

# Oracle® Banking Origination

## Release Notes



Release 14.7.2.0.0  
F90754-01  
November 2023

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# Preface

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## Background

Oracle Financial Services Software Limited has developed Oracle Banking Origination to offer seamless flexibility to financial institutions for easy adaptability to market needs and to enable banks to streamline their operations using Task based workflows and improve their overall operational efficiency while onboarding various Banking products across Savings Accounts, Current Accounts, Term Deposit Accounts, Loan Accounts and Credit Cards.

Oracle Banking Origination is the middle office banking solution with a comprehensive coverage of Retail Banking origination processes. It enables Banks to deliver improved user experience for various Bank personas handling defined functions in the lifecycle of the various product originations.

## Purpose

This guide is to help with Integration of Oracle Banking Origination Product with Bureau Integration Service.

## Acronyms and Abbreviations

**Table 1   Abbreviations**

Abbreviation	Description
IPA	In-Principle Approval
UI	User Interface
CAOD	Current Account with Overdraft
CASA	Current Account / Savings Account
DS	Data Segment
GL	General Ledger

**Table 1 (Cont.) Abbreviations**

Abbreviation	Description
<b>NLP</b>	Natural Language Processing
<b>OCR</b>	Optical Character Recognition
<b>OD</b>	Overdraft
<b>FOP</b>	Formatting Objects Processor
<b>SMB</b>	Small and Medium Business
<b>SLA</b>	Service Level Agreement
<b>LTV</b>	Loan to Value Ratio
<b>LMI</b>	Lenders Mortgage Insurance
<b>APY</b>	Annual Percentage Yield
<b>APR</b>	Annual Percentage Rate
<b>OFAC</b>	Office of Foreign Assets Control
<b>OBRH</b>	Oracle Banking Retail Hub
<b>OBRL</b>	Oracle Banking Retail Lending
<b>OBA</b>	Oracle Banking Accounts
<b>CFPM</b>	Credit Facilities Process Management
<b>CCA</b>	Composite Component Architecture

## 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.

## 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
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
<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

## Release Highlights

This topic list the highlights of release enhancements.

The rationale for the product release of Oracle Banking Origination Release 14.7.2.0.0 is to further enhance the origination features of the existing products supported such as Savings Accounts, Current Accounts, Credit Cards, Term Deposits and Loans and help improve the competitiveness of our product in the market.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions and technical qualification to comply with approved Tech Stack.

Customer consent email preference, phone number & fax details capture. OBO has replaced ALTA theme to Redwood theme.

- Ability to integrate with Oracle Banking Accounts to originate Term Deposit for Retail customers (Individuals)
- Ability to integrate with Oracle Banking Accounts to originate Current and Saving accounts for Small and Medium Business customers
- Ability to schedule bullet repayment
- Onboarded Guarantor Details are made available in the Host
- Ability to edit and view the Stake Holder details
- Ability to generate the welcome letter by e-mail
- Enhancements in application document generated by the system
- Ability to send last contact date to Oracle Banking Party
- Ability to search a party with advance parameters
- Enhancements in inquiry and view the application details
- Ability to capture contact details for party
- Ability to select the state based on the State Maintenance configuration in Address Details section.
- A new Account Funding stage introduced in Checking or Saving account opening process.
- Ability to capture Suffix details for a customer
- Ability to capture residential address as a mandatory address
- Support for additional types of Operating Instructions for Individual Accounts
- Link Service Member Details or Insider Details in Relationship tab
- US Localization Enhancements.

# 2

## Release Enhancements

This topic describes on the release enhancements.

The following are enhancements developed in this release:

- [Functional Features](#)  
This topic explains functional features that are enhanced or added in this release.
- [Localization Features](#)  
This topic lists all the features that are developed for localization.
- [Integration](#)  
This topic explains the integration changes of this release.
- [Deprecated Features](#)  
This topic explains the deprecated features of this release.

### 2.1 Functional Features

This topic explains functional features that are enhanced or added in this release.

#### **Ability to integrate with Oracle Banking Accounts to originate Term Deposit for Retail customers (Individuals)**

Oracle Banking Origination is now integrated with Oracle Banking Accounts application. Users will be able to originate Term Deposit Account for Retail Customers. The Term Deposit Account will be created and maintained under the Retail Term Deposit accounts within the Product Processor. This release supports origination of both Simple Term deposit & Reinvestment Term Deposit.

The following configuration and workflows are also available:

- Business product configuration wherein the Oracle Banking Accounts for Retails Term Deposit Host product is mapped
- Interest Components and allowed action
- Maturity Instruction Maintenance
  - Auto Rollover
  - Close on Maturity
- Payouts can be routed via General Ledger Accounts or Customer Accounts
- Renewal of Principal only for simple Term deposit
- Renewal of Principal only / Principal with Interest / Interest only for Reinvestment Term Deposit

#### **Ability to integrate with Oracle Banking Accounts to originate Current and Saving accounts for Small and Medium Business customers**

- Origination for Current Account with or without overdraft for SMB type of Customers is now supported. Origination for Savings Account for SMB is also supported. Accounts is created and stored in Oracle Banking Accounts product processor.



- The origination flow supports both Secured (other than Term Deposit) & Unsecured overdraft limit origination flows.
- All other existing origination workflows for SMB Current Account with or without overdraft is available.

The following configurations and workflows are also available.

- Business Product configuration wherein the Host product mapping is configured
- Interest and Charges details mapping
- Defaulting of Product or Channel preferences from host
- Limit based rates fetched in the Account limit details data segment with the provision to load Margin or Variance

#### **Ability to schedule bullet repayment**

- A new repayment type, **Bullet Repayment**, is introduced in the loans origination workflows within the Repayment Details data segment
- Bullet repayment helps to enable repayment of Interest and Principal in the last installment. The other existing repayment types will remain unchanged.
- If **Bullet** is selected as Repayment type, the first installment date is defaulted to Maturity Date and number of installments is default to 1. The repayment schedule is accordingly generated.
- Moratorium not allowed for bullet type of repayments. If bullet type is selected as Repayment and if Moratorium is allowed at business product, it will be defaulted to Zero (0) at Application Level and this field will be disabled.
- The Bullet Repayment type option is available for Loan Repayment only when OBO is integrated with FLEXCUBE Universal Banking Service (Product processor).

#### **Onboarded Guarantor Details are made available in the Host**

- For Current and Saving type of accounts, a new applicant role as Guarantor is captured and pushed to host. These captured details are stored under the Joint Holder type using party services.
- In case of Loan Accounts, the Guarantor details are pushed to host and are stored under Other Applicant type with Responsibility as Guarantor. The Liability percentage is set as 0 (ZERO) with effective date same as value date of the Loan Account.
- This feature is available for Current and Saving Account only if Overdraft requested.

#### **Ability to edit and view the Stake Holder details**

- View option is now available in the stake holder information data segment.
- Additionally, the user can now amend the entered details of non-customers during the origination of SMB applications

#### **Ability to generate the welcome letter by e-mail**

- Welcome letter is generated for all Liability Product of originations.
- E-mail is sent to the preferred email address of the Primary Customer.
- In case of Minor account holder, the email is sent to the preferred email address of the Guardian or Custodian

- This advice or letter can be viewed under the advices section in the Application Enquiry widget from Dashboard

#### **Enhancements in application document generated by the system**

- In an Advice, all the new fields of Application Form can be viewed.
- As configured in the Business Process Definition screen, the application details appears as an advice for the respective stages.
- The revised Advice is available for all Liability Products.

#### **Ability to send last contact date to Party Module**

In the origination flow of an application for an existing party (parties), a notification will now be sent to the Oracle Banking Party Module to update the Last Contact date. The contact date is available as part of Basic Customer details in the Oracle Banking Party Module.

#### **Ability to search a party advance parameters**

- Party search is enhanced with advance search parameters. Regular search parameters are based on Party ID or CIF ID from Common Core. Advance search parameters are from Oracle Banking Party such as, Name, Mobile number, SSN/National ID/Unique ID, DOB, email ID, and soon on.
- This party search section appears in multiple data segments as mentioned below:
  - Customer Information
  - Relationship
  - Stakeholder
  - Add-on Card Holder

#### **Enhancements in inquiry and view the application details**

- On the Dashboard in the Application Details widget, the user can view,
  - For multiple products – Application Number of all products, Status of each product application, Details of each stage (view mode).
  - For single product- Application Number of product, Status of application, Details of each stage (view mode).
- Advices and Documents details.
- Other application details.
- Application search based on Unique ID of the applicants.
- Details of joint holders, guarantors who are added as part of the application can be viewed.
- All applications associated with the same application number are displayed on the same page with a tabular view (Multi-application origination)

#### **Ability to capture contact details for party**

- As part of origination workflow, in the **Customer Information** data segment, the user captures the contact details for a party apart from the address details.
- This contact details are used for capturing the marketing communication consents in the **Customer Consent and Preferences** data segment.

#### **Ability to select the state based on the State Maintenance configuration in Address Details section**

The State is selected from list using search icon. On clicking search icon, the list of State that are mapped to the particular country appears in pop up window.

### **A new Account Funding stage introduced in Checking or Saving account opening process**

- The new stage Account Funding is introduced in the account opening process for Checking or Saving Account. This stage is configured in Business Process screen under Checking and Saving Product. This stage appears once the checking and saving account creation in the host is successful.
- Funding can be done using the different modes such as, External Account (Finicity), Own Internal Account, Fund Later
- This new stage is auto-launched based on the configuration done in Domain Specific Language (DSL). Once the task is submitted by the user from a stage before account opening and the account is successfully opened, then the **Account Funding** stage is auto-launched.

### **Ability to capture Suffix details for a customer**

- A new optional field **Suffix** is added in Customer details to capture suffix.
- It is applicable for Individual type of Customers and applicable for all the roles.
- It is applicable in below data segments in which party personal information is captured.
  - Nominee Details
  - Add on Cardholder
  - Stakeholder Details
  - Solicitor Details
  - Guardian for minor Nominee
- The values of the Suffix dropdown are configurable in entity codes in Oracle Banking Party.

### **Ability to capture residential address as a mandatory address**

- Current Address flag is introduced for an address type
- One of the Current address can be a Preferred Address and there can be only one preferred address for an address type.
- The mandatory marked address at least one Current Address as residential address (incase the country is US) in Oracle Banking Party.

### **Support for Additional types of Operating Instructions for Individual Accounts**

- All the Operating Instructions, will be maintained in PDS.
- On load of Mandate Detail Data Segment in OBO applications, a call is made to PDS to fetch the relevant Operating Instruction as per the number of applicants in the application.
- The LOV of Operating Instruction displays the values as fetched from PDS.
- In case of one applicant, Tenants by the Entirety (TBE) will be defaulted in the mode of operation dropdown. I
- In case of more than 1 applicants, then all the 3 values [Joint Tenants with Right of Survivorship (JTWROS), Tenants in Common (TIC), Former or Survivor and

Tenants by the Entirety (TBE)] will be displayed in the dropdown for mode of operation.

#### **Link Service Member Details or Insider Details in Relationship tab**

- The user can be able to link Service Member Details party onboarded through Oracle Banking Party as a related party in Service Member tab of relationship data segment in Oracle Banking Origination during application origination.
- The user can be able to link Insider party onboarded through Oracle Banking Party as a related party in Insider tab of relationship data segment in Oracle Banking Origination during application origination.

## 2.2 Localization Features

This topic lists all the features that are developed for localization.

#### **Ability to perform Debit Check on Deposit Accounts**

- The Debit Check configuration is set while configuring the product in the Create Business Product screen
- The decision of the Debit Check Decision can be Approved/Declined/Referred.
- In case of Declined, the application is auto terminated, and the Decline Letter is triggered.
- In case of Approved, the application is auto approved and moves to the next step of origination work flow.
- In case of Referred, the bank user can either approve or reject the application manually.

#### **Current Account to be displayed as Checking Account**

At all the places in the Origination flow for current account, the current account is labelled as Checking account and displayed.

#### **Ability to capture of beneficiary type in beneficiary details**

- Nominee Details data segment is named as Beneficiary Details for US localization as part of regionalization.
- A new flag **Payable on Death/Transferable on Death** is added as **Beneficiary Type** in the Beneficiary Details Data Segment for Savings Account, Current Accounts and Term Deposits.
- If this new flag is selected then it is mandatory to add one beneficiary details.

#### **Ability to perform Debit Check on the added Guardian or Custodian**

- In the account opening origination work flow, if the primary applicant is minor then one or more guardian or custodians can be added. The Debit Check process is triggered for all the guardians or custodians added in the application except the primary applicant who is minor.
- The bureau data of all the guardians or custodians is displayed in the **Bureau Information** data segment.
- The account opening decision is based on the bureau decision of all the guardian or custodians in the applications.

#### **Finicity Integration**

- Finicity integration enables Oracle Banking Origination to get the account details of the customer held with other banks.

- Customer will access the Finicity portal and login with credentials of other bank, select the desired account.
- Finicity returns the Account Details to Oracle Banking Origination.
- Oracle Banking Origination can use the information to initiate Direct Debit transaction for funding the newly opened Checking or Savings account.

#### Tax validation data fields

- For Non – resident Alien,
  - In the **Customer Information** data segment, **W8 BEN** is defaulted as **Form Type**, in the **Tax Declaration** section and will not be editable.
  - The **Valid From** date of the Form W8-BEN must be the party onboarding date for existing parties or **Application Date** for new parties. It should be editable and can be edited to future date or past date but not beyond the party creation date.
  - The **Valid Till** date is auto calculated and displayed. It will not be editable.
  - The **Foreign Tax ID** is captured in the **ID Details** section. This field is non mandatory.
  - The **Country of Residence** is mandatory to capture if the **Resident** status is Non-Resident Alien.
- For Citizen or Resident Alien,
  - The **Country of Residence** field in the **Customer Information** data segment is to US.
  - In the **Customer Information** data segment, the **Form Type** field in the **Tax Declaration** section is defaulted to **W9 Standard** and will not be editable.
  - The **Valid From** date of the Form W9 must be the party onboarding date for existing parties or **Application Date** for new parties. It should be editable and can be edited to future date or past date but not beyond the party creation date.
  - The **Form W9** has no end date so the **Valid Till Date** in the **Tax Details** section is not applicable.

#### ID Type auto formatting

- An auto validation & formatting feature is now available on the National ID field in the Customer Information data segment where SSN (US) or National ID details are captured.
- The auto formatting of SSN number is introduced, as the SSN format necessitates the breakup of 9 digits using hyphen (xxx-xx-xxxx).
- This validation is only for SSN. There is no validation for National ID. All other existing validations of SSN will continue.

#### Ability to capture military address as address type

- Military address is captured as one of the existing address type.
- The **Value for City** field is captured as Army Post Office (APO) or Fleet Post Office (FPO) or Diplomatic Post Office (DPO).
- The **Value for State** field is captured as Armed Forces Americas (AA) or Armed Forces Europe (AE) or Armed Forces Pacific (AP).

### Frame work Changes

- Entity - User is enable to login with either US localization or Default credentials.
- Customer Information data segment – Some of the basic details fields not pertinent to US geography have been hidden.
- Address details - Additional Information section is not applicable for US localization login
- Zip Code – Field size limited to 5 characters.
- Product Details data segment - Product currency value is defaulted USD so will not appear as UI field.
- Interest Details data segment - APY calculated and based on product rate is rendered on landing of this data segment screen.
- Account Preference data segment - Cheque book flag value to be defaulted from business product details.
- Banking channel preferences section is not displayed for US Region.
- Account related information section is not displayed the Passbook option.
- Beneficiary - Address Details - Additional Information section is not applicable for US login.
- Customer Information data segment - SSN Field replaced with National ID for US region with SSN specific validation. 9 digit and the number not starting with 8 or 9 is existing. The format validation existing currently to input SSN as xxx-xx-xxxx.
- Customer Information data segment - Addition of Suffix field with US specific dropdown values.
- Address details - Country is defaulted to US while adding an address.
- Customer Information data segment - Tax Declaration panel - Should be shown and only for US Region.
- Logic to auto populate Form Type, Valid from, Valid till in Tax declaration panel based on selection of Citizenship Status - Resident Alien / Non Resident Alien / Citizen.
- Product Details - Overdraft Requested - This option should only come if the OD flag is on at the product level. This field should be hidden if OD requested at product level is unchecked.
- Financial Details data segment - Employment Date Range for Salaried employees to be optional for US region.
- Beneficiary Details Data segment - Add Nominee Button - Renamed to Beneficiary Details data segments, Add Beneficiary for US Region.
- Account Funding Detail data segment - Cheque Date , Cheque Number hidden for US Region , Account Balance will have USD as default currency and hidden.
- Current account displayed as Checking account throughout the origination flow.

## 2.3 Integration

This topic explains the integration changes of this release.

Following integration changes for 14.7.2.0.0 release:

- OBO – OBREP Integration – Term Deposit

- Get Product details – TD Product mapping service
- Fetch Interest Components & Rates service
- TD Account create service
- TD Maturity Instruction Maintenance
- TD Funding – Single step process
- OBO – OBA (RDDA) Integration – Small and Medium Business Current Accounts
  - Get Product details – SMB Current Account mapping service
  - Interest Components & Rates service mapping
  - Charges mapping
  - Current Account & Current Account with Overdraft – Account create service
  - Defaulting product preferences

## 2.4 Deprecated Features

This topic explains the deprecated features of this release.

There are no deprecated features for this release.

# 3

## Components of the Software

This topic explains the change in software components.

- [Documents Accompanying the Software](#)  
This topic lists the documents that accompany the software.
- [Software Components](#)  
This topic lists the software components which are applicable in this release.

### 3.1 Documents Accompanying the Software

This topic lists the documents that accompany the software.

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit
- User and Installation manuals

### 3.2 Software Components

This topic lists the software components which are applicable in this release.

Software Components of Oracle Banking Origination that forms part of this release are as follows:

- Service and API Components
- UI Components
- Database objects which include tables, sequences and seed data
- Configuration files used for deployment



## 4

# Environment Details

This topic lists the technical compatibility details of this release.

## Tech Stack – Oracle Banking Origination

**Table 4-1 Tech Stack – Oracle Banking Liquidity Management**

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Origination	Single Instance Standalone	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch 32077936**
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 11.0.16
		Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
		Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
				Apache ZooKeeper (Embedded with Kafka)	3.6.3

**\*\* Patch 32077936:** JSF APPLICATION RESPONSE ISSUE FOR HTTPS PROTOCOL WHEN HTTP2 IS ENABLED, needs to be applied to Weblogic version 14.1.1.0.0.

### Client Machines#

For detailed information on Browser Support, please refer to the Oracle Software Web Browser Support Policy at : <https://www.oracle.com/middleware/technologies/browser-policy.html>



#### Note:

# Browser support is no longer based on Operating Systems but strictly tied to the browser themselves, no matter on which Operating Systems they are installed. Current release is certified on client workstations with Windows 10 and Mac OS.

# 5

## Third-Party Software

This topic describes about the license information for third-party software.

For information on the third-party software, refer the **Oracle Banking Origination License Guide** of this release.

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