Oracle® Banking Origination
Release Notes

Release 14.8.0.0.0
G28886-03
April 2025

ORACLE

Oracle Banking Origination Release Notes, Release 14.8.0.0.0

G28886-03

Contents

Preface

- [Background](#)
- [Purpose](#)
- [Acronyms and Abbreviations](#)
- [Documentation Accessibility](#)
- [Critical Patches](#)
- [Diversity and Inclusion](#)
- [Conventions](#)

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, Credit Card Accounts and Loan Accounts.

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

The purpose of this Release Notes is to propagate the enhancements of the current release in the Oracle® Banking Origination.

Acronyms and Abbreviations

Table 1   Acronyms and Abbreviations

Abbreviation	Description
APR	Annual Percentage Rate
APY	Annual Percentage Yield
BNPL	Buy Now Pay Later
CCA	Composite Component Architecture
CASA	Current Account / Savings Account

Table 1   (Cont.) Acronyms and Abbreviations

Abbreviation	Description
CAOD	Current Account with Overdraft
CFPM	Credit Facilities Process Management
DS	Data Segment
EPI	Equated Periodic Instalment
FIDM	Financial Institution Data Match
FOP	Formatting Objects Processor
GL	General Ledger
IOI	Interest Only Instalment
IPA	In-Principle Approval
IRA	Individual Retirement Account
LMI	Lenders Mortgage Insurance
LTV	Loan to Value Ratio
NLP	Natural Language Processing
OBA	Oracle Banking Accounts
OBRLS	Oracle Banking Retail Lending Services
OBRH	Oracle Banking Retail Hub
OCR	Optical Character Recognition
OD	Overdraft
OFAC	Office of Foreign Assets Control
SLA	Service Level Agreement
SMB	Small and Medium Business
UI	User Interface
UDE	User-Defined Elements

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 ensure 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 or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	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 section lists the highlights of release enhancements.

The rationale for the product release of Oracle Banking Origination Release 14.8.0.0.0 is to further enhance the origination features of the existing products supported such as Savings Accounts, Current Accounts, 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.

1. Product bundling

    • Bundle creation and origination.

2. Buy now pay later (BNPL).

3. Relationship pricing.

4. Enhancements in loan origination

    • Insta personal loans.

    • Loan simulation, quick assessment, and quick account opening.

    • Simplified process is introduced for personal loan accounts.

    • Loan origination with fixed and floating rates.

    • User-Defined repayment schedule.

    • Support for moratorium - EPI and IOI - EPI repayment stages

    • External refinance feature.

    • Ability to schedule bullet repayment.

    • Loan disbursement related enhancement - ACH as a disbursement mode and split disbursement.

    • Loan repayment related enhancement - ACH as repayment mode.

    • Adverse action notice with reject reason.

    • IPA offer letters – viewing enabled in self-service channel.

    • Display for APR details in repayment schedule or repayment details data segment as provided by the product processor.

    • Capturing of ownership details for all type of collateral available.

    • Link service member details and insider details in relationship tab..

    • Account level consent for joint loan applications.

    • Ability to capture the account level address for loan accounts.

    • Offer letter rejection reasons.

5. Party related enhancements

- Financial details - static details enhancements.
- Ability to perform an early KYC.
- Ability to search a party with advance parameters.
- Ability to search the unique ID and display the column name based on the localization.
- Enhancement of applicant data.
- Enhancement in search filter for customer category.
- Ability to add multiple addresses for an address type.
- Ability to mandatorily capture one preferred ID type.
- Ability to capture, edit and view the stake holder details
- Address search and auto population of address details based on selection.
- Ability to capture contact details for party.
- Ability to select the state based on the state maintenance configuration in address details section.
- Ability to capture suffix details for a customer.
- Ability to capture the service member details for all the applicant roles.
- Ability to handle frequency and multi-currency while capturing financial details of applicants.

6. Enhancements in current account, savings account, and term deposit

- A new account funding stage introduced in checking or saving account opening process.
- Ability to capture the account level address for current and saving accounts.
- Simplified process is introduced for current and savings accounts.
- Simplified process is introduced for term deposit accounts.
- Funding and payout instructions for term deposit accounts.
- Support for selection of interest payout frequency at account level for term deposits.
- Generate welcome letter for current account, savings account and term deposit products.

7. Enhancements related to customer consents

- Ability to capture the customer consent and preferences for each applicant in a joint account.
- Customer consent email preference, phone number & fax details capture.
- Ability to capture terms and conditions for a product.
- Ability to validate that all the terms and conditions have been accepted before proceeding with account opening.
- Fetching of consent & preference details for existing customer details - when onboarded from OBO and reused as existing customer for a new product origination.
- Dynamic display of questionnaire.
- Consolidation of terms and conditions & consent and preferences data segment.

8. Other enhancements

- Rejection advice generation for all product originations.

- Interest rate details, along with margin breakdown.

- Account opening in a different branch other than the logged-in branch.

- Addon card holder details now has the details of preferred ID details and uploading of supporting document feature.

- Fetching of existing customer details ID details when onboarded from oracle banking origination and reused as existing customer for a product new origination.

- Ability to generate the welcome letter by e-mail.

- Enhancements in application document generated by the system.

- Enhancements in inquiry and view the application details.

- Identification of an account as a staff account.

- Application tracker enhancements.

- Auto termination of incomplete applications.

9. Documents generation related enhancement

   - New configuration and setup to generate advices based on pre-defined events.

   - Ability to maintain the outbound document templates, events and rules.

   - Ability to generate, dispatch and accept the outbound document for current account, savings account and term deposits and loans applications.

   - Notices & disclosures for loans, current account, savings account and term deposit.

10. Configuration related enhancements

    - Flexibility in business process configuration.

    - Ability to configure or define the applicability of solicitor and conditions & covenants for each of the lending products.

    - Configuration of allowed parties (applicant role) in the preferences section of business products.

    - Origination preference configuration – bank level configuration moved from properties table to a maintainable UI workflow.

    - Customer contribution applicability for personal loans is based on configuration.

    - Ability to maintain questionnaire to render consent response.

    - Ability to define add or modify or delete state codes which are mapped to a country.

    - State code related enhancement.

    - Ability to capture the option to fund the account post account opening.

    - Product origination allowed based on customer category or customer type.

11. Regional frame-work requirements

    - Implementation of dynamic changeover of UI screens which are user enabled based on the entities (default or US) for rendering of UI elements based on region specific flows.

Features for US Region

1. IRA business product configuration and account origination.

2. Ability to do debit assessment for checking and savings account origination for individual party types.

3. Service member related enhancement.

4. Insider functionality related enhancement.

5. Enhancement of tax status for applicants.

6. Financial Institution Data Match (FIDM) data retrieval for existing parties.

7. External account fund transfer using Oracle Banking Payments integration.

8. Nomenclature changes to call current account as checking account.

9. Nomenclature changes to call term deposit as certificate of deposit.

10. Regulation Z related enhancement.

11. Ability to capture marital status.

12. Ability to capture of beneficiary type in beneficiary details.

13. Ability to perform debit check on the added guardian or custodian.

14. ID type auto formatting.

15. Ability to capture military address as address type.

16. Tax validations.

17. Ability to capture co-signer role for lending products.

18. Ability to perform an early know your customer for minor customer.

19. Document generation and document acceptance for checking account, savings account and certificate of deposit.

20. Support for additional types of operating instructions for individual accounts.

21. Guardian consent for minor account.

22. Ability to capture guardian relationship type with the minor and a preferred flag for guardian.

23. Ability to capture residential address as a mandatory address.

24. Ability to calculate majority date for minor customers based on configured rule.

2

Release Enhancements

This topic describes on the release enhancements.

The following are enhancements developed in this release:

- Functional Features
  This section explains functional features that are enhanced or added in this release.

- Features for US Region
  This section lists all the features that are developed for US Region.

- Platform and Non-Functional Changes
  This topic explains the platform and non-functional change of this release.

- Integration
  This topic explains the integration changes of this release.

- Deprecated Features
  This topic explains the deprecated features of this release.

Functional Features

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

1. **Product Bundling**

   - **Bundle creation and origination**

     – Ability to originate a product bundle comprising of multiple products in a single application.

     – Ability to call the host system for getting the bundle details and display in the application.

     – Ability to apply the bundle benefits to the application and pass the bundle benefits to the host system

2. **Buy now pay later**

   - Buy Now Pay Later (BNPL) functionality enables online platforms and merchants to initiate and fulfill BNPL loan applications.

   - Oracle Banking Origination exposes APIs for loan eligibility, interest rate calculation, and installment scheduling, with seamless integration.

   - The feature includes risk-based pricingand quick account opening, ensuring a streamlined process for small-ticket loans.

3. **Relationship pricing**

   - Ability to call lending/deposits host system for Relationship Pricing Benefit margin for loan and deposit applications

   - Ability to pass the Product Interest Rate which can include Product Margin, Bundle Margin, Risk based Margin, Relationship Benefit Margin, and the repayment schedule to Oracle Banking Digital Experience.

   - Extending Relationship Benefit functionality for assisted channel applications

4. **Enhancements in Loan Origination**

- **Insta personal loan**
  Oracle Banking Origination (OBO) now supports a quick account opening process in origination workflow. This workflow is available for initiating an account opening process for unsecured personal loan. This product is introduced as insta personal loan.

  Insta personal loans can be originated in the self-service channels as well as assisted channels. The following combinations are allowed:

  – OBDX Initiated - New and Existing Customer – (For New Customer KYC compliance is handled STP)

  – Branch Initiated - Existing Customer – (KYC compliance already available)

  The workflow is designed with the minimum stops before the account creation request is sent to the host. It is mandatory to capture details in the Application Initiation and Application Entry stage in full application mode.

  The following data segments are introduced in the Application Entry stage to enable the STP of the loan origination flow:

  – Interest Details

  – Charge Details

  – Disbursement Details

  – Repayment Details

  – Qualitative Score Card

  The Loan Assessment and Offer Issue stages occurs automatically. In the origination flow, if the loan assessment stage is approved then offer is issued to a customer and the Offer Accept / Reject stage is triggered. In this stage the customer response is captured as Accept or Reject. The system proceeds based on the captured response.

  – If the response is Accept, then the system approves the loan account creation and the final payload is pushed to the host for account creation.

  – If the response is Reject, then the application is terminated, and a rejection advice is sent to the customer.

  In case of exception are also handled where the manual assessment recommendation is provided by the Decision Service. Based on the response captured in the Manual Credit Decision stage, the subsequent approval or rejection workflows are inline as explained above.

- **Loan simulation, quick assessment and quick account opening**

  – Introduction of a new Loan Simulation feature, enabling bankers to Simulate repayment schedules, interest details, and borrowing power for prospective loan applicants without starting a full application.

  – Bankers can save simulations as inquiries, retrieve them later, and access early decision-making capabilities as part of Quick Assessment after Loan Simulation.

  – Loan Simulation, Quick Assessment and Quick Account Opening features are available for loans which are offered for Individual type of customers and includes configurable options for pricing, borrowing power, and credit decision.

  – Quick Account Opening feature is an extension of Loan Simulation and Quick Assessment. Bank can use this feature for small ticket unsecured loans.

- **Simplified process is introduced for personal loan accounts**

- The simplified account opening process is introduced for Personal Loan Account products. This process is applicable only if the Simplified Application flag is selected for the product while configuring in the Business Product Preference data segment of the Business Product Configuration screen.

- In this process, the Initiation and Application Entry stages are combined to enable capturing of all relevant information for account opening.

- Capability to create a direct application with multiple data segments in a single view.

- **Loan origination with fixed and floating rates**

    - Loan origination now supports both fixed and floating interest rates for a single loan account, allowing an initial period with one rate type followed by another.

    - "Fixed Rate Component" and "Floating Rate Component," have been added to Business Product Preference to define rate applicability at different loan stages.

    - The Interest Details data segment dynamically displays only the applicable interest type based on the selected rate type and loan stage.

- **User-defined repayment schedule (UDS)**

    - The User-Defined Schedule (UDS) is introduced as a new Stage Type in loan origination, allowing users to create custom repayment schedules based on their financial needs

    - This feature is available for both Retail and SMB loans. UDS provides flexibility in defining installment amounts and repayment frequencies.

- **Support for Moratorium - EPI and IOI - EPI Repayment Stages**

    - Users can configure MOR-EPI, IOI-EPI, and MOR-IOI-EPI repayment stages in Loan Origination.

    - The system validates stage sequence as per business product preferences.

    - Users can view & generate repayment schedules based on these configurations

- **External Refinance feature**
  External refinance details are captured in the origination flow. Based on the business requirement, the user can enable the external finance required flag in the business product configuration screen. This flag is available only for loan product types.

  In the product details or loan details data segments of account opening workflow, the external refinance toggle is introduced to capture external refinance details. The external refinance details section appears if the toggle is selected. In this section user can capture other bank loan details which is proposed for external refinance.

  The added collateral in the loan account opening application can be earmarked to the refinance. The settlement of the disbursement amount is included in the GL account or an external account. The details are available in the external refinance summary as part of the loan disbursement details.

- **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 oracle banking origination is integrated with FLEXCUBE Universal Banking Service (product processor).

- **Loan disbursement related enhancement - ACH as a disbursement mode and split disbursement**

  – The new option the Automated Clearing House (ACH) is introduced in the disbursement mode list of the loan disbursement data segment.

  – Ability to split the disbursement between different modes in case of single disbursement schedule is supported

- **Loan repayment related enhancement - ACH as repayment mode**

  – The new option the Automated Clearing House (ACH) is introduced in the repayment mode list of the loan repayment data segment.

  – In the business product configuration screen, new fields are introduced to set the repayment schedule such as,

    * Stage

    * Supported Term Units

    * Max Term <Term Unit>.

    * Default Term <Term Unit>

    * Repayment Frequency

    * Default Frequency

- **Adverse action notice with reject reason**

  – Ability to capture and assign adverse action reasons for loan applications, both in auto-rejection and manual-rejection scenarios.

  – A new multi-select dropdown field allows users to select one or more predefined reasons (e.g., "Low credit score" or "inaccurate details") during the assessment, manual assessment, or manual decision stages.

  – Upon submission, an adverse action notice is automatically generated and sent to the customer. The notice will have the selected rejection reasons. This enhancement ensures compliance and improves transparency in credit application rejections.

- **IPA Offer letters – viewing enabled in self-service channel.**
  In the service channel, as an in principle approval feature to view the IPA letter or advice is enabled in OBDX. The Loan applicant can view the in principle approval advice if the IPA request has been successfully approved by the bank.

- **Display for APR details in repayment schedule or repayment details data segment as provided by the product processor.**
  Ability to display the Annual Percentage Rate (APR) for Loans in the Repayment Details Data segment or Repayment schedule. The calculation of APR is done taking into consideration the Interest, Charges, Fees and other costs by the Host system. This gives the borrower the accurate figure of the total cost of the loan.

- **Capturing of ownership details for all type of collateral available.**
  Ability to capture the ownership details for all types of collateral supported in Oracle Banking Origination (OBO). If the joint applicant provides the collateral support, then

the ownership details and the percentage of ownership are captured. These values are stored and pushed to downstream.

The Collateral Summary details appears in the Collateral Perfection Details data segment of the Account Approval Stage. This collateral summary appears only for Property type of collateral.

- **Link service member details and insider details in relationship tab**

  – The user can link the service member details as related party under the service member tab of the relationship data segment in oracle banking origination.

  – The user can link the Insider details as related party under the Insider tab of the Relationship data segment in oracle banking origination.

- **Account level consent for joint loan applications**
  Additional questionnaire for recording the consent of the Joint Loan applicant also is now available at the Loan account level - Terms and Conditions data segment.

- **Ability to capture the account level address for loan accounts**

  – The Account Address Preferences section is introduced to select the account address from the drop down list in the Loans Details data segment of the Application Entry stage.
  The account address appears in the drop down list in the below format:

    <First Name>, <Applicant Role>, <Address Type (Current Address with or without preferred flag)>, <Address>.

  – All the addresses captured for all the applicants involved in the application are listed in the drop down list.

  – The selected address is stamped as an account address and is sent to the host system.

- **Offer letter rejection reasons**

  – In the application rejection flow, a multi-select picklist for capturing rejection reason is introduced. List of reasons are configured via Reason Code Maintenance.

  – This feature ensures better tracking and communication of rejection reasons.

  – When an offer is rejected for Loans and CASA with OD products, users can select one or multiple predefined reasons (e.g., "Interest rate too high" or "Received a better offer").

  – The selected reasons are included in the Offer Letter Rejection Advice sent to the customer.

5. **Party related enhancements**

- **Financial details - basic static enhancements**
  Ability to capture the basic details of the applicants based on the employment type is enabled in the Financial Details data segment. The organizational details with in the Employment Details sections are introduced to capture them as basic details. Below sections are introduced to capture the employment details:

  – Salaried

  – Self – Employment / Professionals

  Based on the configuration in the Business Product Preferences data segment of the Business Product Configuration screen, the financial and employment details are enabled for deposit product such as Saving, Current and Term Deposit.

- **Ability to perform an early know your customer**

- The Early KYC toggle is introduced in the common configuration section of the Business Product Preference data segment in the Business Product Configuration screen.

- If the Early KYC toggle is selected while configuration then the KYC call is trigger to Oracle Banking Party Services once the applicant data is captured.

- Once the KYC status for all the applicants in the application are Compliant, the user can continue and proceed to the next data segment.

- If the KYC status of any applicant is non-compliant or yet to verify KYC status then the user can go to the KYC amend screen of Oracle Banking Party Services and mark the status as compliant. The user is allowed to manually update the status even if the KYC type is configured as Automatic. Once the status is complied, party service sends the updated status to Oracle Banking Origination and user can proceed with the account opening flow.

- **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

- **Ability to search the unique ID and display the column name based on the localization**

  - Unique ID should be displayed in the search party screen under search results table. The value displayed should be preferred unique ID value captured for the party in Party Module.

  - In the Advance Search section the field label should appear as based on the localization configuration such as,

    * The field appears as Unique ID and National ID for other region.

    * The field appears as Unique ID and SSN for US region.

  - The search result table also displays the column name as per localization.

    * The column name appears as National ID for other region.

    * The column name appears as SSN for US region.

  - The search parameter is applicable for both Preferred and Non Preferred while searching the Unique ID field in the ID Details within party records for all ID details.

  - In the Applicant and Relationship data segments while searching party, the system should limit the search within the customers records of party module.

  - In Stakeholder Details data segment both customer as well as non-customer records are allowed to fetch in party search results.

- **Enhancement of applicant data**

  - Ability to capture new field for Salutation for applicants.

  - Ability to capture different contact sub-type for mobile and email.

- – Ability to capture employer address.

- – Ability to capture time zone for the different channels for Mobile, SMS, Whatsapp in marketing communication section.

- **Enhancement in search filter for customer category**

  - – Ability to fetch only Individual and Small and Medium Business type customer from Party for Account Onboarding.

- **Ability to add multiple addresses for an address type**

  - – The user can configure multiple address capture for an address types in the Address Stability Applicable Products section in the Origination Preferences screen.

  - – The user can configure the number of years for which multiple addresses are captured.

  - – The Address From Date and Address To Date is mandatory for all address types for which stability configuration is maintained for the previous addresses.

  - – The Current Address flag is mandatory for the address type for which stability configuration is maintained.

  - – The Address To Date is not applicable when the Current Address flag is selected.

- **Ability to mandatorily capture one preferred ID type**
  Ability to capture one of the ID details as Preferred. This field is mandatory is the ID Status is selected as Available, as it is mandatory to provide one of the ID details as Available. Preferred flag is not allowed for more than one ID details, if the ID Status for more than one is selected as Available.

- **Ability to capture, 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

- **Address search and auto population of address details**
  Capability to integrate with external address search engines like Oracle address or any other third-party vendor. The Address search feature has been plugged in the address section of the Customer information Details data segment.

  The user will have the option to search with any given string in this address search field, and the suggested addresses are displayed for the user to select. Once selected, all the details will be propagated in the respective address fields which are maintained in the UI. The user will also have a choice of editing the same, or even capturing a completely new address.

- **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.

- **Ability to capture suffix details for a customer**

  - – A new optional field Suffix is added in Customer details to capture suffix.

ORACLE

- 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 Card Holder

  * 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 the service member details for all the roles**

  In the Relationship data segment of retail loan application, the user can capture service member for all the applicants involved in the application. The separate sections appears with the names and roles of the applicant. User can expand the section and capture the service member details for respective the applicant.

- **Ability to handle frequency and multi-currency while capturing financial details of applicants**

  - The Financial Details data segment is revamped for better user experience to capture Income, Liability, Asset and Expenses as required.

  - Income, Liability, Asset and Expenses can be captured in any supported currency and the same is converted to the account currency.

  - Income and Liability can be captured for any frequency and the same is converted to monthly frequency.

6. **Enhancements in current account, savings account, and term deposit**

- **A new account funding stage introduced in current 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 the account level address for current account and saving accounts**

  - The Account Address Preferences section is introduced to capture the account address from the drop down list.

  - The account address appears in the drop down list in the below format:
    <First Name>, <Applicant Role>, <Address Type (Current Address with or without preferred flag)>, <Address>.

  - All the addresses captured for all the applicants involved in the application are list in the drop down list.

– The selected address is stamped as account address and sent to the host system.

- **Simplified Process is introduced for current account and Savings Accounts**

  – The simplified account opening process is introduced for Current and Saving Account products. This process is applicable only if the Simplified Application flag is selected for the product while configuring in the Business Product Configuration screen.

  – In this process, the Initiation and Application Entry stages are combined for submitting the account opening application.

  – Capability to create direct application with multiple data segments in a single view. The free task is created in case it is saved to proceed later.

  – The Documents and Clarification section are revamped for better and intuitive user experience. The functionality remains unchanged.

- **Simplified Process is introduced for term deposit accounts**

  – The simplified account opening process is introduced for Term Deposit products. This process is applicable only if the Simplified Application flag is selected for the product while configuring in the Business Product Preferences data segment of the Business Product Configuration screen.

  – Multiple stages are combined which enables a quick and easy account opening

  – In this process, the Initiation and Application Entry stages are combined to enable capturing of all relevant information for account opening.

- **Funding and payout instructions for term deposit accounts**
  The Funding and Payout Instruction data segments are introduced for the user to initiate the funding amount and to set payout instruction of the maturity amount of the Term Deposit account.

  In the Payout Instruction data segment, the maturity instruction options as mentioned below are introduced to set the maturity instructions for the term deposit account.

  – Renew Principal and Interest

  – Special Amount Renewal

  – Renew Principal and Redeem Interest

  – Redeem Principal and Interest

- **Support for selection of interest payout frequency at account level for term deposits**

  – Ability to configure different Interest payout frequency for a Term Deposit business product.

  – For each of the Deposit products, bank can configure one or multiple allowed payout frequency from Weekly, Monthly, Quarterly, Half-Yearly, and Yearly.

  – If bank wants to restrict to only one payout frequency, that can be achieved by configuring only one allowed frequency for that product. If multiple allowed payout frequency is configured, during origination one of them can be selected from an LOV based on customer needs.

- **Generate welcome letter for current account, savings, account and term deposit products**
  Ability to generate and dispatch the welcome letter of account creation. This welcome letter is applicable for Current Account, Saving Account and Term Deposit products.

7. **Enhancements related to customer consents**

- **Ability to capture the customer consent and preferences for each applicant in a joint account**
  For Joint Account Originations the Consent & Preferences are displayed for all the applicants, respectively. The workflow has the ability to capture and store the consent and preferences of each applicant in a joint account origination.

- **Customer consent email preference, phone number & fax details capture**
  Ability to capture explicit permission or consent from customers before sending them marketing or transactional communications via various delivery modes.

- **Ability to capture terms and conditions for a product**
  Ability to capture the terms and condition questionnaire in the Term and Condition data segment for all the products. This questionnaire is configured in the Questionnaire Maintenance screen. In the origination workflow this data segment is validated before opening an account. It is mandatory to capture and accept term and conditions for all the products.

  Account related data like nominee details, activity profile, consents, Terms and Conditions, is passed to Oracle banking Routing Hub to enable the product processors to consume the related data.

- **Ability to validate that all the terms and conditions have been accepted before proceeding with account opening**
  Ability to validate that the customer has explicitly agreed or accepted the terms & conditions before allowing further processing and completion of the account origination.

- **Fetching of consent & preference details for existing customer details - when onboarded from Oracle Banking Origination and reused as existing customer for a new product origination**
  Ability to reuse the existing consent & preferences given by existing customer for their new origination requests.

- **Dynamic display of questionnaire**
  The Questionnaire ID is maintained in the Questionnaire Maintenance screen. In order to fetch questionnaire ID in the account opening workflow, OBO initiates a call to Decision Service for questionnaire set and the set appears on the below data segments:

  – Customer Consent and Preferences – The question header appears as the section header.

  – Product Details or Account Details – The question header appears as the section header in the Activity Profile section.

  – Term and Conditions.

- **Consolidation of terms and conditions and consent and preferences data segments**

  – In both data segment, Term and Conditions and Consent and Preferences, the UI appearances are enhanced for better view. The details appears based on the applicant view.

    * The first section inside the applicant panel is the Consent across the products. It displays all the terms and conditions maintained in the questionnaire for all products.

    * The second section show the product wise terms and conditions.

    * For the terms and conditions, a hyperlink of the document maintained in questionnaire is provided on the consent text.

       *   The third section is the Preferences and Consent. It displays all the consents details such as E-Sign, Marketing Communications, and Privacy Information. The consents in this section are the party level consents that are stored in the Oracle Banking Party Services

    –   For minor, the custodian or guardian name is displayed.

8. **Other enhancements**

   - **Rejection advice generation for all product originations**
     Ability to generate the rejection advice for all the product originations. The rejection advice is generated once the application is rejected and same is communicated to customer through email. The rejection advice is generated based on the below conditions and are handled as part of the process configuration.

     –   If the customer response is Reject.

     –   If the Manual Credit Decision stage response is Reject

     This advice is applicable for all Liability and Asset product of origination.

   - **Interest rate details, along with margin breakdown**
     Different margins (for e.g., Product Margin, Risk-Based Pricing Margin, Discretionary Margin, Bundle Margin and Relationship Pricing Margin) can be displayed and sent separately to host system

     The Interest Details data segment now shows all applicable margin/variance components when users click on Margin or Variance.

   - **Account opening in a different dranch other than logged-in branch**

     –   Users can open accounts in a branch other than their logged-in branch, provided they have the necessary access permissions for the selected branch, and the logged-in branch supports the respective product.

     –   The system ensures that the task flow of the logged-in branch is maintained while processing the account in the selected branch.

   - **Addon card holder details now has the details of preferred ID details and uploading of supporting document feature**

     –   Ability to capture Addon Card holder details with the Preferred ID and other Supporting documents for Credit Card product is introduced. This is applicable for new as well existing customers.

   - **Fetching of existing customer details – ID details when onboarded from oracle banking origination and reused as existing customer for a product new origination.**
     Once the new customer is onboarded the customer information such as ID details, Consent & Preferences are stored. If the same customer is selected in the account opening application, then ability to fetch that stored customer information and auto populate the data in the relevant fields is supported.

     The party module exposes the services to OBO, which populates the previously captured customer data like Insider, PEP, ID Details, Service Member Details, Supporting Documents, Consents and Preferences, Relationships like Related to Insider, Service Members, Consent & Preference details during the new account origination.

   - **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.

- **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)

- **Identification of an account as staff account**
  For accounts where the primary applicant is marked for Staff in the Applicants data segment then the Staff Benefits Applicable flag is by default selected in the Account Details data segment. The user can edit the flag and the updated value is sent to the host system.

- **The application tracker enhancements**

  - The Application Tracker screen is revamped for better and intuitive user experience. This includes enhanced view for applicants and product details, intuitive indicators, improved slider and realignment of fields

  - Ability to view the status of Party Module or Credit Facility Process Management (CFPM) tasks initiated for Oracle Banking Origination application is introduced.

  - The Customer 360 and Account 360 quick links for seamless access to servicing screens are provided.

  - Ability to perform below actions on the stages for quick access from the Application Tracker screens instead of Free Task or My task.

    * Acquire and Edit

    * Acquire

    * Edit

  - The Customer Clarification history section is enhanced.

- **Auto termination of incomplete applications**

Auto termination of the application if the applicant does not respond to the notice. System will terminate the application based on the configuration of 'Incomplete Application Expiry Period (in days)' parameter at Origination Preferences

9. **Documents generation related enhancement**

- **New configuration and setup to generate advices based on pre-defined events**

  – The maintenance of the documents to generate and dispatch it using the set delivery mode in the Loan Origination workflow.

  – The maintenance of the documents provides the flexibility for a bank to configure the mapping of pre-defined events and map the advice to generate and send same to the configurable list of recipients such as Primary, Joint, Guarantor.

  – The maintenance feature allows the user to configure templates and conditionally trigger them based on specified rules, enabling the required documents to be sent to the intended recipients.

- **Ability to maintain the outbound document templates, events and rules**

  – The new document templates for sending Notices and Disclosures are introduced in Personal Loan process. The documents such as Offer Letter, Counteroffer Letter, Application Form and so on.

  – The Events to Document Templates to a specific list of recipients and Mode of Delivery are maintained at configuration level.

  – The list of new facts and new rule conditions to generate the documents are introduced.

- **Ability to generate, dispatch and accept the outbound document for current account, savings account, term deposits and loans applications**

  – The new stage Application Documents is introduced for generating, dispatching and accepting the outbound documents based on the configuration for loans product. The Document Generation, Document Acceptance and Review are the data segments configured for this stage.

  – The documents in the data segments appear as maintained in the Advice Maintenance screen setup. The bank can configure the documents for the Document Generation event.

  – The documents linked to a Document Generation event gets generated and dispatched as per the configurable and a specified mode of delivery such as Email, Post, Print and e-sign (Remote and In person).

  – The documents which are configured as Yes for Signature Acceptance Required appears in the Document Acceptance data segment. The banker must ensure that the signed documents from recipients are uploaded in this data segment.

- **Notices & disclosures for loans, current account, savings account and term deposit**

  – New list of Advice added for Loans, Current Account, Savings Account, and Term Deposit process.

  – The advice can be configured as part of Advice Generation framework based on pre-defined list of events along with a condition (configured as a rule) if applicable. For Example, Offer Letter advice is sent as part of Offer Issue event.

10. **Configuration related enhancements**

- **Flexibility in business process configuration**

- Ability to Copy Business Process, allowing bankers to duplicate existing business processes, including stages, data segments, documents, and checklists.

- For factory-shipped processes, only the Business Product code can be modified, while other details remain non-editable.

- For non-factory shipped processes using the copy functionality, users can add, modify, delete, or reorder stages before saving the new process.

- This enhancement streamlines process customization while maintaining control over factory-shipped configurations.

- **Ability to configure or define the applicability of solicitor and conditions & covenants for each of the lending products**
  The Solicitor and Conditions &Covenants are applicable for lending product based on the configurations. In the Business Product Configuration screen, the Solicitor Applicable and Condition& Covenant Applicable toggles are introduced in the Business Product Preferences data segment.

  Based on the configurations, the Solicitor Details and Conditions & Covenants Details appears to capture in the More tab. This More tab appears on the header as common action. User can also capture the pre-disbursement and post disbursement conditions in the Condition & Covenant section.

- **Configuration of allowed parties (applicant role) in the preferences section of Business Products**
  The Allowed Applicants Roles field is introduced to configure applicant roles that are allowed for the specific product in the Business Product Preferences data segment of Business Product screen for all products.

  The available options are:

  - Primary

  - Joint

  - Guarantor

  The customer role appears in the account opening workflow in the Customer Information data segment if you add customer. This customer role is displayed wherever the applicant details section appears.

- **Origination Preference configuration – Bank level configuration moved from properties table to a maintainable UI workflow**
  Origination Preference Maintenance screen helps configure following parameters:

  - Generic Parameters like widget maintenance, Early KYC for minor, Minor age, Application expiry, Account Funding options, De-Dupe, address stability period, Quick assessment, enablement.

  - Offer related Parameters like validity and expiry

  - Integration Parameters like OCR, Collateral System integration, Address search, AI assistance with Questionnaire, DocuSign enablement.

- **Customer contribution applicability for personal loans is based on configuration**

  - A parameter added at business product level to configure if customer contribution is applicable for certain personal loans.

  - If the customer contribution is set as applicable then the user can input the value in the Applied Loan Amount and the Customer Contribution fields. Based on this inputs the value of the Requested Loan Amount is auto calculated and appears in the fields as read only in the Product Details or Loan Details data segment.

- If the customer contribution is set as not applicable then the Applied Loan Amount and Customer Contribution fields are not applicable and will not appear in the Product Details or Loan Details data segment for loan origination. The user can input the Requested Loan Amount value.

- **Ability to maintain questionnaire**
  Ability to render below consents workflows as configured in Questionnaire Maintenance screen:

  - Composite Component Architecture (CCA) for dynamic rendering of questionnaire in Decision Service

  - Rendering of questionnaire as per setup in Decision Service

  - Refresh of questionnaire on every visit in Consent or Product page. If consent is captured, it will display the captured consents.

  - Addition or deletion of questionnaire

- **Ability to define add or modify or delete state codes which are mapped to a country**
  The system provides the capability to define, add, modify, or delete state codes that are mapped to a specific country. This ensures accurate geographical data management and supports applications requiring state-level classification, such as address verification, taxation, and regional policies.

- **State code related enhancement**

  - Ability to have the same state code for two different countries.

  - Ability to search for a state based on a country code.

- **Ability to capture the option to fund the account post account opening**
  The Initial Funding workflow is enhanced to fund the new account after its creation. A new Fund Post Account Opening toggle is introduced in Business Product Preferences data segment of Business Product Maintenance screen to configure this new functionality. This toggle appears on the screen only if the Initial Funding toggle is selected. If only Initial Funding toggle is selected, then the regular workflow continues.

  Based on this configuration the existing Initial Funding fields are not applicable in the Product Details and Account Details data segments in respective Application Initiate and Application Entry stages. In this scenario the Initial Funding stage is handle procedurally while configuring the Business Process.

- **Product origination allowed based on customer category or customer type**
  Ability to configure the allowed Customer Category or Customer Type in Business Product preferences for a given Product Origination. The validation is available for Individual and Small and Medium Business Type of Customers.

11. **Regional frame-work requirements**

- **Implementation of dynamic changeover of UI screens which are user enabled based on the entities (default / US) for rendering of UI elements based on region specific flows.**
  Regionalization configuration helps to implement the dynamic changes on UI screens which user enables based on the entities such as Default or US, for rendering UI elements. On the selection of entity, the UI fields and workflow change based on the region-specific flows configured for the entity

  The following changes are implemented:

  - Entity - User is enabled to login with either US 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 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

–   Banking channel preferences section is not displayed for US Region

–   Account related information section is not displayed the Passbook option

Features for US Region

This section lists all the features that are developed for US Region.

Below features are developed for US region:

1.   **IRA business product configuration and account origination**

   •   Ability to configure IRA Savings business product.

   •   Ability to configure IRA Certificate of Deposit business product.

   •   Ability to originate IRA Savings account for IRA plan types – Traditional and Roth,

   •   Ability to configure IRA Certificate of Deposit account for IRA plan types – Traditional and Roth.

   •   Ability to generate IRA documents and upload the acceptance from the customer.

2.   **Ability to do debit assessment for checking account and savings Account Origination for individual party types**

   •   The system provides the ability to perform debit assessment during the origination process for Checking and Savings accounts for individual customers. This ensures a thorough evaluation of the customer's financial standing before account approval.

   •   This functionality enhances customer onboarding, ensures risk mitigation, and improves decision-making for financial institutions offering checking and savings accounts.

3.   **Service member related enhancement.**

   •   Ability to capture new fields of Service Obligation End date, Rank, Pay Rate and Service Status for the applicant.

   •   Ability to stamp the application for armed forces benefits.

   •   Ability to check if the application will breach MLA rate and stop the application if breached.

   •   Ability to display MAPR at Repayment Schedule generation and assessment

   •   Ability to show the APR and MAPR in the offer letter

4.   **Insider functionality related enhancement**

   •   Ability to capture the relationship type when a party is added as related to insider in the relationship data segment.

5.   **Enhancement of tax status for applicants**

   •   Ability to capture new fields in the **Tax Declaration** section in Applicant data segment during an application.

- – TIN Type

- – TIN Status

- – Tax Identification Number

- – Foreign Tax Identification Number

- – Certification Date

- – Tax Country Code and Province

- – Backup Withholding Code

- • Ability to validate the format of capture of different **Tax Identification Number**.

- • Ability to validate capture of **Tax Identification Number** based on **TIN Status**.

6. **Financial Institution Data Match (FIDM) data retrieval for existing parties**
   In the account opening origination process in Oracle Banking Origination, when an existing party is selected, the FIDM flag and FIDM amount is retrieved from Oracle Banking Party Services. This data is sent to Oracle Banking Accounts, Retail Deposit and Oracle Banking Retail Loans when the account information is sent to product processors. Based on this flag the debit block is applied on the account in the Oracle Banking Accounts.

7. **External account fund transfer using oracle banking payments integration**

   - • The Direct Debit Transfer call is initiated to Oracle Banking Payment to debit funds from External Account Transfer and credit them to the newly opened Current and Saving Account.

   - • On success of fetching the external account details such as Account Number, Account Name and Routing Number, from Finicity, the NACHA direct debit API is called and fund transfer process is initiated.

   - • Once the process is initiated the user can submit the task and end the origination process.

8. **Nomenclature changes to call current Account as checking Account**
   For the Current Account product type, current account will be displayed as checking account at all places in the origination flow.

9. **Nomenclature changes to call term deposit as certificate of deposit**

   - • For the Term Deposit product type, term deposit will be displayed as certificate of deposit at all places in the origination flow.

10. **Regulation Z related enhancement.**

   - • Ability to display Finance Charges, Total number of Payments and Fixed & Variable Rates in Offer Letter, Promissory Note, TILA disclosure and Personal Loan agreement.

11. **Ability to capture marital status**

   - • Below values are introduced to capture the marital status of the applicant:

     - – Widow

     - – Unmarried

     - – Married

     - – Registered Domestic Partnerships

     - – Legally Separated

   - • This field is mandatory for the mortgage loan product.

   - • This marital status values are applicable for Individual customer category.

12. **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.

13. **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.

14. **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.

15. **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).

16. **Tax validations**

    • 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.

17. **Ability to capture co-signer role for lending products.**

   • The co-signer role is introduced for loans. This role is configured while configuring the product in the Business Product Configuration screen.

   • The financial details are also captured for the co-signer in the Financial Details data segment of the Application Entry screen.

   • The lending application can have both guarantors and co-signers. In case multiple applicant are added in the single application, the system validates that the same added applicantsapplicant cannot be addedare not same for different roles.

   • The user can add multiple co-signer in a single lending application.

18. **Ability to perform an early know your customer for minor customer**

   • Early Know Your Customer for minor party.

   • Ability to perform an initial verification of a minor's identity, guardianship details, and background checks before account origination. This helps banks comply with regulatory requirements related to minor accounts.

19. **Document generation and document acceptance for checking account, savings account and certificate of deposit**

   • Addition of Application Documents stage for US Checking Account, Savings Account, and Certificate of Deposit process like Application Form, etc. The new stage consists of Document Generation and Document Acceptance data segments which will generate and dispatch the document to recipients and track the documents that requires signed acceptance.

20. **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 drop down. 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 drop down for mode of operation.

21. **Guardian consent for minor account**
   Capture consent from minor's guardian to obtain personal information of minor. This is applicable for party type individual. The facility is available only for minor party that are calculated based on date of birth captured.

22. **Ability to capture guardian relationship type with the minor and a preferred flag for guardian**

    • Creation and maintenance of party to account relationship as Guardian

    • Creation and maintenance of minor party to account relationship as Guardian with preferred flag for guardian

23. **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.

24. **Ability to calculate majority date for minor customers based on configured rule.**
    Ability to calculate and send the date of majority to party module in case of minor applicant in the account opening application. The date of majority is calculated based on the configure rule and date of birth captured in customer information details.

Platform and Non-Functional Changes

This topic explains the platform and non-functional change of this release.

1. **OBO has replaced ALTA theme to redwood theme.**

    • Redwood Theme Adoption – Oracle's Redwood theme offers a sleek, contemporary design with improved accessibility, responsiveness, and a consistent look across Oracle applications.

    • Oracle Banking Origination has transitioned from the ALTA theme to the Redwood theme, enhancing the user interface (UI) and user experience (UX) with a modern, intuitive, and visually appealing design.

2. **OBO replaces zuul with spring-cloud-gateway, spring oauth version to update Api-gateway.**

    • Oracle Banking Origination has replaced Zuul with Spring Cloud Gateway and upgraded Spring OAuth to enhance the API Gateway functionality, improving performance, security, and scalability.

    • This upgrade makes Oracle Banking Origination's API Gateway more secure, scalable, and efficient, ensuring seamless API management for financial services.

3. **Implemented remote caching solution for static or dynamic data using oracle coherence.**

    • A remote caching solution has been implemented using Oracle Coherence to improve performance and scalability by efficiently storing and retrieving static and dynamic data.

    • This implementation helps boost application performance, ensures high availability, and optimizes resource utilization for Oracle Banking Origination.

Integration

This topic explains the integration changes of this release.

1. **Integrations (Internal)**

- OBDX integration for Small and Medium Business Savings Account and Current Accounts.
  Oracle Banking Origination has an ability to integrate self-service channel for small and medium business type of customer for the Saving and Current Accounts product. The necessary API integration are structured in order to consume them by OBDX.

- Integration with OBA for Current Account and Savings Account -Individuals and Small and Medium Business

  – 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.

- Ability to integrate with OBA product processor.

  – Business Product – OBA host Product mapping validation of Interest and Charges details.

  – Business Product Preference UI refresh to accommodate fetch and display of Banking channel preferences as configured in OBA.

  – The Account approval submit stage will now include Customer Information details required to be stored at Account Level to be push through the transformation layer and consumption by the underlying product processor – OBA.

- Integration with Oracle Banking Accounts for Term Deposits -Individuals.

- Ability to integrate with Oracle Banking Account for Overdraft facility in Term Deposit

  – The feature covers the creation of an Overdraft against a given Term Deposit account in OBA and linking the Term deposit against collateral and lien marking.

  – All active Term Deposit Accounts of the customer in the Oracle Banking Account service are available for the request.

  – Oracle Banking Origination provides the linking to the Oracle Banking Account Term Deposit number in the Linkage Reference and update the Overdraft Amount as the Linked Amount.

  – Post the Overdraft Account creation, the lien marked as Amount Block on Term Deposit Account and is updated in Oracle Banking Accounts.

- Integration with CFPM for Secured Overdrafts in Oracle Banking Accounts

  – The feature covers the collateral data capture and sending of request to Credit Facilities Process Management (CFPM) for onboarding of a collateral.

  – The Collateral ID received from CFPM are sent to Oracle Banking Account for storing the reference in the Customer Overdraft Account.

  – The Liability ID received from CFPM is sent to the transformation layer only. The data is consumed by any underlying product processor based on specific business requirements.

- Integration with Oracle Banking Accounts for Secured Overdrafts.

- Integration with OBPM for External Account Funding.

- Ability to integrate with Oracle Banking Retail Lending Services.

2. **Integrations (External)**

- Ability to Integrate with Credit Bureaus (such as Equifax) for credit score using Bureau Integration Service.

- Ability to integrate with Bureaus (such as Equifax) for Debit Check using Bureau Integration Service

- DocuSign Integration for e-Signature.

- Finicity Integration for Account Validation for the US market.

Deprecated Features

This topic explains the deprecated features of this release.

Parent and Guardian data segment is deprecated.

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.

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

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 Origination

Component	Deployment option	Machine	Operating System	Software	Version Number
Oracle Banking Origination	Single Instance Standalone	Application Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle WebLogic Server	14.1.2.0.0
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 17.0.12
				Oracle Coherence	14.1.2.0.0
				Conductor	3.15.0
		Database Server	Oracle Linux Server 8.7 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.26.0.0.0
		Message Broker	Oracle Linux Server 8.7 (x86 64 Bit)	Apache Kafka	2.13-3.8.0
				Apache ZooKeeper (Embedded with Kafka)	

> **Note:**
>
> Oracle Applications are developed and tested on Oracle Linux, which is optimized for performance, stability, and security.

> **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.

> **Note:**
>
> 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**

Table 4-2   UI Stack

Software Type	Recommended Software	Version Number
UI	Oracle JET	v17.0.4

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.