supported	Supported	Not Supported

* Support on the Android operating system is limited to Chrome for Android

For complete Browser support policy, please refer to below link:

<http://www.oracle.com/technetwork/indexes/products/browser-policy-2859268.html>

[Home](#)

Known Issues and Limitations

This chapter covers the known anomalies and limitations in of Oracle Banking APIs Release 18.1.0.0.

5.1 Oracle Banking APIs Known Issues

There are no known issues

5.2 Oracle Banking APIs Limitations

- Originations is not supported for Multi Entity setup
- Existing customer cannot open or originate a new account via originations flow
- Corporate Administrator cannot onboard users with access to multiple entities

[Home](#)