Patch Release Notes
Oracle FLEXCUBE Universal Banking
Release 14.5.3.0.0
Part Number: F50379-01
[November] [2021]

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Financial Services

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1. Release Notes

1.1 <u>Background</u>

Oracle Financial Services Software Limited has developed Oracle FLEXCUBE Universal Banking, which enable banks to create a distributed network of branches for effective marketing and efficient handling of customer transactions.

1.2 <u>Purpose</u>

The purpose of this Release Note is to portray the enhancements completed in Oracle FLEXCUBE Universal Banking 14.5.3.0.0.

1.3 <u>Patch Requirements</u>

Customers installing this release should refer to 14.5_Patchset_Deployment_Guidelines.docx and 14.5.3.0.0 Java Services Deployment Guidelines.docx included in the Patch Release zip file. Confirm this patch release applied after applications of previous patch releases up to 14.5.2.0.0 completed successfully.

1.4 <u>Applying the Patch Release</u>

A patch release is an official Oracle patch release for Oracle FLEXCUBE Universal Banking. The third digit in a patch release string indicates the patch release number for innovation stream. For example, release 14.5.1.0.0 is the first patch for Release 14.5.0.0.0 each patch release includes libraries and files that have been rebuilt to implement one or more fixes. Each patch release is incremental. In other words, the latest patch release includes new fixes released after last patch released for the same release.

Customers installing this patch release should refer to the "Installation Guide" chapter in the Oracle FLEXCUBE Universal Banking Release 14.5 Install and Upgrade Guide, which is available here: https://docs.oracle.com/cd/F42208_01/install.htm

Customers installing this patch release should refer to the Readme, Patch set and Java Services deployment guides included in the Patch Release zip file

1.5 <u>Release Highlights</u>

The rationale for the product release of Oracle FLEXCUBE Universal Banking version 14.5.3.0.0 is to support regulatory requirement and enhance features that are essential in competitive market.

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

- Product Entitlement for Customer Account
- Replication of data from FLEXCUBE to Common Core
- Common core entity replication to Oracle Banking Micro services Architecture Common core
- 16 Decimal support for Amounts
- Qualification on Oracle Database 19.12.0.0.0
- Issues/Bugs addressed for the product
- LATAM Localization Changes

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1.5.1 Product Entitlement for a Customer Account

Product entitlement is a feature introduced to provide facilities to customer accounts that are tailored to their requirements. This feature is proved by the way of an entitlement group. This group is currently available for Payments and Branch functionality.

A customer account would have an entitlement group attached for Payment and another entitlement group attached for Branch functionality. Based on the entitlement group, specific services and facilities would be provided to the account. To enable this functionality, following changes have been done

- In Common Core, a new entitlement group maintenance has been created. Using this maintenance, entitlement group codes and descriptions can be maintained for Payment and Branch Functionalities. This list of entitlement group codes would appear as "List of Values" at the time of opening or editing a customer account.

- In FCUBS, at the time of account opening or at the time of editing an existing account, the entitlement groups created can be attached to the account or an existing entitlement group can be changed. On authorization, the entitlement group maintained for the account is replicated to the external customer account maintenance in common core.

- In Common Core, external account maintenance has been enhanced to receive and store the replicated entitlement group from FCUBS.

- Respective product processors i.e. Payments or Branch, would consume the entitlement group maintained for an account and would provide the services/facilities as defined within their system.

1.5.2 Replication of data from FLEXCUBE to Common Core

Replication of date from

- Customer Maintenance(Staff Flag) to External Customer
- Chart of Account maintenance (Posting restriction) to External Chart of Account

1.5.3 Common core entity replication to Oracle Banking Micro services Architecture Common core (phase 2)

- Scheduler changes for the following entities which were part of phase 1(14.5.2.0.0) has been completed
  - Currency definition
  - Currency pair definition
  - Currency Holiday
  - Exchange rate
  - Local holiday
  - Rate type
- Replication feature for Common core Branch parameter from ODT core to OBMA core is introduced.
- Replication request will get logged post authorized in common core based on the preference selected

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- Error Queue screen for re submit of replication request
  - Error queue screen is introduced for verification of replication request status and also to re-submit request for failure and time out.

1.5.4 Currency maintenance Changes

- The currency maintenance has been enhanced to support 16 decimal digits, which will be will be applicable for account balance and account transactions.

1.5.5 Qualification on Oracle Database 19.12.0.0.0

- Oracle FLEXCUBE Universal Banking 14.5.3.0.0 product has been qualified on Oracle Database version 19.12.0.0.0

1.5.6 Issues/Bugs Addressed for the Product

- Please refer FLEXCUBE Bug list for details.

1.5.7 LATAM Localization Changes

Featured changes as part of LATAM localization has been introduced which are mentioned as under;

- Withdrawal eligibility for interest
  - Calculation of interest for accounts whose number of withdrawals for the liquidation period is within the configured limit at account class level.
- Minimum Balance for Interest Calculation
  - Restrict interest calculation for Current Accounts whose monthly average balance is less than amount specified at account class level.
- Marginal Cost of Funds Based Rate (MCR)
  - Applying of interest rates to calculate overdraft interest amount on Current Account, Cover Account based on the rates maintained at IC rate, Special Condition rate and MCR and the expiry date of the line.
- Interest calculation on overdraft utilization
  - Calculation of debit interest on agreed overdraft availed by the Customer which will be applied on daily utilized amount, calculated and liquidated in account currency.
- Readjustment – Customer Accounts
  - Supporting Principal readjustment of Customer Accounts in Index Currency.
- Term Deposit Advice
  - Term Deposit Advice Format (ICCOD) enhanced to include additional tags.
- Term Deposit Custody Status
  - Capture and display Custody Status and its change history.
- Term Deposit Print Reversal
  - Reversal of Custody Status of the Term Deposit contract to its previous status upon print reversal.

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2. Deprecated Features

NA

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3. Components of the Software

- For information on the Components of the Software, refer Oracle FLEXCUBE Universal Banking 14.5.0.0.0 release notes section 3.

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4. Tech Stack

- For information on the Tech Stack, refer Oracle FLEXCUBE Universal Banking 14.5.0.0.0 release notes section 4.

- Additional to tech stack of Oracle FLEXCUBE Universal Banking 14.5.0.0.0 the database version Oracle Database 19.12.0.0.0 need be used for database server.

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5. Third Party Software Details

- For information on the third party software details, refer Oracle FLEXCUBE Universal Banking 14.5.0.0.0 License Guide

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