Oracle® Banking Origination
Release Notes

Release 14.7.5.0.0

G18602-02

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ORACLE®

Oracle Banking Origination Release Notes, Release 14.7.5.0.0

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Preface

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

Acronyms	Description
OBO	Oracle Banking Origination
ACH	Automated Clearing House
CFPM	Credit Facility Process Management
KYC	Know Your Customer
TIN	Tax Identification Number

Table 1   (Cont.) Acronyms

Acronyms	Description
MLA	Military Lending Act
APR	Annual Percentage Rate
MAPR	Military Annual Percentage Rate
OBDX	Oracle Banking Digital Experience

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.

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Release Highlights

This topic lists the highlights of release enhancements.

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.

- Enhancement of Applicant data.
- Relationship pricing related enhancement.
- State Code related enhancement.
- Loan assessment details data segment view for INSTA personal loan.
- Document Generation and Document Acceptance for Current Account, Savings Account and Term Deposit.
- Notices & disclosures for current account, savings account and term deposit.
- Enhancement in search filter for customer category.

Features for US Region

- Enhancement of tax status for applicants.
- Service member functionality related enhancement.
- Document Generation and Document Acceptance for Current Account, Savings Account and Term Deposit.

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Release Enhancements

This topic describes on the release enhancements.

The following are enhancements developed in this release:

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

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

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

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

2.1 Functional Features

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

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.

Relationship pricing related enhancement

- Ability to call lending host system and receive Relationship Pricing Benefit margin for loan applications for existing customers.

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

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.

Loan Assessment details data segment view for Insta Personal Loan

- Oracle Banking Origination users should be able to view the loan assessment details while processing an Insta PL, allowing them to understand the factors behind loan approval or rejection.

Document Generation and Document Acceptance for Current Account, Savings Account and Term Deposit.

- Configuration of Document Generation data segment in Offer Issue stage and Document Acceptance data segment in Offer Accept or Reject stage for current account and savings

account with OD process. The document such as Offer Letter will be generated and dispatched and tracked for acceptance as part of these new data segments.

Notices & disclosures for 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 OfferIssue event.

Enhancement in search filter for customer category

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

2.2 Features for US Region

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

Below features are developed for US region:
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**.

Service Member Functionality 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

Document Generation and Document Acceptance for Current Account, Savings Account and Term Deposit

*   Addition of Application Documents stage for US Current Account, Savings Account, and Term 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.

2.3 Integration

This topic explains the integration changes of this release.

DocuSign Integration for e-Signature

*   Addition of DocuSign as a delivery mode for the documents as part of Document Generation and Document Acceptance data segments.

*   Integration with DocuSign APIs for sending the documents for e-signing to the desired list of recipients.

*   Track the status of documents for e-signing and auto upload the signed documents, once recipients have signed the documents.

OBDX API changes

*   Impact for Initial Funding & Finicity Integration

*   Push Notification for specific events.

*   Schedule generation API

2.4 Deprecated Features

This topic explains the deprecated features of this release.

Parent and Guardian data segment is deprecated from 14.7.5.0.0 release

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Components of the Software

This topic explains the change in software components.

- Documents Accompanying the Software
  This topic lists the documents that accompany the software.

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

3.1 Documents Accompanying the Software

This topic lists the documents that accompany the software.

The various documents accompanying the software are as follows:

- Product Release Note and Installer Kit

- User and Installation manuals

3.2 Software Components

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

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

- Service and API Components

- UI Components

- Database objects which include tables, sequences and seed data

- Configuration files used for deployment

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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 8.6 (x86 64 Bit)	Oracle WebLogic Server	14.1.1.0.0 + Patch **28186730, **34686388, & **35778900
				Java HotSpot (TM) JDK (with WebLogic Application Server)	Oracle JDK 11.0.16
		Database Server	Oracle Linux Server 8.6 (x86 64 Bit)	Oracle Database 19c Enterprise Edition Release	19.18.0.0.0
		Message Broker	Oracle Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.7.0
				Apache ZooKeeper (Embedded with Kafka)	

**28186730 - Patch to upgrade the Opatch version to 13.9.4.2.14

**34686388 - Patch was applied to resolve security vulnerability CVE-2020-14882 that allows remote users to circumvent the authentication in the administrator console component.

**35778900 - Patch required for plato-coherence-server deployment.Deployment of 14.7.1 binaries to be done on Java Runtime 11.0.16

> **✏ 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	v15.1.8

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Third-Party Software

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

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

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