Oracle Banking Branch
Release Notes

Release 14.7.1.0.0

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Oracle Banking Branch Release Notes, Release 14.7.1.0.0

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Preface

Background

Oracle Banking Branch is a retail banking application that handles the retail branch operations including both branch and customer transactions. This application also helps Teller to get the 360-degree view of the Customer while performing the Customer transactions. This application enables to provide better customer-focused services as well as cross-sell and up-sell the other products and services of the bank. Oracle Banking Branch is Oracle Javascript Extension Toolkit based front-end and facilitates the processing of several types of transactions that includes Branch transactions, Customer Cash Transactions, Cheques and Remittances, Loan Payments, Credit Card Payments, and Account Servicing transactions with rich user experience.

- Purpose
- Audience
- Conventions
- List of Topics

Purpose

The purpose of this Release Note is to propagate the features of Oracle Banking Branch 14.7.1.0.0.

Audience

This guide is intended for the following audience:

- Customers
- Partners

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.

Convention	Meaning
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

List of Topics

This guide is organized as follows:

Table 1   List of Topics

Topics	Description
Release Notes	This topic provides the information on the release enhancements for Oracle Banking Branch.
Components of the Software	This topic consists of the technology pre-requisites required for Oracle Banking Branch.
Environment Details	This topic provides the information on the environment details for Oracle Banking Branch.
Third-Party Software	This topic provides the information on licensing of third-party software that are packaged with Oracle Banking Branch.

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Release Notes

The release notes contain the details of the new features that are part of the Release 14.7.1.0.0.

- Release Highlights
  Oracle Banking Branch 14.7.1.0.0 offers a comprehensive standalone solution for retail branch operations.

- Release Enhancements
  The enhancements for this release are as follows:

- Deprecated Features in Teller
  The following are the deprecations as a part of Teller in upcoming release:

- Platform Changes
  This topics describes about the platform changes.

1.1 Release Highlights

Oracle Banking Branch 14.7.1.0.0 offers a comprehensive standalone solution for retail branch operations.

Following are the features included in the release along with forward porting of applicable fixes related to the incidences reported in previous versions.

- Enhancements in Account Services

- Enhancements in Party Services

- Enhancements in Loan Services

- Enhancements in Deposit Services

- Enhancements in Teller

- Deprecated Features in Teller

- Platform Changes

This release also focused on technical qualification to comply with approved Tech Stack along with data privacy features.

1.2 Release Enhancements

The enhancements for this release are as follows:

- Enhancements in Account Services
  Oracle Banking Branch initiates the request and handoff to FLEXCUBE Universal Banking for further verification and processing.

- Enhancements in Party Services
  The following are the enhancements as a part of Party in this release:

- **Enhancements in Loan Servicing**
  Oracle Banking Branch initiates the request and handoff to FLEXCUBE Universal Banking for further verification and processing.

- **Enhancements in Deposit Servicing**
  The following screens are enhanced as a part of Deposit Services in this release:

- **Enhancements in Teller**
  The following are the updates as a part of Teller in this release:

1.2.1 Enhancements in Account Services

Oracle Banking Branch initiates the request and handoff to FLEXCUBE Universal Banking for further verification and processing.

The following screen is added as a part of CASA Services in this release:

Table 1-1   Enhancements in Account Services

S.No	Topic	Description
1	**Stop Cheque Payment**	This screen has been enhanced to include an Effective Date and an Expiry Date. Using these date fields users can decide when a stop cheque-payment instruction should start and expire respectively.
2	**Account Preferences**	This screen has been introduced to allow the bank user to view and modify account preferences such as ATM facility, Cheque Book Facility, banking channels, etc., based on the Account holder's request.
3	**Account Transaction**	This screen has been enhanced to display the Audit details for a particular transaction as well as transaction details such as transaction branch, account branch and name, opposite leg of the transaction, LCY, FCY and exchange rate of the transaction.
4	**Servicing Charges**	Online service charges configuration has been enabled for Account Address Update, Activate Dormant Account, Cheque Book Request, Cheque Book Status, and Stop Cheque Payment screens.

Table 1-1   (Cont.) Enhancements in Account Services

S.No	Topic	Description
5	**Enhancement to existing screens**	The enhancements are as follows: • **Activate Dormant Account**: **Dormant Since** and **Activate Account** fields are hidden when the account status is **Active**. They are displayed only when the account status is **Inactive**. • **Account Documents Update**: UI enhancements made to improve the usability and look and feel of the screen. • **View and Modify Scheduled Transfer**: Screen enhanced to support creation of a new standing instruction from the View and Modify screen. • **Sweep Into /Sweep Out from Account**: Screen enhanced to support creation of frequency based sweep-in and sweep-out instruction from the existing daily sweep execution. • **Account 360**: Widgets have been made configurable so that users can use drag and drop feature to reconfigure. • **Nominee Update**: New fields have been added this screen to enable comprehensive data capture of nominee details, relationship type, defaulting of communication address, and contact details when Customer ID is chosen to update Guardian details. • **Adhoc Account Statement**: This screen has been enhanced to allow user to select different periods for statement generation. Statement period has been enhanced to include the current month transactions as well. • **Joint Holder**: This screen has been enhanced to display the Primary Account holder's customer number and name. Additional UI changes have been made to improve usability.

1.2.2 Enhancements in Party Services

The following are the enhancements as a part of Party in this release:

Table 1-2   Enhancements in Party Services

Summary	Description
Mandatory and Minimum Address Configuration	New address configuration to define: • Mandatory addresses required during party onboarding and amendment process. • Minimum address history required for an address type. **Note:** Mandatory address can be defined for all different party type. Minimum address history is supported only for Retail and SMB party types.
Current Address and Previous Address	Address data segment is divided into 2 separate data segments for Current Address and Previous Address.
Contact Details	A new data segment is introduced in Retail and SMB party workflows to capture contact details separately. Following contact types can be captured in contact details data segment. • Mobile • Phone • Email • Fax • Swift
Mandatory to Optional Fields	Following fields are updated as optional in product for Retail party. However, the same are configured for US and RoW using regional configurator. • Gender • Birth Country • Nationality • Customer Category • Risk Level • ID Details – Place of Issue • ID Details – Valid Till • ID Details – Valid From

Table 1-2   (Cont.) Enhancements in Party Services

Summary	Description
Adoption of Regional Framework	Party Management adopted Plato provided regional configuration to configure as per regional requirement. • Mandatory/Optional Fields • Visible/Hidden Fields • Default field values • Field formats • Field labels
SMB Entity Type and Line of Business	Introduction of new fields to capture Entity Type and Line of Business for SMB Party type.
Party Type in Entity Maintenance	Party type is introduced in Entity Maintenance to define different values with respect to party type.

1.2.3 Enhancements in Loan Servicing

Oracle Banking Branch initiates the request and handoff to FLEXCUBE Universal Banking for further verification and processing.

The following screens are introduced as a part of Loan Service in this release:

Table 1-3   Enhancements in Loan Servicing

Sr.No	Topic	Description
1	Transaction View & Reversal – New Screen	This screen allows the user to view the list of transaction details performed on a loan account. User will also be able to reverse eligible transactions.
2	Renegotiation Tenor – New field Maturity Date	This enhancement allows the maker to directly select a new maturity date from a calendar.
3	Advices Function	This function helps the maker to generate an acknowledgement to get a confirmation from the customer. Currently, this function is available in **Loan Disbursement** screen.
4	Documents Function	This function helps the user to capture relevant documents while performing a transaction. Currently, this function is available in **Loan Activation** screen.
5	Change Log Function	This function helps the checker to quickly understand what all values or data have been modified by the maker.
6	Delete Function	This function allows the user to delete a Servicing transaction either placed on **Save & Close** or when rejected by the checker.
7	Disbursement Enhancement	In Loan Disbursement screen, two new fields **Rolled Over** and **Additional Principal** would be displayed when a loan account of manual disbursement product is created through consolidated rollover function.

1.2.4 Enhancements in Deposit Servicing

The following screens are enhanced as a part of Deposit Services in this release:

Table 1-4   Enhancements in Deposit Services

S.No	Topic	Description
1	**Joint Holder Maintenance for TD Accounts**	This screen is introduced to view, add, modify, or delete the joint holder details of Term Deposit account.
2	**Nominee Details Update for TD Accounts**	This screen is introduced to view, add, modify or delete the nominee details of Term Deposit account.
3	**Joint Holder Maintenance for RD Accounts**	This screen is introduced to view, for add, modify or delete the joint holder details of Recurring Deposit account.
4	**Nominee Details Update for RD Accounts**	This screen is introduced to view, add, modify or delete the nominee details of Recurring Deposit account.
5	**Change Log**	Introduced change log for TD payout modification, TD Account Modification, RD Payout Modification, and RD Account modification screens.
6	**Enhancement to existing screens**	The enhancements are as follows: 1. TD and CASA account number field changed to List of Value (LOV) field. 2. TD Servicing transactions are validated with the host system and errors or override messages are displayed to the user during Initiation as well as Approval stages. 3. Introduced dynamic task allocation for approval reject and approval failure. 4. New field **Debit/Credit** is introduced in the Audit screen to indicate the transaction entry. 5. Screen names and process names in Tasks screen have been updated for TD and RD screens. 6. TD and RD account opening screen enhanced to display the account number on successful creation of TD or RD Accounts. 7. Introduced Delete operation for TD and RD servicing transactions.

1.2.5 Enhancements in Teller

The following are the updates as a part of Teller in this release:

- **Merger of Micro Services**: Following micro services are merged and bundled as 2 micro services application. This would reduce interservice calls during Teller transaction processing.
  Old Micro Services

  - obremo-srv-adp-adapter-services

  - obremo-srv-bcn-branchcommon-services

  - obremo-srv-cas-cash-services

  - obremo-srv-cmn-ml-processing

    –   obremo-srv-cmn-transaction-services

    –   obremo-srv-cmn-utils-services

    –   obremo-srv-cus-customer-services

    –   obremo-srv-pay-payment-services

    –   obremo-srv-prj-projection-services

    –   obremo-srv-tds-term-deposit-services

New Micro Services

    –   obremo-srv-branch-teller-services

    –   obremo-srv-brntlr-async-services

- **Enhancement in Transaction Screens**: Enhancement is done to display the transaction reference number in the transaction screens.

- **Invoke EOD**: When the teller invokes EOD, an alert message will be displayed for acceptance to proceed with the EOD. The pop-up screen displays an alert message as `Invoke EOD will be run for Branch Code (Branch Description) <> for Date <>, Next Working Date will be <>. Do You want to continue?.`

- **Charge Modification and Waiver**:

  - **Charge Modification**: The charge amount can be modified if enabled in **Function Code Preferences** screen. User modified charge amount will be validated against the minimum and maximum charge amount configured at the **Charge Maintenance** screen. When an individual charge amount is modified, then the system will recalculate all the dependent charges as per the charge maintenance set-up.

  - **Waiver**: When the charge waiver is enabled, the value under the charge amount will be waived and no charge accounting entries will be passed. However, the charge amount will remain as is and not be defaulted to zero. Charge waiver can be enabled at individual charge levels without impacting other linked charges. The minimum charge amount configured at the charge maintenance level, will not be validated when the charge is waived.

- **Two-Step Completion of Transactions**: Earlier, when the maker makes the transaction and the checker approves it, the transaction goes to the maker to submit again to complete the transaction. Enhancement is done for teller transactions to get completed once the checker approves the transaction. The earlier flow of transactions was maker-checker-maker. The revised transaction flow is maker-checker.
To enable two-step authorization process, maintain the value as **Y** in the FINISHTXN_ON_APP parameter in the **SRV_TM_BC_PARAM_DTLS** table.

- **Support for Reversal in Remittance Issue**: Cash Remittance Issue Transactions can be reversed from Electronic Journal or Servicing Journal by enabling Reversal Allowed in Function Code Definition.

- **Multi BC**: Enhancement is done in the **Multi BC Issuance** screen to issue multiple bankers cheque against multiple beneficiaries for a single remitter account or against Cash GL for Walk-in customers.

- **Denomination Defaulting based on Configuration**: The denomination details will be auto populated by default in the withdrawal transaction screens. If the user maintains a value as 'N' in the `DEF_DEN_FR_WTDWL` parameter in the SRV_TM_BC_PARAM_DTLS table, the auto population of denomination details will be disabled. With this maintenance, the Teller can update the denomination based on the customer's request.

- **Instrument Status Update Screen**: This screen is used to change the status of instrument numbers from 'Used' to 'Unused'. Using this screen, the instruments can be reused.
- **Coherence Adoption**: Implemented remote caching solution for static/dynamic data using Oracle Coherence.

1.3 Deprecated Features in Teller

The following are the deprecations as a part of Teller in upcoming release:

Table 1-5   Deprecations in Teller

Teller Menu Screen Name	Alternate Screen Name	Alternate System
Account Balance Inquiry	Account Balance Inquiry	Branch Servicing
Account Statement Req	Ad hoc Account Statement	Branch Servicing
Cheque Book Request	Cheque Book Request	Branch Servicing
Cheque Status Inquiry	Cheque Status Inquiry	Branch Servicing
Account Address Update	Account Address Update	Branch Servicing
Stop Cheque Request	Stop Cheque Payment	Branch Servicing
Stop Card Request	Card Status Change	Branch Servicing
Cheque Book Status Change	Cheque Book Status	Branch Servicing
TD Account Opening (Account Option)	TD Account Opening	Branch Servicing
TD Redemption - Account	TD Redemption	Branch Servicing
TD Topup - Account	TD Top-Up	Branch Servicing

1.4 Platform Changes

This topics describes about the platform changes.

UX-UI Components Standardization
Traditional ALTA theme replaced with Redwood theme:

- The Oracle Redwood user experience has been implemented across all the screens in Oracle Banking Branch appshell to provide a consistent and more effective user experience to drive efficiency.

- This implementation has no effect on any functionality. Few more details listed below as Redwood comes into play:

  1. Inline styling in HTML has been deprecated.

  2. Custom classes for font-size, font-color, padding, margin, bg-color, heading, etc. on component level are deprecated, instead CSS utility classes are being used.

  3. Images are no longer used for icons.

  4. Libraries like lux, moment js, math js, jszip, timsort are deprecated.

Date Format Change:

- Date format change has been implemented across all the screens in Oracle Banking Branch.

Database Upgrade

As part of this release, the database version for Oracle Database 19c Enterprise Edition Release is upgraded to 19.18.0.0.0.

Oracle Java JDK

Deployment of 14.7.1 binaries to be done on Java Runtime 11.0.16.

API Gateway Router

Zuul replaced with spring-cloud-gateway, for more information refer to the **Oracle Banking API Security Guide**.

2
Components of the Software

The components of the software are covered in this chapter.

- Documents Accompanying the Software
  The various documents accompanying the software are as follows:

- Software Components
  Software Components of Oracle Banking Branch 14.7.1.0.0 that are part of this release are as follows:

2.1 Documents Accompanying the Software

The various documents accompanying the software are as follows:

- Product Release Notes
- Installation Guides
- User Guides

2.2 Software Components

Software Components of Oracle Banking Branch 14.7.1.0.0 that are part of this release are as follows:

Host:

- Service Components
- User Interface (UI) Components like OJET
- Tables, Sequences, Static Data
- Advices
- Configuration files used for deployment
- Conductor based process flows
- Oracle Digital Assistance (ODA) related Skills and Digital Assistance

3
Environment Details

The Tech Stack details of Oracle Banking Branch are covered in this topic.

Table 3-1   Tech Stack – Oracle Banking Branch

Component	Machine	Operating System	Software	Version Number
Oracle Banking Branch	Application Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle WebLogic	14.1.1.0.0
			Java HotSpot (TM) JDK (with WebLogic Application Server)	JDK 11.0.16
	Database Server	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle RDBMS Enterprise Edition	19.18.0.0.0
	Build Tool	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Gradle	6.8.3
	UI	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Oracle JET	v13.0.0
	Message Broker	Oracle Enterprise Linux Server 8.3 (x86 64 Bit)	Apache Kafka	2.13-3.4.0
			Apache ZooKeeper	3.6.3

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

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

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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 to the Oracle Banking Branch License Guide.

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