Oracle® Banking Platform

Release Notes

Release 2.9.0.0.0

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Oracle Banking Platform Release Notes, Release 2.9.0.0.0

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Contents

Preface

The release notes contain the details of the new features that are part of the Release 2.9.0.0.0.

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

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Related Documents
- Conventions

Audience

This release note is intended for the users of Oracle Banking Platform.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/us/corporate/accessibility/index.html.

Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For information, visit http://www.oracle.com/us/corporate/accessibility/support/index.html#info or visit http://www.oracle.com/us/corporate/accessibility/support/index.html#trs if you are hearing impaired.

Related Documents

For more information, see the following documentation:

- For installation and configuration information, see the Oracle Banking Platform Localization Installation Guide - Silent Installation guide.
- For a comprehensive overview of security, see the Oracle Banking Platform Security Guide.
- For features, functionality, and options available for Oracle Banking and the licenses required to use them, see the Oracle Banking Licensing Guide.
- For information related to setting up a bank or a branch, and other operational and administrative functions, see the Oracle Banking Platform Administrator Guide.
- For information related to customization and extension of Oracle Banking, see the Oracle Banking Platform Extensibility Guides for Host, SOA, and UI.
- For information on the functionality and features of the Oracle Banking product licenses, see the respective Functional Overview documents.
- For information on the technical aspects, setups, and configurations of Oracle Banking Collections and Oracle Banking Recovery, see the respective Collections and Recovery technical guides.

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.

The following acronyms are used in this document:

Acronym	Meaning
API	Application Programming Interface
BPM	Business Process Management
CASA	Current Accounts and Savings Accounts
CCI	Consumer Credit Insurance
CDC	Certified Development Company
EFS	Early and Final Settlement
EIR	Effective Interest Rate
GL	General Ledger
IPA	In Principle Approval
JAF	Joint And First
JAO	Joint And Other
LMI	Lenders Mortgage Insurance
LOC	Line of Credit
MAD	Minimum Amount Due
MOF	Multi Option Facility
NPA	Non Performing Assets
OBP	Oracle Banking Platform
OCH	Oracle Customer Hub
PII	Personally Identifiable Information
PMI	Post Maturity Installment

Acronym	Meaning
SBA	Small Business Administration
SME	Small and Medium Enterprise
SSN	Social Security Number
TD	Term Deposit

1 What's New

This chapter provides the details of the new features and enhancements in Oracle Banking Platform Release 2.9.0.0.0.

1.1 Oracle Banking Base

This section describes the key enhancements of Oracle Banking Base that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.1.1 Common Services

This section describes the key enhancements in Common Services.

1.1.1.1 Data Privacy and Security

Following is the key feature introduced in Data Privacy and Security:

- Ability to configure data privacy and security configurations field wise (applicability and masking technique) and user wise (masked data is shown for some users and plain text for other users) for the individual customers of the bank through the new Data Security Configuration (Fast Path: CS50) page. The configurations include:
    - Masking in user interface
    - Tokenization in database (SSN only)
    - Masking in data portability (for a predetermined list of Personally Identifiable Information (PII) fields)

1.1.2 Enterprise Product Manufacturing

This section describes the key enhancements in Enterprise Product Manufacturing.

1.1.2.1 Define Product Type

Following are the key enhancements in Define Product Type:

- The existing product type Credit Card is renamed as Personal Credit Card.
- The following new product types have been introduced to support SME lending and third party products:
    - Business Credit Card
    - Equipment Finance Lease

1.1.2.2 Define Product Group

Following are the key enhancements in Define Product Group:

- The existing product type Credit Card is renamed as Personal Credit Card.

- The following new product types have been introduced to support SME lending and third party products:

  - Business Credit Card

  - Equipment Finance Lease

- Ability to configure Maximum Permissible LVR Percentage at product group level. This will be validated in both Origination and Servicing. In case of a breach, the appropriate reports and messages are provided to the banker.

1.1.2.3 Dashboard

Following are the key enhancements in the Dashboard:

- The existing product type Credit Card is renamed as Personal Credit Card in the Dashboard at Product Group, Product, and Offer level.

- The following new product types have been introduced in the Dashboard at Product Group, Product, and Offer level to support SME lending and third party products:

  - Business Credit Card

  - Equipment Finance Lease

1.1.2.4 Offer Selector

Following are the key enhancements in Offer Selector:

- To enable comparison for the new product types of Business Credit Card and Equipment Finance Lease, related parameters have been introduced.

- The following new facts have been introduced for use in the offer eligibility rules:

  - Primary Purpose Type

  - Concession Group

  - Guarantor

  - Industry Type and Industry Codes

1.1.2.5 Define Loan Product

Following are the key enhancements in Define Loan Product:

- The Bill option is removed for the event OB_Bundle_Subscription – Bundle Subscription in the Fee Treatment Preference section in the Define Loan Product page.

1.1.2.6 Define Loan Offer

Following are the key enhancements in Define Loan Offer:

- Ability to link business rule for government guaranteed loans for validating requested term. This rule validates the requested term with maximum term specified for government guaranteed loans.

- Ability to link business rule to enable the system to default the eligible guarantee percent for loan in collateral section. The guarantee percent is defined based on loan type and requested amount. For

example, if loan offer is Standard 7(a) and the requested loan amount is $100,000, the system checks the guarantee percent matrix maintained as part of rule and defaults the eligible guarantee percent.

- Ability to enable the Offer Type field in the loan offer, if the Government Guarantee Applicable field is selected in the linked credit policy.

- Ability to define fixed interest rate in case of Equipment Finance Lease offer.

- Ability to enable configuration of default term for Fixed Rate option using the new Fixed Rate Default Term parameter.

- Ability to indicate the type of Finance Lease product as Direct Finance or Sale Type.

- Ability to configure rate refresh frequency, based on which, the rate at account level will be refreshed as per the specified frequencies. The various frequencies which can be configured are as follows:

  - Daily

  - Monthly

  - Quarterly

  - Half Yearly

  - Annually

  - Once in 2 Years

  - Once in 3 Years

1.1.2.7 Define Credit Policy

Following are the key enhancements in Define Credit Policy:

- Ability to indicate whether government guarantee will be applicable or not for the loans created under the selected product groups.

- Ability to indicate the type of government guarantor.

- Ability to define the percentage for auto creation of Personal Guarantee type of collateral, which is of unlimited in nature for government guaranteed and other type of loans.

- To support SME lending and third-party products, the new product types of Business Credit Card and Equipment Finance have been introduced.

- The existing product type Credit Card is renamed as Personal Credit Card.

- Ability to configure all types of collaterals for Secured Business Credit Cards.

- For Equipment Finance Lease product type, new collateral type Financial Agreement and Undertaking and new collateral category Equipment Finance Agreement have been introduced.

1.1.2.8 Define Credit Card Offer

Following are the key enhancements in Define Credit Card Offer:

- The existing field Add on Card Allowed is renamed as Add on Card / Addition of Card Holders Allowed.

- The existing field Maximum Add on Cards is renamed as Maximum Add on Cards / Maximum Card Holders Allowed.

- In compliance with the Regulation Z requirements, the two new fields of Standard Unauthorized Usage Limit and Non Standard Agreement Applicable have been introduced.

    - Unauthorized usage liability agreement will be a document as laid down in the regulation, and if bank wants to enter into a separate liability agreement, instead of unauthorized usage liability agreement, then specific agreement needs to be generated to the card holders.

    - The Standard Unauthorized Usage limits is the maximum amount which the customer is responsible to pay, even if the card is reported to be lost. This amount is mentioned as part of the Offer Agreement.

    - Alternatively, bank can provide the Non Standard Agreement in which the bank in consultation with the customer will have specific limits mentioned in the Offer document.

    - In any case, the customer may receive only one document where the terms and conditions will be laid down about the liability of the customer in case of loss of credit card reported to the bank.

1.1.2.9 Define CASA Product

Following are the key enhancements in Define CASA Product:

- Ability to allow linkage of multiple billing classification codes at CASA Product level is introduced.

- Ability to disable the Due Days field in the Billing Amount Parameter panel, if in the Billing Parameter, Due Date is selected in the Upfront Generation Based on field.

1.1.2.10 Define CASA Offer

Following are the key enhancements in Define CASA Offer:

- Ability to link business rule for government guaranteed loans for validating requested term has been introduced. This will validate the requested term with maximum term specified for government guaranteed loans.

- Ability to link business rule to enable the system to default the eligible guarantee percent for loan in collateral section. The guarantee percent is defined based on loan type and requested amount.
  For example, If loan offer is Standard 7(a) and the requested loan amount is $100,000, then the rule will check the guarantee percent matrix maintained as part of rule and default the eligible guarantee percent.

- Ability to enable the Offer Type field in the CASA offer, if the Government Guarantee Applicable field is selected in the linked credit policy.

1.1.2.11 Business Classification Plan

A new screen Define Billing Classification Plan (Fast Path: PM060) has been introduced to configure multiple billing classifications to support seasonal repayment under business line of credit.

Repayment capacity of certain businesses depend on the nature of their business. For example, Gold Ornaments segment may have the potential to make large repayments and low repayments in the year based on sales during festivals. For the large repayments, customers can repay percentage of Principal + Interest and during low repayments, customers repay only interest. Depending on the nature of business, banks can create a billing classification for the repayments under the line of credit.

Table 1–1 Example of Repayments

Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sept	Oct	Nov	Dec
Large Repayment		Low Repayment		Low Repayment						Low Repayment	
MAD Computation Method	MAD Computation Method	Interest Only	Interest Only	MAD Computation Method	MAD Computation Method	MAD Computation Method	MAD Computation Method	MAD Computation Method	Interest Only	Interest Only	Interest Only

1.1.3 Party

This section describes the key enhancements in Party.

1.1.3.1 Data Privacy and Security

The data privacy and security requirements are applicable to all the party roles of Individual party type. Following are the key enhancements in Data Privacy and Security:

- Ability to mask in user interface and tokenize (SSN only) in database in all application pages of Party (for the predetermined list of PII data elements) based on configuration maintained in the Data Security Configuration (Fast Path: CS50) page.

- Ability to support bulk data export of Party PII data elements to an exportable file on customer request using the Request Party Information (Fast Path: PI501) page.

- Ability to prepare the Party PII data exportable file based on the configuration maintained in the Data Security Configuration (Fast Path: CS50) page.

- Ability to inform LCM and third party MDM systems post purging the party details in OBP's Party.

1.1.3.2 Manage Party

Following are the key enhancements in Manage Party:

- Ability to view the visual representation of the party to party relationships maintained for a party in the Single Party View (Fast Path: PI100) page.

- Ability to support role based access (Read Only or All Access) to Profile, Snapshot and Holdings widgets in the Single Party View (Fast Path: PI100) page.

- Ability to capture either income or expense or both for a business plan.

- Ability to store the identification history details and display an expiry identifier when the identification documents or identification expiry date is reached.

- Ability to capture business profile for organization party in the Single Party View (Fast Path: PI100) page.

- Ability to capture the business age of an organization party to determine if it is a start-up, new business, or existing business.

- Ability to capture the date of change of ownership for an organization party.

- Ability to identify if an organization is a non-profit organization or not.

1.1.3.3 Relationship Management

Following is the key enhancement in Relationship Management:

- Ability to identify spousal relationship as part of relationship codes maintenance.

1.1.3.4 Broker

Following are the key enhancements in Broker:

- Ability to restrict broker-initiated party search to search for only those parties associated with the broker.
- Ability to link brokers to a Broker firm
- Ability to search for an individual party using party name, mobile number or email ID.

1.1.3.5 Third Party Integration

Following is the key enhancement in Third Party Integration:

- Ability to inform Oracle Banking Payments system on creation or deletion of parties in Oracle Banking Platform.

1.1.4 Incentive

This section describes the key enhancements in Incentive.

- Ability to calculate compensation for brokers and dealers for sourcing loans.
- Ability to define the following plans for service providers and assign unique plan IDs:
    - Compensation
    - Subvention
    - Chargeback
    - Payback
- Ability to maintain plan policies for service providers using the Maintain Plan Policy for Service Providers (Fast Path: INC02) page. The plan policy resolves the plan ID defined using the Define Plan for Service Providers (Fast Path: INC01) page for each plan. Different facts are used to resolve the plan ID. Based on the resolved plan ID, details of the applicable plan, the compensation, subvention, chargeback and payback are calculated.

1.1.5 Oracle Payments Integration

The Payments module of Oracle Banking Platform has initiated the process of integrating with Oracle Banking Payments, an in-house payments processing product.

- The first stage of the integration involves the data hand off from Oracle Banking Platform to Oracle Banking Payments product pertaining to certain important data attributes of the Party module and the Transaction Accounts module.
- When there is any new addition or any closure of a party or a transaction account, then the respective modules trigger this hand off, which is then forwarded to the Oracle Banking Payments product through Oracle Banking Platform in the prescribed format by calling the relevant services.

Note

For more information on the product features offered by Oracle Banking Base, see its functional overview document.

1.2 Oracle Banking Loans

This section describes the key enhancements of Oracle Banking Loans that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.2.1 Loans

This section describes the key enhancements in Loans:

- **Lending Questionnaire:** Ability to capture a questionnaire at account level. For loan accounts with Bullet payment on maturity date, during new account configuration, a questionnaire is enabled to capture different modes of repayment, along with amounts for each mode.

- **Rate Refresh at Account Level:** Ability to capture rate refresh frequency (monthly, quarterly, and so on) and rate refresh date at account level during new account configuration.

- **Fixed Rate in PMI Stage:** Ability to charge the fixed rate or customized rate of the account in PMI stage. The last rate type of the account prior to PMI stage is carried over to PMI stage.

- **Payment Tolerance in Percentage:** Ability to set payment tolerance in percentage. Payments made to loan account within the tolerance percentage maintained at the loan product level are treated as complying payment towards the dues. Short payments made within the tolerance limit are not subject to delinquency tracking. The tolerance is applied on the payment amount due as per payment tracker.

1.2.2 Indirect Lending

This section describes the key enhancements in Indirect Lending:

1.2.2.1 Computation of Plan and Policy

Following are the key enhancements introduced in computation of Plan and Policy:

- Ability to support indirect lending which facilitates computation and capturing details of compensation, subvention, chargeback and payback for accounts which are sourced by dealers.

- Ability to support computation and logging of compensation and subvention on periodic basis for different payment methods.

- Ability to post details of compensation, subvention, chargeback and payback details, if received from external origination system without resolving them.

- Ability to set up indirect lending using Define Plan for Service Providers (Fast Path: INC01) page and Maintain Plan Policy for Service Providers (Fast Path: INC02) page.

1.2.2.2 Chargeback and Payback

Following are the key enhancements introduced in Chargeback and Payback:

- Ability to support computation and logging of chargeback if excess compensation is paid, and payback if excess subvention is paid to service providers.

- Ability to initiate chargeback when a customer closes the loan before full term of the loan (EFS) or account is charged off and the compensation for the loan account is paid upfront or upfront month end.

- Ability to initiate payback when a customer closes the loan before full term of loan (EFS) or account is charged off and the subvention is received from the dealer on loan account upfront or upfront month end.

1.2.2.3 Amortization

Following is the key enhancement introduced in Amortization:

- Ability to support amortization of compensation and subvention amount which is paid or collected upfront from the broker. The amount is amortized over the full tenure of the loan using EIR method.

1.2.2.4 Compensation Reserve

Following is the key feature introduced in Compensation Reserve:

- Ability to create compensation reserve for individual dealers. The amount of compensation reserve is set when dealer is onboarded in Party.

1.2.2.5 Dealer Loss Reserve

Following is the key enhancement introduced in Dealer Loss Reserve:

- Ability to create loss reserve for each account sourced by dealer. The amount of dealer loss reserve is created based on the input received during the account opening process. The dealer loss reserve can only be utilized to make Principal Only Payments for accounts which have contributed to the loss reserve.

1.2.2.6 Manage Dealer

Following are the key enhancements introduced in Manage Dealer:

- Ability to display the following details of dealer and accounts sourced by the dealer in the Manage Dealer (Fast Path: IDL100) page:
  - Compensation and subvention receivable and payable for the current month
  - Compensation and subvention as per last statement
  - Settlement instructions and correspondence details of dealer
  - Compensation and loss reserve balance as of current date
  - Details of accounts sourced by the dealer
  - Statement summary of all accounts displaying account details, compensation earned, and subvention payable
  - Settlement instructions for amount payable and receivable to the dealer
- Ability to appropriate loss reserve for delinquent accounts to make Principal Only Payments.

> **Note**
>
> For more information on the product features offered by Oracle Banking Loans, see its functional overview document.

1.3 Oracle Banking Current Accounts and Savings Accounts

This section describes the key enhancements of Oracle Banking Current Accounts and Savings Accounts that are released as a part of Oracle Banking Platform Release 2.9.0.0.0:

1.3.1 Line of Credit Accounts

This section describes the key enhancements in Line of Credit (LOC) accounts:

- **Billing Classification Code:** Repayment capacity of certain customers depends upon the nature of their business. Billing classification code facilitates automatic switching of minimum amount due (MAD) computation depending on the customer's payment capacity. For certain calendar months, the minimum amount due can be maintained as Interest Only and for certain months the minimum amount due can be based on the MAD Calculation Method maintained for the account. For example, a business classification code can be created for accounts opened for customers from the manufacturing industry, where in, Interest Only method can be maintained as MAD for certain months during low sales volume, and MAD to be computed based on the MAD Calculation Method for the specific months which attract high margins for the business.

  > **Note**
  >
  > For more information on the product features offered by Oracle Banking Current Accounts and Savings Accounts, see its functional overview document.

1.4 Oracle Banking Limits and Collateral Management

This section describes the key enhancements of Oracle Banking Limits and Collateral Management that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.4.1 Collateral Management

This section describes the key enhancements in Collateral Management:

- A new collateral category of Equipment Finance Agreement is introduced under the collateral type of Financial Agreement & Undertaking.

- Ability to modify details being captured for collateral category of Government Guarantee under the collateral type of Bank and Government Guarantee.

- Ability to default a valuation type (Appraisal or Evaluation) for a Property collateral offered as security by linking a rule in the Global Parameter Details (Fast Path: LCM48) page. The rule gets evaluated in the Valuation Request, if there is no valuation type provided by the external decision engine.

1.4.2 Data Privacy and Security

This section describes the key enhancements in Data Privacy and Security:

- Ability to purge the following details of a customer's record from Collateral perspective:
  - For Property Type of Collateral:
    - Information on the title of the property is deleted.
    - Information on the Property Contact Details, Builder Contact Details (for under construction property) and Valuer Agent Details (which are part of valuation of collateral) is deleted.
  - For Automobile Type of Collateral: The following fields are deleted:
    - Chassis Number
    - Engine Number
    - Registration Number
    - Vehicle Identification Number
- Ability to mask the following Personally Identifiable Information (PII) from Collateral perspective based on configuration:
  - Property Contact Information: Email ID
  - Builder Contact Information: Email ID
  - Lessor and Lessee Details: Email ID and Date of Birth

1.4.3 Limit Management

This section describes the key enhancements in Limit Management:

- Ability to validate the exposure of executive officer and the related party of executive officer with the minimum of Executive Officer Credit Threshold or Executive Officer Credit Limit amount maintained in Bank Policy (Fast Path: CS26) page.
- Ability to exclude a specific collateral and charge combination from computation of LVR.

> **Note**
>
> For more information on the product features offered by Oracle Banking Limits and Collateral Management, see its functional overview document.

1.5 Oracle Banking Relationship Pricing

This section describes the key enhancements of Oracle Banking Relationship Pricing that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

- **Cap on Margin:**
  - Ability to maintain minimum net margin and maximum net margin in the Pricing Control Policy Maintenance (Fast Path: PR025) page.
  - Ability to view the Net Margin Range, that is minimum and maximum net margin in the Entity Level Price Benefit Chart (Fast Path: PR011) page.

- Ability to compare the sum of margins applicable for an account (that is, Evaluated Net Margin) with the minimum and maximum net margin. During pricing or re-pricing an account, the system evaluates the Evaluated Net Margin, applicable for the account and compares it with the minimum and maximum margin allowed for the account.

  - If the Evaluated Net Margin is more than the maximum margin, then the maximum margin is treated as the Applicable Net Margin and is applied to the base interest rate to arrive at the Evaluated Net Interest rate.

  - If the Evaluated Net Margin is less than the minimum margin, then the minimum margin is treated as the Applicable Net Margin and is applied to the base interest rate to arrive at the Evaluated Net Interest rate.

  - If the Evaluated Net Margin is less than or equal to the maximum margin and more than or equal to the minimum margin, then the Evaluated Net Margin is treated as the Applicable Net Margin.

Note

For more information on the product features offered by Oracle Banking Relationship Pricing, see its functional overview document.

1.6 Oracle Banking Originations

This section describes the key enhancements of Oracle Banking Originations that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.6.1 Capture Application

Following are the key enhancements in Capture Application:

- Serviceability:

  - Ability to display the name of the party or borrowing entity as a heading for the serviceability details of that particular party or borrowing entity.

- Solicitor:

  - Ability to add one bank and one customer solicitor to the collateral.

  - Ability to add the same solicitor to represent both bank as well as customer.

- Review:

  - Ability to display a holistic view of the parties present in the submission along with their related parties (affiliates) and relationships.

  - Ability to filter or customize the summary view of a specific product applied, to view the relevant parties in the submission, along with their related parties (affiliates).

1.6.2 Perform Credit Assessment

Following are the key enhancements in Credit Assessment:

- Ability to view the details of a party selected in the credit worthiness widget, in the Single Party View page.

1.6.3 Structure Solution

Following are the key enhancements in the Structure Solution process:

- Ability to compute the broker compensation internally or by an external system. The broker compensation is computed based on the configuration in Common Services module.

1.6.4 Verification

Following are the key enhancements in Verification:

- The exception for marking a verification type as successful, even if an expired document has been uploaded or an adverse response has been provided for a questionnaire item, is now extended to optional documents.

- Ability to validate whether the override reasons are captured for expired documents (mandatory and optional) uploaded for a verification type which is marked as Successful.

- Ability to validate whether the override reasons are captured for any adverse responses of questionnaire for a verification type and document type which is marked as Successful.

1.6.5 Create Offer and Execute Documents

Following are the key enhancements in the Create Offer and Execute Documents process:

- **Create Offer:** Ability to display in the covering letter, a list of mandatory outbound documents that are generated and dispatched to the customer.

- **Accept Offer:** Ability to display in the covering letter, a list of mandatory outbound documents that are generated and dispatched to the customer.

1.6.6 Perform Origination and Fulfillment

Following are the key enhancements in the Perform Origination and Fulfillment process for data privacy and security requirement:

- **Data Privacy and Security:**
  - Ability to mask the sensitive PII data elements in the user interface, for all party roles of the individual party type, across the Originations module based on the configuration maintained in the Common Services module.

  - Ability to tokenize the sensitive PII data elements in the database, for all party roles of the individual party type, across the Originations module based on the configuration maintained in the Common Services module.

  - Ability to mask or show as plain text in the user interface, customer data for all party roles of the individual party type, across the Originations module based on the configuration maintained in the Common Services module.

1.6.7 Application Tracker

Following are the key enhancements in Application Tracker:

- Ability to perform manual credit decision from the Application Tracker. Based on configuration, credit decision can either be performed in the Manual Credit Decision task generated by the system in the BPM Worklist or from the Credit Decision stage of the Application Tracker.

- Ability to view the complete Financial Analysis BPM Worklist task from the Financial Analysis stage of Application Tracker.

- Ability to perform the financial analysis from Application Tracker. Based on configuration, the analysis can either be performed in the Financial Analysis task generated by the system in the BPM Worklist or from the Financial Analysis stage of the Application Tracker.

1.6.8 Work Activity

Following are the key enhancements in Work Activity:

- Ability to capture the assignee and response user ID or user group to which the query and response are routed in the create work activity process.

- Ability to create and assign work activity on a broker.

- Ability to support work activity initiation by broker and alert to inform the broker of the response work activity.

1.6.9 SME Lending

Oracle Banking Originations supports the following products for SME Lending.

1.6.9.1 Government Guaranteed Loan and Line of Credit

In Government Guaranteed Loan or LOC, a percentage of loan amount is guaranteed by the government agency to the lender so that if the borrower fails to make the payment to the loan, the agency reimburses the lender to the extent of percentage guaranteed. This reduces the risk of loss to the lender and they can sanction more of SME loan. This is done by the government to promote entrepreneurship, which indirectly creates more of employment.

Government agency does not directly lend funds to the borrower but only guarantees the loan. The borrower has to follow normal process of applying for the loan to the lender.

Oracle Banking Originations supports application processing of business loan and line of credit, with exception to some Government Guaranteed Loan or LOC specific requirements as detailed below as assumptions:

Assumptions:

- The party to the application must always be an existing party. No new party can be onboarded through the application form.

- The party to the application must be an Organization or Trust. Individual parties cannot apply for government guaranteed loan or line of credit.

- Only new application can be processed. Amendment of applications is not supported.

- Any change in party details must be done through the Single Party View (Fast Path: PI100) page.

1.6.9.1.1 Capture Application

The government guaranteed loan specific features supported in the steps of the application form are mentioned below. The other steps and processes remain the same for government guaranteed loan.

Product:

Following are the key enhancements in product details:

- Ability to check the eligibility of the party (organization or trust) for government guaranteed loan.

- Ability to allow selection of government agency guaranteeing the loan to get the loan processed either as a government guaranteed loan or none, if the loan application is to be processed as normal loan.

- Ability to auto create owners as Guarantors whose ownership share is in excess of certain percentage (For example, owners holding 20% or above individually or when added with their spouse would be guarantor to the application processed as government guaranteed application. The percentage at which guarantor would be created is configurable.

Party:

Government guaranteed loan or line of credit can be processed only for existing party and any change in party details should be done through the Single Party View (Fast Path: PI100) page, and not as part of the Capture Application process.

Following is the key enhancement in party details:

- Ability to validate that the ownership details are captured in full, that is the sum of ownership share should be 100%.

Bundles:

Since bundle is not applicable for government guaranteed loan, this step should be skipped.

Collateral:

Following are the key enhancements in collateral:

- Ability to link existing collateral for government guaranteed loan or line of credit as per the existing functionality.

- Ability to automatically create a Personal Guarantee collateral of Unlimited type for the guarantor added as part of the Product step.

- Ability to automatically create a Bank and Government Guarantee collateral to capture the government agency guaranteeing the loan. The value of the collateral will be the guarantee percentage approved by the government agency.

Review:

Following are the key enhancements in review:

- Ability to displays a message stating that the applicant is eligible for Government Guaranteed Loan, in cases where the applicant was eligible for Government Guaranteed Loan but opted to process the application as normal term loan or line of credit.

- Ability to resolve the specific documents as required for government guaranteed loan and mandatory printing of the documents before submitting the application.

1.6.9.1.2 Credit Assessment

The existing features of Credit Assessment are applicable for government guaranteed loan and line of credit. Based on the internal credit assessment:

- If the application is approved, the Government Guarantee Interface Task is created.

- If the application is approved with down sell, the Downsell task is created and on acceptance, Government Guarantee Interface Task is created.

- If the application is referred for manual credit decision, the Government Guarantee Interface Task is created on manual approval.

- If the application is rejected, the Decline Offer task is created and rejection letter is issued.

1.6.9.1.3 Government Guarantor Interface Task

The Government Guarantor Interface Task is created post approval of Credit Assessment.

- Post internal approval, most of the government guaranteed loans need to be appraised and approved by the agency guaranteeing the loan. This task also has the ability to trigger interface to the government agency appraisal system for approval.

- Currently, Verification, Valuation and Structure Solution tasks are created post approval of credit assessment. For government guaranteed loan applications, these task are created post approval by the government agency guaranteeing the loan.

- In case of failure of initial interface call, the ability to re-trigger the task is provided.

1.6.9.2 Business Line Of Credit (LOC)

With a business line of credit, the lender approves a pool of funds which is the credit line. The customer can draw from this line whenever need. Interest is usually paid only for the money drawn by the customer. Line of credit can be secured or unsecured and are usually revolving in nature. Business LOCs are ideal to meet the short- term operating costs of small businesses.

To be eligible for Business LOC, the business should meet the following primary eligibility criteria

- It must be an established business that is at least two years old and has a positive track record of growing revenues and profit.

- The owners of the business are permanent residents and are of age 18 years and above.

Oracle Banking Originations supports origination of Business LOC. In addition to the existing functionality of originating accounts through the application form, the features supported for Business LOC are mentioned in detail below.

1.6.9.2.1 Capture Application

The Business LOC specific features supported in the steps of the application form are mentioned below. The other steps and processes remain the same for Business LOC.

Product:

Following are the key enhancements in product details:

- Ability to capture Business Needs as a purpose to business line of credit.

- Ability to auto create personal guarantee under business line of credit wherein a single owner of the organization has a stake above a certain threshold, or if added up with spouse, crosses the threshold. For example, if threshold is maintained as 25% or above, during application form capture, this parameter is validated and if the owner individually or with spouse crosses this threshold, a personal guarantee is auto created.

Collaterals:

This step is enabled for lending product groups in cases where the Secured and Collateral Required parameter is set in credit policy (which is linked to product group and business unit combination) and marked as Mandatory or Optional. Following is the key enhancement in collateral:

- For secured business line of credit, bank can set up the allowed collateral types through Enterprise Product Manufacturing module.

Configure:

This step is applicable for liability (mandatory step) and lending product groups (mandatory or optional can be configured in origination preferences). Following are the key enhancements in configure account:

- Ability to interact with Oracle Banking Relationship Pricing to determine and display applicable interest rates, margins and fees.
- Ability to negotiate margins and fees, based on configuration within Oracle Banking Relationship Pricing.
- Ability to view and modify the lending questionnaire.
- Ability to select a billing schedule that supports seasonal repayment under business line of credit.

1.6.9.2.2 Retail vs. Business Banking Applications

Oracle Banking Originations supports retail and business banking origination applications. To derive the respective path of retail and business, bank can define rules in origination preferences. Difference in flow is required as business banking origination requires complex and detailed analysis whereas retail origination does not require it. The following can be used to determine if a retail or business banking flow is required.

- Facts can be used to determine the flow. For example, Product Group, Purpose Type, Party Type, Constitution, Amount.
- Rules can be used to determine the flow. For example, for a Line Of Credit product type, a rule can set as follows:

Table 1–2 Sample rule for determining Retail or Business banking work flow

Product Type	Party Type	Submission Classification Type
Line Of Credit	Organization	Business
Line Of Credit	Trust	Business
Line Of Credit	Individual	Retail

- Applicant eligibility rules can be set for allowed combinations of Party Types. For example, a rule can be set as follows:

Table 1–3 Sample rule for applicant eligibility

Individual	Organization	Trust	Outcome
Yes	No	No	Allowed
No	Yes	No	Allowed

Individual	Organization	Trust	Outcome
No	No	Yes	Allowed
Yes	Yes	Yes	Disallowed
Yes	No	Yes	Disallowed
Yes	Yes	No	Disallowed
No	Yes	Yes	Disallowed

1.6.9.2.3 Structure Solution

Oracle Banking Originations provides the ability to select a billing schedule that supports seasonal repayment under business line of credit.

1.6.9.3 Equipment Finance Lease

Leasing as financial service is a contractual agreement where a party being the owner (lessor) of an asset (leased asset) provides the asset for use by the lessee at a consideration (rentals), either fixed or dependent on any variables, for a certain period (lease period), either fixed or flexible, with an understanding that at the end of such period, the asset, subject to the embedded options of the lease, will be either returned to the lessor or disposed of as per the lessor's instructions.

> **Note**
>
> - This functionality is supported for headless (External UI) implementation using Oracle Banking Originations API.
>
> - Equipment Finance Lease account will not be opened in Oracle Banking Originations. The required data for account opening will be passed to the product processor and account will be opened in third party system.

Oracle Banking Originations supports the following features for Equipment Finance Lease.

1.6.9.3.1 Day 0 Setup

Following are the key enhancements in day 0 setup:

- Ability to define product group for Equipment Finance Lease product type under Loan class

- Ability to define offer as Sale Type Lease or Direct Finance Lease

- Ability to capture the Fixed Interest Rate at offer level which is used to calculate the lease rent, in cases where lease rental amount is not decided upfront between customer and bank.

1.6.9.3.2 Lease Details

Following are the key enhancements in lease details:

- Ability to initiate application form for Equipment Finance Lease for existing customers of Organization party type.

- Ability to capture the basic details of the lease such as purpose, equipment details, lease amount and term, buyout details for Sale Type Lease and salvage value details for Direct Finance Lease, repayment option, security deposit and initial direct cost amount, if incurred.

- Ability to capture lease rental or calculate lease rental, if not decided upfront.

- Ability to execute offer eligibility rule and recommend suitable offers and select only one offer. Multiple offer cannot be selected.

- Ability to add the owners as guarantor automatically based on ownership share.

1.6.9.3.3 Applicants

Following is the key enhancement in applicants:

- Ability to display basic details of the applicants and guarantor and capture their consents.

1.6.9.3.4 Collateral

Following are the key enhancements in collateral:

- Ability to create the following collateral automatically :
  - Personal Guarantee collateral for guarantor added automatically based on ownership share.
  - Equipment Lease Agreement equivalent to the Equipment Price.
- Ability to create Personal Guarantee collateral automatically, if guarantor is present in the submission.
- Ability to display existing collateral of the applicant and guarantor, and link it to the application.

1.6.9.3.5 Account Configuration

Following are the key enhancements in account configuration:

- Ability to configure the account automatically and display basic lease account details.
- Ability to calculate and display Implicit Rate of Return.
- Ability to draw and display lease repayment schedule.

1.6.9.3.6 Fee and Settlement Details

Following are the key enhancements in account configuration:

- Ability to capture settlement details for Equipment Price and Initial Direct Cost, if any.
- Ability to display the origination fee and capture the applicant's account for fee collection.

1.6.9.3.7 Documents

Following is the key enhancement in documents:

- Ability to upload collateral inbound documents such as Proforma Invoice, Valuation report, and Salvage report.

1.6.9.3.8 Summary

Following are the key enhancements in summary:

- Ability to display the summary of the application details including lease, applicants and guarantors, collateral, account details at any point of time.

- Ability to display fees, settlement and deposit amount in the summary along with lease details.

- Ability to submit the application and get the decision for the application.

- Ability to download and print Equipment Lease Application.

1.6.9.3.9 Key Indicators

Following are the key enhancements in key indicators:

- Ability to display key indicators, credit worthiness and serviceability.

- Ability to display the applicant risk score and application risk score.

1.6.9.3.10 Other Capabilities

Following are the other key enhancements:

- Ability to save the application form and resume it later.

- Ability to cancel the submission.

- Ability to capture notes.

- Ability to capture policy deviations for party, collateral and facility.

- Ability to navigate across steps within the application form and capture relevant information that is available with the banker.

1.6.9.4 Business Credit Card

A business credit card is a credit card intended for use by a business. Usually, business credit cards are available to businesses of all sizes. They help to build a credit profile to improve future credit borrowing terms. They can also provide a much-needed financial cushion when the business is short in cash.

> **Note**
>
> - This functionality is supported for headless (External UI) implementation using Oracle Banking Originations APIs.
>
> - Business Credit Card will not be opened in Oracle Banking Originations. The required data for card issuance will be passed to the product processor and card account will be opened in third party system.
>
> - Oracle Banking Originations currently supports origination of retail credit cards only.

Oracle Banking Originations supports the following features for Business Credit Cards.

1.6.9.4.1 Day 0 Setup

Following are the key enhancements in day 0 setup:

- Ability to define product group for Business Credit Cards product type under Business Credit Card class

- Ability to define unauthorized usage liability details, if applicable.

- Ability to configure Term Deposit and Personal Guarantee collateral, if applicable.

- Ability to link questionnaire to Business Credit Card product type.

1.6.9.4.2 Credit Card Details

Following are the key enhancements in Credit Card details:

- Ability to initiate Individual Liability Credit Card by selecting Individual type of applicants.

- Ability to capture and view financials for Individual party.

- Ability to initiate Corporate Liability Credit Card by selecting Organization or Trust type of applicants.

- Joint applicants are not allowed for Business Credit Card applications.

- Ability to add guarantor in application, if applicable.

- Ability to capture card type and credit limit details.

- Ability to resolve offers based on the party type and questionnaire responses.

- Ability to capture cardholder details. If the applicant is of Individual type of customer, then applicant is treated as Card Holder. If the applicant is not of Individual type, then the ability to capture the cardholder details is provided.

- Ability to capture unauthorized usage details, if maintained as part of day 0 setup.

1.6.9.4.3 Applicants

Following is the key enhancement in applicants:

- Ability to display basic details of the applicants and guarantor, and capture their consents.

1.6.9.4.4 Collateral

Following are the key enhancements in collateral:

- Ability to create the Personal Guarantee collateral automatically :
  - Personal Guarantee collateral for guarantor added automatically based on ownership percentage, which is unlimited guarantee in nature
  - Personal Guarantee is automatically created if a guarantor is added in the application.

- Ability to display existing Term Deposit and Personal Guarantee collateral of the applicant, and link them to the application.

1.6.9.4.5 Documents

Following is the key enhancement in documents:

- Ability to upload inbound documents such as Board Resolution documents.

1.6.9.4.6 Summary

Following are the key enhancements in summary:

- Ability to display the summary of the application details including applicants, guarantors and collateral details at any point of time.

1.6.9.4.7 Key Indicators

Following are the key enhancements in key indicators:

- Ability to display key indicators, credit worthiness and serviceability.
- Ability to display the applicant risk score.

1.6.9.4.8 Other Capabilities

Following are the other key enhancements:

- Ability to save the application form and resume it later.
- Ability to cancel the submission.
- Ability to navigate across steps within the application form and capture relevant information that is available with the banker.

> **Note**
>
> For more information on the product features offered by Oracle Banking Originations, see its functional overview document.

1.7 Oracle Banking Collections

This section describes the key enhancements of Oracle Banking Collections that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.7.1 Redesigned Service Collection Account Page

The Service Collection Account page has been redesigned to offer a comprehensive widget based user interface that helps to view account details and perform various actions on an account. It provides the following widgets using which you can efficiently manage the accounts in Collections:

- Account Snapshot
- Borrowers
- Case
- Activity

1.7.2 Bureau Reports

Ability to interface with credit bureaus to fetch bureau reports of customers in collection is supported.

1.7.3 Identification of Accounts for Partial Charge Off

Ability to identify accounts that qualify for partial charge off is supported. This is done through a batch. Once such accounts are identified by the batch, details of these accounts, such as account number, partial charged off amount, and reason for partial charge off, are sent to account servicing. The actual charge off of such accounts is done in account servicing system.

Following are certain criteria for partially charging off an account:

- All the financially responsible parties of an account, have either Bankruptcy or Deceased indicator. The financially responsible parties include the Sole Owner (SOW), Joint and First (JAF), Joint and Others (JAO) or Cosigners.

- All collaterals attached to an account have been repossessed and the redemption period has expired. This is internally derived on the basis that the liquidation process for all attached collaterals has started.

> **Note**
>
> For more information on the product features offered by Oracle Banking Collections, see its functional overview document.

1.8 Oracle Banking Recovery

This section describes the key enhancements of Oracle Banking Recovery that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

1.8.1 Settlement Offer

Ability to apply settlement offers on the accounts in Recovery is supported. This is one of the tools used in Recovery wherein borrowers are given an option of closing the loan by paying an amount less than the total amount owed. A settlement offer that consists of the settlement amount and term is created automatically for the applicable accounts using a pre-defined criterion. The customers who receive the offers are then expected to accept the offer and settle the loan with the bank.

> **Note**
>
> For more information on the product features offered by Oracle Banking Recovery, see its functional overview document.

2 US Localization Features

This chapter describes the key features for US localization that are a part of Oracle Banking Platform Release 2.9.0.0.0.

2.1 Oracle Banking Base

This section describes the key enhancements of Oracle Banking Base that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

2.1.1 Party

This section describes the key enhancements in Party.

- **MLA:** Ability to capture the MLA coverage for all the parties (service member, service member dependent or non-service member).

- **Data Privacy and Security:** Ability to consider Disability related fields as Personally Identifiable Information (PII), and add them in the data portability and purging functionality supported by the Party.

2.1.2 Enterprise Product Manufacturing

This section describes the key enhancements in Enterprise Product Manufacturing.

- Ability to integrate the SBA Questionnaire in the Offer task flow has been introduced as part of Origination process.

- Ability to indicate the type of guarantor such as Small Business Administration (SBA) and Certified Development Company (CDC) in Credit Policy.

> **Note**
>
> For more information on the product features offered by Oracle Banking Base, see its functional overview document.

2.2 Oracle Banking Loans

This section describes the key enhancements of Oracle Banking Loans that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

- **Refund of Fees:** Ability to refund fees based on whether the fee is paid or unpaid. If the fee is unpaid, refund is posted to fee arrears, thus removing the fee arrears on the account. If the fee is paid, refund is posted to a refund GL.

- **Late Fees:** Ability to charge late fee as percentage of the installment amount as well as percentage of unpaid arrears in the account based on the payment status in payment tracker.

- **Processing of Periodic Credit and Payment Instructions through External Account:** Ability to initiate instructions such as Periodic Credit and Payment Instructions through an external account, in advance by float days. The payment is credited to the account on the actual due date.

■ **Cost Recovery Method of Accounting for Delinquent Loans:** Oracle Banking Loans performs Cost Recovery Method of accounting when an account becomes delinquent due to nonpayment of dues. The account is moved to Suspended status and interest accruals are stopped. Any payment made by the customer thereafter, reduces the principal balance of the account. Once the account moves to Regular status, interest is accrued on the account at the Effective Interest Rate based on the future cash flows.

> **Note**
>
> For more information on the product features offered by Oracle Banking Loans, see its functional overview document.

2.3 Oracle Banking Limits and Collateral Management

This section describes the key enhancements of Oracle Banking Limits and Collateral Management that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

2.3.1 Collateral Management

This section describes the key enhancements in Collateral Management:

■ A new valuation type of Flood Zone Determination is added in the seed data.

■ Ability to record the Real Estate zone offered as collateral and validate whether the last updated zone is within the validity stated under the Collateral Category Preference (Fast Path: LCM07) page as per regulation.

■ Ability to indicate whether a Residential Real Estate offered as collateral is Complex and decide its valuation type (Evaluation or Appraisal) to be carried out as per regulation.

■ Ability to indicate whether the residential real estate is classified as Complex 1-4 Family (for example, if the property has unique architecture, or is historic in age, or is a beach front property) to decide on the type of valuation to be carried out (Evaluation or Appraisal).

> **Note**
>
> For more information on the product features offered by Oracle Banking Limits and Collateral Management, see its functional overview document.

2.4 Oracle Banking Originations

This section describes the key enhancements of Oracle Banking Originations that are released as a part of Oracle Banking Platform Release 2.9.0.0.0.

2.4.1 SME Lending

Oracle Banking Originations supports the following US-specific features offered for Small and Medium Enterprises (SME) Lending products.

2.4.1.1 Small Business Administration (SBA) Loans and Line of Credit (LOC)

Small Business Administration Loan, also known as SBA loan, is a loan that is partially guaranteed by the government (SBA), which eliminates some of the risk for the financial institution granting the loan. SBA is not the lender but they guarantee the loan that the financial institution extends to small businesses. In the event of payment default, the SBA reimburses the financial institution to the extent of the guarantee.

SBA 504 is a form of government guaranteed loan, which is used for long-term financing. The 504 program works by distributing the loan among three parties. The business owner puts a minimum of 10%, a conventional lender (typically a bank) puts up 50%, and a Certified Development Company (CDC) puts up the remaining 40%. Certified Development Companies are established under the 504 code as non-profit corporations set up to support economic growth in their local areas.

Oracle Banking Originations supports application processing of business loan and line of credit, with exception to some SBA specific requirements as detailed below as assumptions:

Assumptions:

- The party to the application must always be an existing party. No new party can be onboarded through the application form.

- The party to the application must be an Organization or Trust. Individual parties cannot apply for SBA loan or line of credit.

- Only new application can be processed. Amendment of applications is not supported.

- Any change in party details must be done through the Single Party View (Fast Path: PI100) page.

In addition to the existing functionality of originating accounts through the application form, the features supported for SBA loans are mentioned in detail below.

2.4.1.1.1 Capture Application

The government guaranteed loan specific features supported in the steps of the application form are mentioned below. The other steps and processes remain the same for government guaranteed loan.

Product:

Following are the key enhancements in product details:

- Ability to allow selection of SBA or CDC to get the loan processed either as a government guaranteed loan or none, if the loan application is to be processed as normal loan.

- Ability to check the eligibility of the party (organization or trust) for government guaranteed loan (guaranteed by SBA or CDC) upfront. The upfront eligibility check includes:

  - Organization belongs to the eligible industry.

  - Organization meets SBA's definition of Small enterprise.

  - Organization is constituted as For Profit.

- Ability to resolve and capture responses of Primary Applicant, Joint Applicant, Guarantor, Affiliates to the party questionnaire based on the government guarantor, that is, if guarantor is SBA, system displays additional questions specific to SBA.

- Ability to resolve and capture SBA specific questionnaire on selection of offer.

- Ability to mandate addition of another organization or trust as joint applicant or guarantor, if Primary Applicant is an Eligible Passive Company (EPC).

- Ability to auto create owners as Guarantors whose ownership share is in excess of certain percentage (Example 20% or above individually or when added with their spouse) for application processed as SBA application.

- Ability to add both the owner and spouse as Guarantors, if the share owned individually is more than 5% and jointly is more than 20%.

Party:

SBA loan or line of credit can be processed only for existing party and any change in party details should be done through the Single Party View (Fast Path: PI100) page, and not as part of the Capture Application process.

Following is the key enhancement in party details:

- Ability to validate that the ownership details are captured in full, that is the sum of ownership share should be 100%.

- Ability to resolve and capture the questionnaire for affiliates.

Bundles:

Since bundle is not applicable for SBA loan, this step should be skipped.

Collateral:

Following are the key enhancements in collateral:

- Collateral is mandatory for SBA loan or line of credit.

- Existing functionality of linking existing collateral continues for SBA loan or line of credit.

- Ability to automatically create a Personal Guarantee collateral of Unlimited type for the guarantor added as part of the Product step.

- Ability to automatically create a Bank and Government Guarantee collateral. For SBA loan, Bank and Government Guarantee collateral type and Government Guarantee category is auto created.

- The value of the collateral is the guarantee percentage approved by the SBA. It is expressed in percentage only.

- The guarantee is calculated based on the requested amount and exposure of the business including affiliates.

- SBA has defined a matrix for the guarantee percentage. Rules can be configured as the matrix, and based on the loan amount and rule defined, system derives the guarantee percentage and defaults in the Bank and Government Guarantee collateral.

Funding:

Following are the key enhancements in funding:

- Guarantee fee should be configured as part of Funding template.

- Guarantee fee has to be charged as part of the application. Such fees are displayed in a separate panel called Guarantee Fees within the Outlay section of the Funds Table. This fee is always deferred and deducted as part of disbursement fund. It cannot be capitalized or collected during the application processing.

- As part of the funds table, ability to modify the amount for calculated amount, that is negotiation of fee is provided.

Review:

Following are the key enhancements in review:

- Ability to displays a message stating that the applicant is eligible for Government Guaranteed Loan, in cases where the applicant was eligible for Government Guaranteed Loan but opted to process the application as normal term loan or line of credit.

- Ability to perform all validations required to process the government guaranteed loan or line of credit.

- Ability to resolve the SBA specific documents and mandatory printing of the documents before submitting the application.

2.4.1.1.2 Credit Assessment

The existing features of Credit Assessment are applicable for SBA loan and line of credit. Based on the internal credit assessment:

- If the application is approved, the Government Guarantee Interface Task is created.

- If the application is approved with down sell, the Downsell task is created and on acceptance, Government Guarantee Interface Task is created.

- If the application is referred for manual credit decision, the Government Guarantee Interface Task is created on manual approval.

- If the application is rejected, the Decline Offer task is created and rejection letter is issued.

2.4.1.1.3 Government Guarantor Interface Task

The Government Guarantor Interface Task is created post approval of Credit Assessment.

- This is a submission level task and is created only where the application is a government guaranteed and guarantor is SBA.

- System calculates the guarantee fee and provides the facility to capture the guarantee fee payment details.

- SBA applications have to be approved by SBA. So this task provides the ability to trigger an interface with SBA. A facility to re-trigger the task on failure of initial interface call is also supported.

- Usually, the Verification, Valuation and Structure Solution tasks are created post approval of credit assessment. For SBA Loan applications, these tasks are created post SBA approval.

2.4.1.2 Business Line Of Credit (LOC)

Oracle Banking Originations supports the following feature for the Business LOC:

- Ability to make capturing party details mandatory or optional in the Party step based on the type of products being applied. For example, in the case of business line of credit, it is mandatory that the owners of the business should be of age 18 years and above, and should be US Citizens or Permanent Residents.

> **Note**
>
> For more information on the product features offered by Oracle Banking Originations, see its functional overview document.

3 System Requirements and Specifications

This chapter lists the Oracle Banking Platform Release 2.9.0.0.0 system requirements and specifications.

3.1 Technology Stack Components

Oracle Banking Platform installation and configuration will not complete successfully unless users meet the following hardware and software pre-requisite requirements before installation:

Database

- Oracle Database Server Enterprise Edition 12.2.0.1.0

Operating System

- Oracle Linux 7.5 (64 bit)
    - Red Hat Enterprise Linux Server release 7.5 (Maipo)
    - Linux 4.1.12-124.27.1.el7uek.x86_64
- Compatible Oracle VM server release 2.2.3 / 3.2.9 / 3.3.9 (Virtualization) (Optional)

Runtime Software

- Oracle JDK 1.8.0_172 (64 bit)
- Oracle JDK 1.7.0_67 (64 bit) (for FMW 11g products)

Enterprise Application Server

- Oracle WebLogic Server 12.2.1.3.0

Integration and Process Management

- Oracle Service Oriented Architecture (SOA) Suite 12.2.1.3.0 (includes Oracle WebServices Manager 12.2.1.3.0)
- Oracle WebServices Manager 12.2.1.3.0
- Oracle Data Integrator (ODI) 12.2.1.3.0

Systems Management

- Oracle Enterprise Manager Cloud Control (OEM) 13.2.0.0.0

Identity Management

- Oracle Platform Security Service Client (OPSS) 12.2.1.3.0
- Oracle Adaptive Access Manager (OAAM) 11.1.2.3.0
- Oracle Entitlements Server (Security Module) 12.2.1.3.0
- Oracle Internet Directory (OID) 12.2.1.3.0
- Oracle Identity Manager (OIM) 12.2.1.3.0

- Oracle Access Manager (OAM) 12.2.1.3.0
- Oracle WebGate 12.2.1.3.0
- Oracle Web Tier 12.2.1.3.0

Content Management

- Oracle WebCenter Content 12.2.1.3.0

Installation Tools

- Oracle Repository Creation Utility (RCU) 12.2.1.3.0
- Oracle JDK 1.8.0_172 (64 bit)
- Oracle JDK 1.7.0_67 (64 bit) (for FMW 11g products)
- Oracle Universal Installer 13.9.2.0.0

Presentation

- Oracle Application Development Runtime 12.2.1.3.0

Business Intelligence

- Oracle Business Intelligence Publisher (BIP) 12.2.1.4.0
- Oracle Business Intelligence Enterprise Edition (OBIEE) 12.2.1.4.0

3.1.1 Out-of-the-Box Applications Integrations

- Oracle Documaker 12.6.2.0.0

For more information on the Oracle Banking Platform requirements from an environment perspective including minimum hardware requirements with Operating System (OS) and the middleware software products which the Oracle Banking Platform solution depends and runs on (example Database or WebLogic) or interfaces with (for example, OID or IPM), see the Oracle Banking Platform Installation Guide - Silent Installation.

4 Known Issues

This chapter covers the known issues in Oracle Banking Platform Release 2.9.0.0.0.

4.1 Oracle Banking Platform Known Issues

This section describes the known issues associated with Oracle Banking Platform Release 2.9.0.0.0.

Table 4–1 Known Issues in Oracle Banking Platform Release 2.9.0.0.0

Issue Description	Workaround (If available)
If the installment and fee repayment are aligned and repayment holiday is introduced for that period, the system considers only the first installment due in that period for repayment holiday.	
During amend facility (MOF), the disbursement amount in Settlement Instructions task is displayed as negative. This happens only if CCI is already opted by the customer.	
First lien amount of a collateral is not available as a fact to define NPA rules.	
The feature to trigger approval for granting Temporary Excess is not available.	
In the Process Accounts to be Unclaimed page, the state details are displayed for CASA accounts but the same are not displayed for TD accounts.	
The feature to display the delinquency status of an account in the Highlights widget of the Limit and Collateral Management page is not available.	
In case of upsell, system generates the upsell task. When the user clicks Pay-in and adds the details using GL as the settlement mode, the Details column appears blank in the summary of settlement instruction.	
The parameter to allow redemption or renewal of unclaimed deposit conflicts with automatic unclaimed processing and prevents generation of accounting entries.	
When a dormant CASA account is brought back to Regular or Unclaimed status, the notification on the Single Party View page is not removed.	
The system allows the user to attach hardship policy with Liability products.	This has to be controlled operationally.
The invoking of Insurance Linkage Details page and CCI Policy Servicing page from the Credit Monitor page is not supported.	The user can invoke Insurance Linkage page and CCI Policy Servicing page as standalone pages to perform the following actions: Insurance Linkage Details (Fast Path: LCM09) page:

Issue Description	Workaround (If available)
	- View the CCI policy detail - View and update the LMI policy - Create, update and view the asset insurance policy CCI Policy Servicing (Fast Path: LCM011) page: - New CCI policy issue - Opt in, opt out, cancellation and suspension of the policy
For loan repayment done using the Manage Loan Account (Fast path: LN100) page, collection account as a settlement mode is not supported.	The same can be set up as a periodic credit instruction.
In case multiple human tasks are created for verification process, the task title for all the human tasks appears the same.	
If banker has not captured the mandatory documents for the parties, then on click of Validate or Submit button, system flags (badge) the document panel drawer with red icon. However, once the banker goes to the Documents page, system does not show the red icon on parties for whom mandatory documents have not been collected.	
A user amends an existing credit facility, opens a new loan account, and links a new savings account for principal offset facility to the loan account. After credit assessment, user performs edit submission and adds a new borrower to the existing credit facility. On review and submit, system does not force the user to reconfigure the accounts. This may result in account holder preferences for the new borrower not being defined.	As part of addition of borrower, user has to manually visit the Configure step and reconfigure the accounts.
When an insurance policy is closed with the reference of facility closure transaction reference and the account is being reopened, then the reference of account closure transaction is passed to the insurance module. Hence, insurance module is not able to find the CCI policy with respect to the closure transaction reference.	
The enhancements done for the outbound document functionality such as verification, history and pending alerts capability is not applicable for the US localization Accept Offer task.	
System does not update the new account number in case of rebook CASA transaction scenario within the Transaction Limits configuration at account level.	User is expected to maintain the limits on the new account operationally. In case of a rebooked account, the user can identify the new account number from the non financial logs through Statement Inquiry being performed on the old account.
The Multiple Offers Allowed in Single Application check box is not	

Issue Description	Workaround (If available)
displayed even when Origination workflow behavior is of Liability type. The user will not be able to select multiple offers within a single application.	
Default Agency model changes do not reflect on the Credit Monitor page.	
When a party address type is copied to be the collateral address, during collateral addition, if the Clear button is clicked on that page, the party whose address was copied, remains in the dropdown and does not get cleared.	Deselect the Same as Party's Residential Address check box. This clears the party dropdown. New party can be selected by selecting the check box again.
Currently Sweep-in is triggered only for online transactions. Sweep-in is not triggered for future dated funds transfer which are executed as part of a batch.	
Credit memorandum is not indexed with a truncated application ID while the e-sign disclosure is indexed with both truncated as well as full application ID. Inquiry with only truncated application ID fetches only e-sign disclosure.	
Adhoc inbound document upload does not support capture of document expiry date for documents for which expiry is configured.	
In the holiday rule maintenance for calendars, the Specific Dates option does not work (For example, 4th July every year or 3rd Saturday of November).	
If uncapitalized LMI / fees are present in the submission and if there is change to LMI premium / fees in Structure Solution task, then system should not force the user to reconfigure the account. However, currently system is forcing the user to reconfigure the account which is incorrect. Additionally, system allows the user to complete Structure Solution task even though the funds table is in deficit balance due to change in LMI premium.	This validation is correct if LMI / fees are capitalized. No workaround if the LMI / fees are not capitalized.
Only one multi-value fact can be used for defining rules as part of Rule Author framework.	
For the Debit to Loan settlement mode, even if the account in reference has multiple owners (joint holders), the list of loan accounts is fetched only where the primary holder of the reference account is an owner.	
The data captured in the Collateral stage of the Application Form during an In Principle Approval (IPA) flow is the same as done during the full application.	
The rate lock document does not display the role of the parties in the account such as Single Owner, Joint Owner, Guarantor, and so on.	
During generation of quote, if the bill date falls on a holiday, it is picked up on the next working day and is treated as a backdated transaction. Hence, incorrect amount is being picked up for interest computation.	
The Quick Action link in Application Tracker shows the Offer Letter	

Issue Description	Workaround (If available)
actions that cannot be completed from Application Tracker.	
System supports negotiation of funds table in settlement task. The banker also has an option to only open the account or even skip settlement. However, system does not validate if fee negotiations are approved, in case the banker chooses to skip the settlement or chooses to only open the account. The banker can visually identify that a negotiation is done based on status at facility level and has to operationally send the negotiations for approval before doing the action of creating account or skipping settlement.	
There is data refresh issue on the UI, when the Cancel button is clicked while adding a second row in the Add Machinery summary grid.	
For Equipment Finance Lease, system is creating a lien under Term Deposit collateral for the market value of Term Deposit, instead of creating it for the amount available after deducting existing liens.	