

Innovation Line - Release Notes
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1. Understanding Patch Releases

A patch release is an official Oracle patch release for Oracle Banking Products. For Innovation Patch set releases, the third digit will increment for each patch set. For example, Release 14.5.1.0.0 is the first Innovation line patch for Release on 14.5. Each patch release includes libraries and files that have been rebuilt to implement one or more fixes. Each Innovation patch release is incremental. In other words, the latest Innovation patch release includes new enhancements, fixes released after last Innovation patch released for the same release.

2. Patch Requirements

Customers installing this release should refer to 14.5_Patchset_Deployment_Guidelines.docx and 14.5.1.0.0 Java Services Deployment Guidelines.docx included in the Patch Release zip file. Innovation patch set releases starts from 14.5.1.0.0. For the first Innovation patch set, the prerequisite is to apply the main release successfully.

3. Applying the Patch Release

Customers installing this patch release should refer to the "Installation Guide" chapter in the Oracle Banking Treasury Management Release 14.5.0.0.0 Install and Upgrade Guide, which is available here:

https://docs.oracle.com/cd/F43223_01/install.htm

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

4. Abbreviations and Acronyms

Abbreviation	Description
OBTR	Oracle Banking Treasury Management
OBELCM	Oracle Banking Enterprise Limits and collateral Management
EBR	Edition Based Redefinition
SGEN	Settlement Message
LOV	List of Values
BOD	Beginning of Day

5. Module Code and Description

Module Code	Module Description
FX	Foreign Exchange
MM	Money market
SE	Securities
DV	Derivatives
ED	Exchange Traded Derivatives
OT	Over The Counter Derivatives
ID	Islamic Derivatives
MC	Islamic Money Markets
SR	Securities Repo and Reverse Repo

6. Enhancements

6.1 Zero Down Time Patching Using EBR – Phase 1

Whenever a patch set/upgrade is to be installed, it requires the application to be taken offline and users cannot logon or work for the duration of patch set application/upgrade.

The concept of zero down time is that the application must be available for users even when a patch set or upgrade is in progress.

Oracle provides for an approach of Edition Based Redefinition (EBR), using which it is possible to make the application available even during patch set application/upgrade.

As part of this release we have prepared the base for zero down time. This involved renaming of all existing data stores and introduction of edition based views in place of these data stores.

With these changes it would be possible to apply subsequent patches with zero down time, but will involve few manual installation/deployment steps. In phase 2 of zero down time changes scheduled for subsequent patch-set we would be automating some of these steps via installer.

6.2 OBTR-FCUBS Relationship Pricing Integration

System is enhanced to integrate OBTR with FCUBS for picking Relationship Pricing for Foreign Exchange (FX) and Money Market (MM) modules.

6.3 External LOV for Line Code Fetch

System is enhanced to fetch only the line codes from OBELCM, which are defined as global, using External LOV concept for FX, MM, OT, DV, SE, and SR modules.

6.4 Repo – Allowing Trades Based on Expected Holdings

Introduced an Intraday Batch to Initiate Repo/Reverse Repo contracts that could not be initiated during BOD process on the value date of the contract for SR module.

6.5 Settlement Message (SGEN) generation for ETD, OT, SE, and SR Modules

Enabled Settlement Message (SGEN) generation for the below events in the below modules.

- Securities
 - MSTL – Money settlement for Securities Deals
 - CPCD – Coupon collection
 - DVCD – Dividend collection
- Repo
 - INIT – Contract Initiation
 - LIQD – Liquidation
 - ROLL – Rollover of contract
 - VAMI – Value dated Amendment Initiation
 - CMPY – Cash Margin Pay
 - CMRV – Cash Margin Receive
- Exchange Traded Derivatives
 - MTOP – Margin Top-up
 - MREF – Margin Refund
- Options
 - KIST/KNST – Knock-In/Knock-out Settlement

6.6 Triggering ETD Batch (Manually) During the Day

Enabled batch process for Exchange traded Derivatives (EDDBATCH) to be executed during the day.

- Introduced the parameters to be available for user to execute the batch only for the baskets filtered for the parameters specified.

6.7 Collateral Agreements and Net Margin Call

Enabled Net Margin Call Processing for Repo and Reverse Repo contracts using Master Agreements for Collateral in SR module.

- Introduced Agreement subsystem for the Deal while booking.
- Margin calls can be triggered for the Net Margin requirements for all deals linked to the same agreement.
- Security deals or Block deals created for Net Margin calls would be linked only to the Agreement.
- During Liquidation of deals, only the base collateral linked to the deal would be automatically returned.

6.8 RFR Related Enhancements

6.8.1 RFR Min – Max Rate

System enhanced to limit RFR rate to minimum and maximum floating rate defined at product level MM, DV, SE, and SR modules.

6.8.2 RFR Performance Changes

Performance changes done to decrease processing time of RFR contracts, both online and during EOD in MM, OT, DV, SE, SR, MC, and ID modules.

6.8.3 RFR SE Linked Deal from SR Contract

System enhanced to internally create a RFR linked securities deal during booking of a repo or reverse repo RFR contract in SR module.

6.8.4 Combination of RFR Methods Lookback, Lockout Period and Payment Delay Methods

System enhanced to use three RFR methods i.e. Lookback, Lockout period and payment delay together on a contract/deal in MM, DV, SE, SR, MC, and ID.

6.8.5 Rate Compounding Methods and RFR Rounding Units for Islamic Modules (MC, ID)

System enhanced to support Rate compounding methods and RFR rounding units for Islamic modules as applicable.