Patch Release Notes

Oracle Financial Services Lending and Leasing

Patch Release 14.10.0.0.x

Part No. F35490-01

December 2023

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# 1. Revision History

| Patch # | Release Date | Description |
|---|---|---|
| 14.10.0.0.1 | February 2021 | This patch release consists of a statement enhancements with new fields addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.1' section for details. |
| 14.10.0.0.2 | March 2021 | This patch release consists of enhancements on webhook configuration and cure letter changes along with 45 retro bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.2' section for details. |
| 14.10.0.0.3 | April 2021 | This patch release consists of enhancements on DBMS_JOB_SCHEDULER changes along with 25 bugs (18 new, 5 retro and 3 Chabot related bugs) addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.3' section for details. |
| 14.10.0.0.4 | May 2021 | This patch release consists of16 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.4' section for details. |
| 14.10.0.0.5 | May 2021<br><br>*Revision 1: Added missing Hotfix bugs and enhancements in June.* | This patch release consists of 2 enhancements on new batch jobs for RIC and TCF along with 17 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.5' section for details. |
| 14.10.0.0.6 | June 2021 | This patch release consists of 21 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.6' section for details. |
| 14.10.0.0.7 | July 2021 | This patch release consists of an enhancement on 'Discrepancies In Reschedule Billing Cycle Transaction' along with 23 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.7' section for details. |
| 14.10.0.0.8 | August 2021 | This patch release consists of two enhancements along with 67 bugs (8 new and 59 retro bugs) addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.8' section for details. |
| 14.10.0.0.9 | October 2021 | This patch release consists of 27 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.9' section for details. |
| 14.10.0.0.10 | November 2021 | This patch release consists of 24 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.10' section for details. |

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|---|---|---|
| 14.10.0.0.11 | November 2021 | This patch release consists of 10 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.11' section for details. |
| 14.10.0.0.12 | December 2021 | This patch release consists of 7 enhancements and 15 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.12' section for details. |
| 14.10.0.0.13 | February 2022 | This patch release consists of 16 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.13' section for details. |
| 14.10.0.0.14 | March 2022 | This patch release consists of 3 enhancements on BIP reports, Events framework changes, and Asset Points calculation along with 30 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.14' section for details. |
| 14.10.0.0.15 | May 2022 | This patch release consists of 4 enhancements along with 30 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.15' section for details. |
| 14.10.0.0.16 | June 2022<br><br>*Amendment - Removed bug 34232985* | This patch release consists of 2 enhancements on 'NSF on Master Account (Phase II)' and 'Backdate Pre Bill Days Maintenance Transaction' along with 18 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.16' section for details. |
| 14.10.0.0.17 | June 2022 | This patch release consists of an enhancement on Partial Credit Refund along with 16 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.17' section for details. |
| 14.10.0.0.18 | August 2022 | This patch release consists of 3 enhancements along with 57 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.18' section for details. |
| 14.10.0.0.19 | September 2022 | This patch release consists of 12 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.19' section for details. |
| 14.10.0.0.20 | September 2022 | This patch release consists of 19 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.20' section for details. |
| 14.10.0.0.21 | October 2022 | This patch release consists of 20 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.21' section for details. |
| 14.10.0.0.22 | December 2022 | This patch release consists of 14 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.22' section for details. |

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| 14.10.0.0.23 | January 2023 | This patch release consists of 11 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.23' section for details. |
|---|---|---|
| 14.10.0.0.24 | February 2023 | This patch release consists of 6 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.24' section for details. |
| 14.10.0.0.25 | March 2023<br><br>*Revision 1: April 2023, added a Metro II bug 34461572*<br><br>*Revision 2: April 26th Moved bug 35008946 to PS 26 list.* | This patch release consists of 13 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.25' section for details. |
| 14.10.0.0.26 | April 2023<br><br>*Revision 1: April 26th Moved bug 35008946 from PS 25 to PS 26 list since the data fix for the bug was re-released.* | This patch release consists of 6 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.26' section for details. |
| 14.10.0.0.27 | July 2023 | This patch release consists two enhancements on 'Metro II Reporting - Non-Auto Rebate reporting changes' along with 16 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.27' section for details. |
| 14.10.0.0.28 | December 2023 | This patch release consists of 5 bugs addressed as part of this patch releases. Refer 'Patch Release 14.10.0.0.28' section for details. |

# 2. Patch Release Notes

## 2.1 Background / Environment

Oracle Financial Services Software Limited has developed Oracle Financial Services Lending and Leasing solution. The suite is a comprehensive, end-to-end solution that supports full lifecycle of direct and indirect consumer lending business with Origination, Servicing and Collections modules. This enables financial institutions to make faster lending decisions, provide better customer service and minimize delinquency rates through a single integrated platform. It addresses each of the lending processes from design through execution. Its robust architecture and use of leading-edge industry standard products ensure almost limitless scalability.

## 2.2 Purpose

The purpose of this Release notes is to highlight the enhancements and bug fixes included as part of each patch which are released post the GA release.

## 2.3 Abbreviations

| Abbreviation | Detailed Description |
|---|---|
| OFSLL | Oracle Financial Services Lending and Leasing |
| XML | Extensible Mark-up Language |
| XSD | XML Schema Definition |
| GL | General Ledger |
| XLF | Extended Log Format |
| JSF | Java Server Faces |
| EAR | Enterprise Application aRchive |
| UI | User Interface |
| LOV | List of Values |

## 2.4 Product Summary

Oracle Financial Services Lending and Leasing Release is built to meet various challenges faced by financial institutions. It addresses each of the lending processes from design through execution. Its unique value lies in its ability to provide the business with predefined processes and a world-class framework that takes care of business risk and compliance needs.

## 2.5 Release Highlights

The key highlight of this patch release is to fix the critical bugs and to enhance the industry specific requirements.

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# 3. Patch Release 14.10.0.0.1

## 3.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | The ODD files in following statements are enhanced with new fields:<br>- Master Customer Statements<br>- Customer Statements<br>- Master Customer Mock Statements. | 'STATEMENT PREFERENCE MODE' and 'CURRENT PAYMENT AMOUNT' fields are provided. |

### 3.1.1 Statements Enhancements

1. Following existing Data File definitions are enhanced to include account 'Statement Preference Mode' and 'Current Payment Amount'.

| SI No | Data File Definition Name | Description |
|-------|---------------------------|-------------|
| 1 | CUSTOMER_BUSINESS_STATEMENT | CUSTOMER/BUSINESS STATEMENT |
| 2 | MASTER_CUSTOMER_BUSINESS_STMT | MASTER CUSTOMER/BUSINESS STATEMENT |
| 3 | MASTER_ACCOUNT_MOCK_STATEMENT | MASTER ACCOUNT CUSTOMER MOCK STATEMENT |

2. Existing batch jobs 'OSTPRC_BJ_100_01' (CUSTOMER STATEMENTS GENERATION), 'OSTPRC_BJ_100_02' (MASTER CUSTOMER STATEMENT GENERATION) and 'OMSPRC_BJ_100_01' (MASTER ACCOUNT CUSTOMER MOCK STATEMENT GENERATION) are enhanced to include account 'Statement Preference Mode' and 'Current Payment Amount'.

3. 'Statement Preference Mode' field is provided in following record types at the end of the file.

   - CUSTOMER RECORD type in CUSTOMER/BUSINESS STATEMENT
   - ACCOUNT RECORD type in MASTER CUSTOMER/BUSINESS STATEMENT
   - ACCOUNT RECORD type in MASTER ACCOUNT CUSTOMER MOCK STATEMENT

4. 'Current Payment Amount' field is provided in following record types at the end of the file.

   - CUSTOMER RECORD type in CUSTOMER/BUSINESS STATEMENT
   - ACCOUNT RECORD type in MASTER ACCOUNT CUSTOMER MOCK STATEMENT
   - ACCOUNT RECORD type in MASTER CUSTOMER/BUSINESS STATEMENT

### 3.1.2 Seed data

| SNO | TABLE | KEY DATA | Type |
|-----|-------|----------|------|
| 1 | LOOKUPS | OMSPRC_EM_100_01 and OSTPRC_EM_100_01 \| OUTPUT_FILE_RECORD_DETAILS | INSERT |

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## 3.2 <u>Seed Data changes for Impacted Bugs</u>

NA

## 3.3  **Patches and Bugs**

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31822533 | SR: 3-23897589201 OCSPMT_EM_100_03 \|\| not giving result when batch BRANCH = ALL | Fix has been provided, exists clause has been modified, added decode statement DECODE (TXN_PCB_BRANCH, 'ALL', AGE.AGE_PCB_BRANCH, TXN_PCB_BRANCH. Now report gets generated when selected for Individual branch or All branch. |
| 32362475 | On deploying 14.10, its noticed that OracleSSLCredential Java Class is INVALID and displays the following error: ORA-29545: class OFSLLHD.oracle/security/ssl/Oracle SSLCredential cannot be resolved because it shadows a classes.bin class.  Such shadowing classes are illegal, useless and should be dropped. | Fix has been provide with a drop statement for the java class and modified the following unit : alt_tb_rel_ofsll_14_10_0_0_1.sql |
| 31752844 | SR:3-23788359101 LSR_WAIVE transaction not available for lease products | Fix has been provided, seed data added to support LSR_WAIVE and LSR_WAIVE_REV. |
| 31879371 | SR: 3-24017308961 OFSLL Batch Report - Request to include the times stamp for Start & End date in the report. | Fix provided, to include time stamp for Start & End date for the OFSLL batch report. |
| 31879339 | SR: 3-24016682521 OFSLL Locbox interface stopped working after the recent patch sets | Fix has been provided, the lockbox bulk file upload interface stopped working because of file type code and same has been corrected from 'lbx' to lockbox. |
| 31813190 | SR: 3-23890760801 ASE_COLLATERAL_TYPE_CD value going as undefined for line assets in migration | Fix has been provided, now for LINE Account, ASE_COLLATERAL_TYPE_CD value is derived based on asset type of the respective account during the batch job MOVE API_XX TO ITABS (ACCDMP_BJ_100_01). |
| 31766832 | SR: 3-23812653661 Account TIP indicator is not updated during migration | Fix has been provided, for line account, changes done to populate the ACC_TIP_IND as 'N' during migration. |
| 31746846 | SR: 3-23772731511 Issue in ITUPRC_BJ_100_02 | Fix has been provided by adding 'tup_id' in where clause so that if one of the 2 transaction on same account fails system marks an error on that transaction alone and doesn't affect the other transaction. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31730733 | SR: 3-23736120521<br><br>User is able to add same existing customer multiple times on same account | Fix provided, to validate transaction code 'cus_exist_add_maint' .If customer already exists then system gives error as "Customer with Customer Number already exists on the account (SYS-SYS-SYS-TNM-002190) |
| 31715989 | SR: 3-23714119711<br><br>Unable to define a criteria where a date data type column is null | While clicking on Check criteria system is adding TO_DATE for date column even when the comparison operator is 'IS' or 'IS NOT' and criteria value is NULL. Because of which it's failing while creating criteria. Fix has been provided to not add TO_DATE function for the date column when comparison operator is 'IS' or 'IS NOT'. |
| 31673568 | SR: 3-23635551881<br><br>credit balances in LOC accounts sent during migration seem to add up and don't look correct | Fix has been provided, such that for LOC accounts, during migration 'ABL_BAL' is set correctly. |
| 31640572 | SR: 3-23583847051<br><br>Issue in mock statement ODD file - record not ordered correctly | Fix has been provided, when the Job Commit Count is checked against ROWNUM condition in the code, the order in which the data gets picked is not picked in order. Hence, it's been handled in the code by removing the condition from the batch job cursor query. |
| 31581123 | Data load performance issue-tables API_IATA_EVW and API_IATK_EVW | Fix provided, two additional index have been identified/created after the last run on 10th which may further improve the performance during data load process. |
| 31054347 | SR: 3-22525742711<br><br>Migration inserting multiple rows in address for multiple customers on the account | Fix has been provided to check dedupe for address, telecom and employments, for Loan, Line and Lease as well. |
| 31842255 | Country code in OOB files | Fix has been provided, changes done to populate Country Code in below OOB files.<br><br>CUSTOMER/BUSINESS STATEMENT<br><br>MASTER ACCOUNT CUSTOMER MOCK STATEMENT<br><br>MASTER CUSTOMER/BUSINESS STATEMENT<br><br>PAID IN FULL LETTER (ODD)<br><br>PAY OFF QUOTE LETTER (ODD) |
| 31730376 | SR: 3-23725893581<br><br>Excess amount above Payoff amount not getting allocated to accounts | Fix has been provided, new payment hierarchy has been created to support payment allocation based on Total Due (incl current due) Ratio. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 31892816 | SR: 3-24063298731<br><br>Please change the cache size of ODD_SEQNUM on SAAS UAT | Fix has been provided, Cache size is increased to 5000. |
| 31795086 | SR: 3-23851711741<br><br>Due Date txn posted twice on assoc. acc when posted from master acc with process masterassoc = Yes | Fix has been provided, now system is posting Due Date change transaction on associated account only once in Customer Service ->Maintenance and Transaction History ->Good Txns. |
| 31937666 | SR: 3-24130483681<br><br>When MAKER CHECKER CRITERIA set up for WAIVE_FLC transaction user is getting an error indicating "Error while generating Stmnt". | Fix has been provided, code changes done to fix transactions with Authorization Indicator 'Y' and transaction is posted in the Customer Service -> Maintenance screen. |
| 31920511 | SR: 3-24100636991<br><br>On trying to reverse a backdated Asset transaction, system reverses and reposts the transactions. But during this process, system re-calculates the bill/fee amount using new asset rate setup. | Fix has been provided by introducing virtual column to hold the reversed bill transaction set ID. This helps to identify proper child transaction using transaction set id and then posts the transaction with same amount. |
| 31917597 | SR: 3-24103659341<br><br>System updating ACC_LTC_RUN_DT_NEXT in a scenario of DDchange when it should not | Fix has been provided to update the ACC_LATE_CHARGE_GRACE_DAYS correctly. |
| 31911474 | SR: 3-24078227221<br><br>While posting manual transaction, the transactions with Authorization<br><br>Indicator 'Y' leads to 'Error while generating Stmnt' | Fix has been provided, code changes done to fix transactions with Authorization Indicator 'Y' and transaction is posted in the Customer Service -> Maintenance screen. |
| 31895275 | SR: 3-24049163141<br><br>When there is an Excess payment on the account, system does not update the balances correctly after the bill generation and calculates the CTD Balances incorrectly during the billing for Line account. | Fix has been provided, modified the code with appropriate changes for system to calculate the CTD Balances correctly during the billing for Line account with excess payment on the account. |
| 31754231 | SR: 3-23764909571<br><br>ACD_PRQ_ID is not updating in contract details table when we create an account via conversion process. | Fix has been provided, code changes done to update the contract details table of acd_prq_id column. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31710383 | SR: 3-23706179531<br><br>On posting the Due Date change/override (DDC_OVERRIDE) transaction on loan account, system does not update the Run Date Next based on either ACC_DUE_DT_NEXT or ACC_DUE_DT1 (in case of backdated DDC) for non-monthly billing cycles like Annually, Semi-annually etc... Also, the same behaviour is expected in Line of Credit accounts for concurrency. | Fix has been provided with code changes to update late charge run date next (acc_ltc_run_dt_next) properly when posting the due date change transaction for non-monthly billing cycle. |
| 31946458 | SR: 3-24152358951<br><br>OTHER DUE in the summary not considering the PAYMENT made towards TAX txn code<br><br>During payment posting, the transaction Sales/Usage tax is not handled properly in the system. | Fix has been provided, changes done to fix the transaction Sales/Usage tax. Now Sales Tax paid is considered in the summary screen also. |
| 31688252 | Products which include Swagger UI in its distribution needs to upgrade to the most recent version. The fix is to be done in accordance with included component security fix process described in third party security bug.<br><br>This mandates the update of Swagger UI (CVE-2019-17495) to at least 3.23.11 version to mitigate the vulnerable component in any supported versions of the product. | Fixes to Swagger UI released (publicly on September 2020) in version 3.23.11 has been implemented.<br><br>Fixes for this is for On-Premise products and is delivered to customers (those in premier or extended support) via CPU.<br><br>**Note**: This security fix is provided for all supported versions of the product. |
| 31121583 | SR: 3-22685812891<br><br>Payment Rating does not update correctly in Extension, Paid Off and Paid Off reversal scenarios. | Fix has been provided, when calling txncrb_en_100_01.set_crb_acc_status_cd before, to be set 'gl_date' for 'Txn_date' in txnmat_en_111_01.maturity_processing package. Now Payment Rating updates correctly in Extension, Paid Off and Paid Off reversal scenarios. |
| 31893119 | SR: 3-24023002491<br><br>Credit Refund generated when there is no over payment on the account | Fix has been provided, actually the CREDIT REFUND manual reversal is not supported by OFSLL. So prepared data fix script for reversing CREDIT REFUND by taking Account Number and Transaction Date as input parameter. However this script is applicable only for the reported accounts. [The root cause analysis is pending] |
| 31893174 | The rules under the CARES Act are complicated and varied but it has to do with how the accounts are reported to the credit bureaus. | Fix has been provided such that, Metro 2 Batch Job is generating the file as per the new Regulator Guidelines. |

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| Bug Id | Bug Description | Fix Description |
|--------|----------------|-----------------|
| 31644664 | SR: 3-23521738111<br><br>System not considering the payment received prior to start date of payment arrangement. | Fix has been provided, removed the 'Validation Payment Arrangement Start date <= transaction date'. Now system updates the Satisfied Indicator as "Y", even payment on the account is before payment arrangement date. |
| 31569793 | SR: 3-23454393069<br><br>For lease and line accounts, the statement ID generated and inserted into statements table misses the logic of padding the digit 9 at the end of it and this resulted in inconsistency between the transaction and statements. | Fix has been provided such that, included the padding logic for LEASE and LINE packages. Now system is including the transaction for which system parameter is set as Y. |
| 31527776 | SR: 3-23372511101<br><br>Incorrect credit refund amount is generated because when a payment is made the full amount of principal remaining was put in the payment allocation even though the amount of the payment was much less than the remaining principal. The account moved to paid off because the balance was zero. When the paid off was reversed the balance stayed at zero and insurance products and finance charges were rebated which ended up with a much higher credit refund than should have been put on the account | Fix provided to post payment allocation with in available balance and also to post the Interest Rebate Transaction when it is required. |
| 31658245 | SR: 3-23308497598<br><br>RIDELINK / Ridelink is not accepting Null as a first or last name. | Fix has been provided such that, code changes made to show the title on Upper case.<br><br>First name and Last name is mandatory in OFSLL, and we cannot override this with basic validation, alternatively user can use "UNDEFINED" in the place of "NULL". |
| 31945800 | SR: 3-24153175281<br><br>It is found that Auto account comments for Review Requests misspelled "FORWARDED" as" Forwaded". | Fix has been provided such that, now system posts "FORWARDED" word correctly for auto account comment for Review Requests. |

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# 4. Patch Release 14.10.0.0.2

## 4.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | Need changes in OFSLL Webhook configuration since system generated JSON block results in wrong calculation of Excess Fair Value. | Change are done in OFSLL Webhook support configurable response attributes using User Defined Table. |
| NA | Cure Letter Generation should be made optional. | Code Changes are done to generate Cure Letter based on new system parameter. |

## 4.2 OFSLL Webhook configuration

OFSLL Webhook support configurable response attributes are defined in User Defined Table. This feature creates new JSON block for each row and inturn results in multiple rows for each itemization value. This is creating difficulty in calculating Excess Fair Value.

### 4.2.1 Solution

Fix has been provided by creating a new view to denormalize Excess Fair Value itemizations as column values.

### 4.2.2 Seed data

NA

## 4.3 Cure Letter Enhancement

Cure Letter Generation should be made optional. At present, if the account delinquency days goes greater than the cure letter generation days, then the cure letter is generated automatically.

### 4.3.1 Solution

Code Changes are done to generate the Cure Letter Generation based on the following system parameter - TPE_SKIP_CURE_LTR_GENERATION.

System generates the Cure Letter only if the value of this system parameter is set to N. If the Parameter is set to Y, then it is considered as cure letter generation is not required.

### 4.3.2 Seed data

NA

## 4.4 Seed Data changes for Impacted Bugs

NA

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## 4.5  <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 31782983 | SR: 3-23828021161<br><br>When trying to enter onetime ACH i.e. using the copy of the ACH record, system displays an error indicating ONETIME ACH RECORD ALREADY EXISTS ERROR. | Fix has been provided such that the Aac_ref_nbr is generated before inserting in java and removed the code Update of Refnbr in package. Now ACH record is copied and able to save the record without error. |
| 31780575 | SR: 3-23827810461<br><br>In Customer Service Summary and Collection Account Details / Customer Information screen, the Summary tab under customer information displays borrower's gender in email address field. | Fix has been provided with UI changes such that email ID is showing correctly for all applicant in 'Customer Service > Summary, Customer details and Collection Summary screen. |
| 31778088 | SR: 3-23820906521<br><br>Following data issues in collateral screen in Customer Service and Origination Application Entry screens.<br><br>1. Customer Service/Collection > Collateral HOME screen - Addressline1 and Address Line2 Missing.<br><br>2. Origination/App Entry > Collateral HOME screen - Country not displayed in spite of data in DB. | Fix has been provided as indicated:<br><br>1. In Customer Service/Collateral HOME, VEHICLE and OTHER Screen the 'Address Line 1' and 'Address Line 2' columns are added.<br><br>2. County Column Data is displaying DB side and Home screen. No Fix Required since it is a data issue in staging. |
| 31434828 | SR: 3-23233559591<br><br>System does not adhere to new regulatory guidelines for metro II reporting as per the rules under the CARES Act. | Fix has been provided such that the Metro II batch job generates the file as per the new Regulator Guidelines and the METRO_II_PROGRAM_MODE_CD is configured as C. |
| 31688252 | Products which include Swagger UI in its distribution needs to upgrade to the most recent version. The fix is to be done in accordance with included component security fix process described in third party security bug.<br><br>This mandates the update of Swagger UI (CVE-2019-17495) to at least 3.23.11 version to mitigate the vulnerable component in any supported versions of the product. | Fixes to Swagger UI released (publicly on September 2020) in version 3.23.11 has been implemented.<br><br>Fixes for this is for On-Premise products and is delivered to customers (those in premier or extended support) via CPU.<br><br>**Note**: This security fix is provided for all supported versions of the product. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 31715808 | SR: 3-23638684551<br><br>Payments menu is timing out, tried multiples times and every time the customer clicks on this menu, the system crashes with 504 error.<br><br>This is happening for only one user and also in one environment. And also happening on payment screen alone. | Fix has been provided, Delete Script provided and it will Delete based on User Input User Id, so that after running the delete script, the user details are deleted from OFSLL. |
| 32128398 | SR: 3-24477509851<br><br>When ACC_PHP_MAINT transaction posted ACH_SEC_CD value is updating to Telephone initiated always. | Fix has been provided, to show the value which is being sent from web service request. |
| 32184407 | SR: 3-24571061381<br><br>14.8 Job Scheduler logs have no timestamp. | Fix has been provided, now Job-scheduler logs are having time stamp. |
| 32186273 | SR: 3-24569772211<br><br>In Statement Details, Other Charge is showing the current Tax Amount, which is already a part of Tax Charges. | Fix has been provided, changes done to exclude Sales Tax from Other Charges since it is displayed separately. |
| 32161072 | SR: 3-24450666961<br><br>When an account is voided, all the account conditions got closed including LNVD. Due to this LNVD condition is not shown in Summary tab also not picked for batch job (OUTPUT LIEN TRACKING FOR VOID ACCOUNT). | Fix has been provided, When an account is voided, LNVD condition is posted after closing all the account condition. So that LNVD condition is open and picked for batch job. |
| 32186251 | SR: 3-24568496281<br><br>Bureau "Summary2" Tab is Inaccessible. | Fix has been provided, the Bureau > Summary2 tab is accessible now. |
| 31885618 | SR: 3-23999935361<br><br>When Deceased Transaction Posted can't be roll back. | Fix has been provided, Raise Waring Message when Deceased Transaction Posted. "Selected Relation<br><br>Customer is Going To Marked As Deceased And Can't be Roll Back. Do you want to continue?" |
| 32228938 | SR: 3-24660882101<br><br>Incorrect setup data under transaction codes. For Waive system should update the TCD_SIGN as Negative and WAIVE_REV system should set TCD_SIGN as Positive. | Fix has been provided, the script for Waive txn system sets the TCD_SIGN as Negative and for WAIVE_REV txn system sets the TCD_SIGN as positive in the TXN_CODES table. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32234518 | SR: 3-24569121391<br><br>Titles and Behaviour scoring jobs are not populating OUTPUT_FILE_DATA_HEADERS.ODH_PTC_COMPANY As this is required for ODD3 to create the files. | Fix has been provided, to Update The "Lv_Odh_Rec.Odh_Ptc_Company" In The Below Batch Jobs.<br><br>1. Ofdprc_Bj_111_01.Pkb<br><br>2. Ofdprc_Bj_111_02.Pkb<br><br>3. Ofdprc_Bj_111_03.Pkb<br><br>Now in the output_file_data_headers table, ODH_PTC_COMPANY column updated with company name and ODH_STATUS_CD updated to Completed. |
| 32204180 | SR: 3-24611775711<br><br>GetAccountDetails API is giving 500 response error for certain accounts and the alert log shows the error message "xcsacc_el_100_02.populate_account_response". | Fix has been provided, now on firing GetAccountDetails web service for account having Address details with Zip extension in alphanumeric characters, the response message is generated successfully. |
| 32138506 | SR: 3-24203784051<br><br>Accounts Paid Off before 3 months is reported in the Metro2 file generated. | Fix has been provided, code changes done to not report the Accounts, Paid Off before 3 months in the Metro2 file generated. |
| 32133777 | SR: 3-24493123971<br><br>In GetAccountDetails Webservice, the field for next due date is mapped to next payment due date, where Next Due Date should be mapped to acc_due_dt_next field. | Fix has been provided, to pass the correct values in web-service response, for NextDueDate tag the ACC_DUE_DT_NEXT column value is getting as expected. |
| 32128843 | SR: 3-24354473123<br><br>Upgrade scripts to upgrade to 14.8 from 14.4 updated the Calc Method to INTEREST RATE instead of updating to RENT FACTOR. | Fix has been provided, executed upgrade_fix_update_calc_method_cd.sql script to update Calculation Method code from Interest Rate to Rent Factor. Calculation method table columns were updated to RENT FACTOR. |
| 32251180 | SR: 3-24703026211<br><br>Data Migration error messages that do not identify accounts. | Fix has been provided, code changes done to display the error messages in the 'Request Results' section with account number. |
| 31958785 | SR: 3-24163410891<br><br>Products, Contract, Pricings screens are blank after the 14.8 upgrade | Fix has been provided, seed data has been created and implemented it to resolve this issue. |
| 32263498 | SR: 3-24719492801<br><br>Receiving a late fee error, but cannot find the issue | Closed this ticket as requested by customer and confirmed no issues. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32313058 | SR: 3-24752449978<br><br>Unable to filter the records with Payment Amount parameter in payment search screen with decimal values. | Fix has been provided, removed convertNumber pattern which was converting the number to Integer, due to which for decimal values it was not working.<br><br>Now able to filter the records with Payment amount in both Decimal and Integer. |
| 32039250 | SR: 3-24301780731<br><br>'MASTER ACC#' field in 'Payment Entry' screen not recognizing Suspense Acc# '0'. | Fix has been provided, in MasterAccountNbrLov.xml file UNDEFINED added for Account Number Title column in sql query. In BatchPaymentBean.java file getHierarchyRequired() added the not null condition with the UNDEFINED condition.<br><br>Now when new record getting created in Payment Entry > Payments, system defaults 'Undefined' value in 'Master Account #' field. When user enters UNDEFINED in Account number field in the search screen ,system displays UNDEFINED in Account number title and allows to select the value and saves the record. |
| 32292348 | SR: 3-24758124842<br><br>OFSLL prod daily batch jobs are not triggered as per the schedule. | Issue occurred because of debug enabled for the ITU batch. SR closed by customer. |
| 32186396 | SR: 3-24571074821<br><br>BKRP response file is not loading into RideLink. | Fix has been provided, added the condition to not to pick API files. Corrected the local variable accordingly.<br><br>Now after successful batch job run, system shows the respective condition in Account summary and in the External Interfaces tab, the details are loaded. |
| 32190374 | SR: 3-24577483651<br><br>AUTO DECISION incorrect status,Credit score was doubling due to the duplicate call was happening to bureau pull. | Fix provided, now Credit score is not being doubled. |
| 32134493 | SR: 3-24496895941<br><br>FRC_ADJ_PLUS is resetting OTHERDUE amount to $0 | Fix has been provided, OTHERDUE in the summary screen remains the same and does not reset to<br><br>0. ACC_RECEIVABLE_AMT updated by the amount posted. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32443693 | SR: 3-25073765225<br><br>Receiving error when doing transaction - customer bankruptcy reporting indicator. | Fix has been provided, corrected the wrong sequence while inserting records into BANKRUPTCY table.<br><br>Modified following Units: upgrade_fix_reset_sequence_32443693<br><br>acraai_el_100_01<br><br>tnmbus_en_100_01<br><br>tnmcus_en_100_01<br><br>ucsabd_el_100_02. |
| 32429141 | SR: 3-25048820469<br><br>Servicing -> Reports causing OFSLL to hang | Fix has been provided, upgraded_seed_data_combination_14_8_0_0_15.sql PTC_BRANCH parameter removed, as we are not using PTC_BRANCH parameter. |
| 32424492 | SR: 3-25035149541<br><br>While creating invoice in the proceed tab, Error message is thrown. error in Post_invoice>> Invalid Vendor Invoice Id | Fix provided added NVL condition to handle the NULL value, as before inserting invoice details system was checking any errors. Condition was failing if there are null records. |
| 32407668 | SR: 3-25010823411<br><br>Incorrect UI validation on Origination --> Contract Tab Residual, Margin and Maturity Rates | Fix provided, In page for these fields updated the validation range. minimum="#{applGlobalPrefsBean.minimumRate4DecValue}"<br><br>maximum="#{applGlobalPrefsBean.maximumRate4DecValue}" |
| 32407531 | Scenario Analysis WS pricing code should match with UI Select Pricing / Scenario Analysis Suggest | Fix has been provided, such that prp_cap_cost_from DESC has been used in Order by caluse while calculating Pricing in both the package<br><br>xsaprc_em_100_01.pkb & usaprc_el_100_02.pkb<br><br>prp_calc_method_cd =lv_prd_rec.prd_calc_method_cd has been equated and also value for lv_asa_rec.asa_cap_cost_gro is corrected which is always returning 0 in xsaprc_em_100_01.pkb<br><br>Now Scenario Analysis WS pricing code is matching with UI Select Pricing / Scenario Analysis Suggest. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32429681 | SR: 3-25062946291<br><br>Error Message for Error Code SYS-SYS-SYS-TNM-001460 for Routing Number is Incorrect<br><br>This message pops up whenever the Routing Number is entered as < or > 9 digits. It does not pop up when the Routing Number = 9 digits. | Fix has been provided, corrected the translation data accordingly. |
| 32369910 | SR: 3-24909667338<br><br>If edits not enabled for, account on boarding service system was giving unhanded error. | Fix has been provided, added the proper validation, if request contains edit validation = YES and system does not contains the edits, service will give proper response. |
| 32230961 | SR: 3-24650620861<br><br>Backdated Pmt on USER DEFINED Flexible Pmt Account is incorrectly updating DUE BUCKETS & BILL/DUE DT txn. | Fix provided, to populate the correct amount in the Due buckets. |
| 32284248 | SR: 3-24522632211<br><br>User was unable to see other user logs. | Fix has been provided, introduced new system parameter (CMN_ACCESS_USER_LOGS), based on the configuration user can see the logs.<br><br>Modified unit : cmnvar_cl_000_01, uutlog_el_100_02, system_parameters, |
| 32291220 | SR: 3-24881105643<br><br>Due Date Change Override is not working as expected | Fix has been provided, now on Due Date Change Override transaction on backdated date, new due date has been changed and in customer service>Transaction history the transactions are reposted. |
| 32350626 | SR: 3-24794388481<br><br>Additional REPO record creates with no data when repo is closed | Fix has been provided:<br><br>1. For LNCC, we used lv_tcn_txn_rec1 record type to assign txn_tcd_code.<br><br>2. For (BKRP, REPO, and CHGOFF), we used lv_tcn_txn_rec record type to assign txn_tcd_code.<br><br>Now after closing Repossession, no duplicate record added in Repossession details and the account status changed.<br><br>Now after closing Bankruptcy, no duplicate record added in Bankruptcy details and the account status changed. |
| 32358641 | SR: 3-24900001551<br><br>When a secondary customer is added using 'Add Existing Customer' transaction, system is not updating the title as expected. | Fix provided, to display the title as expected. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32383804 | SR: 3-24934768891<br><br>In the JAXB file of AccountBoardingTypeResponse, for LoanApplication provided the ApiModelProperty and XmlElement as Loan_Application. | Fix provided, in the JAXB file of AccountBoardingTypeResponse, for LoanApplication updated the ApiModelProperty and XmlElement as LoanApplication. |
| 32328529 | SR: 3-24814831911<br><br>Unable to create work order for unsecured loans as it shows only those accounts in LOV, which are having assets. | Fix provided, updated the respective query and in union added accounts with no assets.<br><br>Now able to create work order for unsecured loans also. |
| 32394928 | SR: 3-24984927281<br><br>Billing jobs have bunch of failed accounts with the error message (Primary Customer/Business has stop correspondence indicator on (SYS-SYS-SYS-TXN-000031)) and interestingly none of the customers on these accounts have the Stop Correspondence Enabled | Fix provided, to find account Oldest Due Date properly. |
| 32494693 | SR: 3-25175676571<br><br>Voided account is failing with duplicate Application error. | Fix provided, for Void account, as soon as system gets the request, all itables details deleted and then creating the account.<br><br>Now system creates the new account for the same application number. |
| 32397148 | SR: 3-24978024371<br><br>The payment refund button cannot be used if the payment refund transaction has transaction authorization setup. This should be handled the same way as other transactions and run through the authorization maker/checker process. | As per the request, Message can be customized.<br><br>Now, user can customize the error description using the 'Error Message' setup. |
| 32487043 | System not picking the Pricing Residual % values from Scenario. Analysis WS, system considering it as '0' instead of picking it from pricing. | Fix has been provided, to pick Residual % value from pricing , if Residual % Value has not been given in Scenario Analysis WS |

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# 5. Patch Release 14.10.0.0.3

## 5.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| Bug 32738600 | In RAC, Node affinity is not working as expected. Due to this, the same account is being processed by multiple threads and it fails. | Fix has been provided in the 'Instance id' which was missing in the DBMS_JOB_SCHEDULER while submitting the job through scheduler. |

## 5.2 DBMS_JOB_SCHEDULER changes

### 5.2.1 Issue Description

In RAC environment Node affinity was not working as expected because of this same account was been processed by multiple threads and job fails with account lock.

### 5.2.2 Fix Description

Fix has been provided with the following updates:

- The 'Instance id' was missing in the DBMS_JOB_SCHEDULER while submitting the job through scheduler. The same has been passed to distribute the threads across the nodes.
- The DBMS_SCHEDULER.CREATE_JOB has been corrected in all the occurrences of JSV package.
- For DBMS_SCHEDULER.CREATE_JOB, the start_date value has been set to systimestamp and commented repeat_interval parameter.
- The Scheduler Job is created in NOT ENABLED State and the Instance Stickiness Attribute is set and enabled in the scheduler job.
- The lv_request_status is derived and the same are dropped in the scheduler jobs based on lv_status from user_scheduler_jobs, instead of lv_count and lv_failure_count.

## 5.3 Seed Data changes for Impacted Bugs

NA

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## 5.4  Patches and Bugs

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32604532 | SR: 3-25389026171<br><br>Unable to add more than 30 characters in Account tracking attributes for values | Fix provided by replacing MAX_LENGTH from MAX_LENGTH_EIGHTY for value attribute in TrackingAttributeType.java |
| 32638299 | SR: 3-25398507151<br><br>Total due amount and total balance are not matching.Call to txnctd_en_112_01 .reverse_ctd has been commented in txnddt_en_112_01.reverse_ddt existing code. This was causing the abl open ctd not getting restored to abl open ctd1 during billing reversal leading to mismatch. | Fix provided such that, Call to txnctd_en_112_01.reverse_ctd is uncommented in txnddt_en_112_01 .reverse_ddt.<br><br>Now reverse and repost are handled properly, Due Amount and Balance Amount are matching. |
| 32636450 | SR: 3-25427074631<br><br>Issue with Existing owner scenario with new secondary owner. | Fix has been provided and all the issues with Existing owner scenario with new secondary owner are resolved. |
| 32622921 | SR: 3-25417447231<br><br>In Setup > Contracts, the fields Draw Billing % and Repmt Term Payment % does not accept percentage in decimal Values. | Fix has been provided by modifying the units, Draw billing & Repmt Term Payment fields are accepting the numeric values. |
| 32641026 | SR: 3-25138239161<br><br>In Lookups Setup for lookup type PMF_FREQ_CD, the lookup code for Annually has been set as 'A' instead of 'Y'. Because of which system is not able to set CBC run date for Annually cycle. | Fix has been provided, lookup type PMF_FREQ_CD for annual is set as Y, created contract and able to create an account without any error. |
| 32742788 | SR: 3-25626601371<br><br>OFSLL 14.10 New Migration Edit XVL_DDT_RUN_DT_NEXT_GL_POST_DT to be applicable only to Active account. | Fix has been provided, by adding iv_acc_acc_rec.acc_status_cd = 'ACTIVE' condition. |
| 32681270 | SR: 3-25498809548<br><br>Getting an error while querying API_ACC_LOAN_EXT: ACC_ CPT_RUN_DT_NEXT not defined. | Fix has been provided, while conversion, data gets inserted into external table with ACC_CPT_RUN_DT_NEXT column. |
| 32738600 | In RAC environment Node affinity was not working as expected because of this same account was been processed by multiple threads and job fails with account lock. | Fix has been provided, 'Instance id' was missing in the DBMS_JOB_SCHEDULER while submitting the job through scheduler same has been passed to distribute the threads across the nodes. Additional details are available in enhancements section. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32498190 | SR: 3-25177508641<br><br>Can't trade multiple accounts in single transaction. | Fix provided, for the trade type combine, when we post with multiple accounts in the trade details, system is picking both trade details but updating one after the other. Changes done to insert both the trade details into 'TRADE_DETAILS' table. |
| 32574480 | SR: 3-25289993831<br><br>OFSLL Mock Statement issue. | Fix has been provided, system does not pick the accounts, if acc_stop_corr_ind flag is Y. |
| 32574643 | SR: 3-25294366181<br><br>Bulk Payment Reversals (customer based) Defect. | Fix has been provided, with pmt_refernece as non-mandatory while processing the file. Now payment reversals are successful as Reference is a non-mandatory field. |
| 32586733 | SR: 3-25348642251<br><br>Duplicate tracking attributes are getting inserted through AOB. | Fix has been provided, added Unique Index (ACT_UDX1) in the table ACCOUNT_TRACKING_ATTRIBUTES and handled exception error for Unique index in the package. Now system is not allowing to create account with the duplicate tracking attribute |
| 32477073 | SR: 3-25149218168<br><br>During Migration the following conditions are prohibited in API_ACCOUNT_CONDITIONS table (BKRP, FORC and REPO). They are automatically derived. The BKRP is derived from acc_bkrp_ind and REPO is derived from acc_repo_forc_ind. As per initial design, FORC and REPO are mutually exclusive, meaning the collateral/sub type differentiates them. FORC is typically for Home/Personal Property, while REPO is for Vehicle/Other Assets. So repo_forc_ind = Y and product/collateral type can be used to determine either REPO or FORC condition. So instead of hard coding REPO condition on acc_repo_forc_ind, it should look at the collateral type and derive the same whether it should open REPO or FORC. | Fix has been provided, Changes done to handle if acc_repo_forc_ind is 'Y' and collateral type is 'HOME' then system will create 'FORC' condition else it will create 'REPO' condition. |
| 32448733 | SR: 3-25096031781During Migration, the account creation fails if the same customer is part of multiple accounts. This is due to the fact that the Customer Tracking Attributes is provided Account wise. The scenario is that the same customer is part of two different accounts. The Customer Tracking Attributes are provided for both the accounts. | Fix has been provided, changes done to handle insertion from IAPPLICANT_TRACKING_ATTRIBUTES table to CUSTOMER_TRACKING_ATTRIBUTES table. If record already exists in CUSTOMER_TRACKING_ATTRIBUTES then system will skip that record. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32428604 | SR: 3-25027890211<br><br>New edit that would compare the acc_due_dt_next-pre_bill_days with gl_post_dt. If it is less than the gl_post_dt, the account rejected as error and should not proceed further. The justification is the account not normally charged and hence becomes inoperable. | Introduced new edit (XVL: ACCOUNT DDT RUN DT NEXT, GL POST DT) to compare the acc_ddt_run_dt_next with gl_post_dt. If acc_ddt_run_dt_next is less than the gl_post_dt, then the account rejected as error. |
| 32610786 | SR: 3-25391179721<br><br>While posting MOCK STATEMENT DETAILS MAINTENANCE transaction on MASTER account, details are not updated for the respective associated accounts | Fix provided, code has been modified in such a way that, associated accounts also will get updated when master gets updated. |
| 32632484 | SR: 3-25420859261<br><br>The comments passed in the input request for Customer Payment and Generic Payment REST API's are not captured in the system. | Fix has been added such that the comments passed in REST API's has been appended with the existing comment while posting Customer Payment and Generic Payment with tag ' Payment Comment : <Comments Passed> ' . |
| 32632522 | SR: 3-25417954751<br><br>METRO II batch ACC_CRB_PMT_HISTORY_DT input value has to be changed to GL date. | Fix has been provided such that while inserting ACC_CRB_PMT_HISTORY_DT column value has been changed to GL Date, instead of server date. |
| 31845401 | SR: 3-23951175801<br><br>The CSC Credit Bureau Trimerge report view is not well aligned (both Text and pdf) and also the birth Dt is not included in the report for all loans. | Fix has been provided by correcting the report format alignment and also to pull the customer Date of Birth details while generating the report. |
| 32061205 | SR: 3-24354173101<br><br>"CUSTOMER NAME MAINTENANCE" transaction - pulling disabled accounts. | Fix has been provided, to validate the Enable indicator in Select Statement. Also if pv_tnm_rec.tnm_tcd_code = ACC_NON_PRIM_STA_MAINT THEN removed that enabled indicator Validation. |
| 32246269 | SR: 3-24688410341<br><br>Primary Customer SSN value is not displaying on Document Element. | Fix has been provided, added CMNVAL_CL_000_01.GET_MASK_DATA (cus_rec.cus_ssn) in cgncus_el_100_01.get_all_cus_dtls and also Element Name masking removed.<br><br>Now Primary Customer SSN value is displaying on Document Element. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32142430 | SR: 3-24505859061<br><br>The 'Applicant > Summary > Other Incomes' Tab in OFSLL is not populating with "Actual" amounts for 'Other Income' despite the field being present in the JSON. | Fix has been provided to assign the values api_currency_actual_amt, api_actual_amt. Now system reflects correctly both Loan currency amount actual & Actual amount. |
| 32301635 | SR: 3-24771263464<br><br>Owners are being presented with a lower current balance on Payments and bills that are being created than the actual balance due in OFSLL. | Fix provided, to fix the Due Amount and Statements. Data fix provided to fix the impacted accounts, which generated on 14-DEC-2020. |
| 32302625 | In the Transaction Chatbot, the Advance disbursement is not working as expected. | Fix has been provided with changes in package: package com.ofss.ofsll.chatbot.restclient; ChatRestClient().advancedDisbursement and also removed the hard code value for xml body generation. |
| 32302619 | In the Transaction Chatbot, the Preference details are not getting updated. | Issues is resolved by removing the hardcoded value in xml generation using JaxB package com.ofss.ofsll.chatbot.restclient;updateprefe rences. Now the preference details are populated as intended. |
| 32302603 | In the Transaction Chatbot, the insurance details are not getting populated. | Fix has been provided by creating Jaxb Code Insurance package com.ofss.ofsll.chatbot.restclient; to populate the Insurance details. |

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# 6. Patch Release 14.10.0.0.4

## 6.1   Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
|         |             |             |

## 6.2   Seed Data changes for Impacted Bugs

NA

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## 6.3 Patches and Bugs

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32731953 | SR: 3-25607945591 <br><br> While querying the 'api_acc_loan_ext' table getting the error "table column not found in external source: ACC_CPT_RUN_DT_NEXT". | Fix provided such that, Create external table script includes the column in the proper order ACC_CPT_RUN_DT_NEXT. |
| 32805333 | SR: 3-25741899001 <br><br> OFSLL SAAS 14.10 - CUSTOMER TRACKING ATTRIBUTE JOB (ITRPRC_BJ_100_01) ISSUE | Fix provided such that, Customer tracking attributes are uploaded and last update date have a timestamp. |
| 32677654 | SR: 3-25518245691 <br><br> System creates due amount as 0 (zero) for line of credit (LOC) accounts. Due amount is not getting created when DDT batch job is executed. | Fix has been provided, removed the iv_acc_rec.acc_pmt_amt_tmp:=0 as it was wrongly updating calculated billed payment amount to 0. |
| 32737224 | SR: 3-25610126381 <br><br> Issue in Migration Batch Jobs- Same account being picked up in multiple threads. | Fix has been provided, by modifying the units, now Conversion process is working fine. |
| 32674513 | SR: 3-25507552661 <br><br> For country with sub code No_ZIP_VAL should be allowed to have zero as zip code. Currently system allow zero zip code for all the countries. | Fix has been provided, System shows zero values only for the company having NO_ZIP_VAL and while switching the companies, system shows the zip codes properly. <br><br> When user ADD Customer Address Phone transaction with company having NO_ZIP_VAL then system validates the zip code, allows only zero values. |
| 32718689 | SR: 3-25571418861 <br><br> Swagger for createAsset identificationNumber as Integer but it should be String. Element Identification number is String Data type in account boarding whereas in asset add it is defined as Integer. | Fix has been provided, Element Identification number updated from Integer to String in below two files. <br> 1) NewCollateralDetailsType.java <br> 2) CollateralDetailsType.java |
| 32815772 | SET-CUP (CUPACC_BJ_100_01) batch job encountered an error ora-01555 | Fix has been provided by modifying the units, no error coming on running SET-CUP Batch job. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32722371 | SR: 3-25593040401<br><br>In a scenario when sum of No of Terms X Regular Payment amount is not same as Total of Payment, the same fails with error. "XVL : CONTRACT TOTAL OF PMTS <> SUM OF REPAYMENTS. | Fix has been provided, in a scenario when sum of No of Terms X Regular Payment amount is not same as Total of Payment, the account is successfully created through the Account Onboarding service. |
| 32681337 | SR: 3-25515273581<br><br>Asset Edit fired only for Primary Assets. | Fix has been provided by modifying the units, Duplicate Identification Number EDIT fires for Non-Primary Assets also. |
| 32816221 | SR: 3-25678564991<br><br>Error Message not displayed correctly in Advances screen. | Fix has been provided, in Error Description Parameter Variable Name Defined and Modified Based on Translation Data. |
| 32756367 | SR: 3-25646590131<br><br>In the conversion packages for populating accounts table, the acc_open_ind value is hardcoded as Y. | Fix has been provided, to populate based on account status for loan, line and lease. |
| 32834789 | SR: 3-25804910581<br><br>For associated accounts, Account title is not shown with Accounts. | Fix has been provided by modifying the units, added AccTitle in the AccountMainPageDef.xml as it was missing from the page definition binding for getting the respective Account Title. |
| 32642000 | Unable to update via configuration certain subheadings and fields in the collateral screen. | Fix has been provided, able to update via configuration certain subheadings and fields in the collateral screen. |
| 32849779 | SR: 3-25834286501<br><br>Payment amount is not allocating as per the spread. | Fix has been provided, payment allocated to the account as per the spread used. |
| 32841077 | SR: 3-25829611051<br><br>OFSLL 14.10 SaaS UAT - "last_update_date" is set to GL Date not the system/server date. | Fix has been provided, now last updated date is being updated as SYSDATE. |
| 32545190 | SR 3-25280998621<br><br>During test data conversion customer noticed severe performance issues during the WVR data conversion and the process took 36 hrs to finish all the job-sets. | Fix has been provided with performance tuning to enhance OFSLL Test Data Conversion Jobs. |

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# 7. Patch Release 14.10.0.0.5

## 7.1  Enhancement – New batch job for RIC report

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | The RIC report is enhanced by adding a new batch job RPTRIC_BJ_100_01. | Batch job is created to help calculate data for RIC Report where Loan Contracts in FINCO pool, ineligible for selection to CONDUIT pool. |

### 7.1.1  Description

A new Batch Job 'RPTRIC_BJ_100_01 is created to populate data for report wynocsric_em_100_01. This batch job stores the Loan contract details of FINCO pool with specific account conditions to a view. This view will be used by RIC report.

## 7.2  Enhancement  – New batch job for TCF report

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | The TCF report is enhanced by adding a new batch job RPTTCF_BJ_100_01. | Batch job is created to store data into view, which is used for uploading the file to move accounts from Term / Conduit Pools into FINCO pool for TCF Report. |

### 7.2.1  Description

A new Batch Job 'RPTTCF_BJ_100_01 is created to populate data for report wynocstcf_em_100_02. This batch job stores Loan contract details of CONDUIT pool into view, which is used for uploading the file to move accounts from Term / Conduit Pool into FINCO pool by TCF Report.

## 7.3  Seed Data changes for Impacted Bugs

NA

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## 7.4 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32893227 | SR: 3-25945044321<br><br>With the previous patch update, the the ACC_Poo_Pool is updating as undefined in the accounts table | Fix has been provided such that the status of ACC_Poo_Pool is not overridden to UNDEFINED status but updated with the actual value. In Customer Service > Account Details > Securitization tab, details are coming correctly as available in the base account table. |
| 32869691 | SR: 3-25863827921<br><br>In the SAAS DEV environment, the Webhook channel for a service is giving 403 error even though all the details are correct. | The reason for the issue was that system did not send any User-Agent in header and the same is now handled in code for all webhook service calls. |
| 32880058 | SR: 3-25787044221<br><br>It is observed that the statement file generated in SaaS environment did not get transferred to the outgoing/opf folder. | Fix has been provided by introducing a queue process 'OUTGOING_PROCESS_FILE_Q' and table 'OUTGOING_PROCESS_FILE_TB' Now the OPF process should go through 'OUTGOING_PROCESS_FILE_Q' queue and after ENQUEUE the request, record is inserted into OUTGOING_PROCESS_FILE_TB. |
| 32910150 | SR: 3-25977383091<br><br>The API Migration process fails since the Tracking Attributes does not accept more than 30 character in length. | Fix has been provided such that ATT_VALUE column from API_TRACKING_ATTRIBUTES has been changed to accept characters from 30 to 80 and also to corresponding External tables for all Loan ,Line & Lease. |
| 32882767 | SR: 3-25851476121<br><br>The Account Onboarding request is not loading with multiple records and on sending multiple asset details in AOB request, web service request is taking only one asset details. | Fix has been provided in the Collateral package by adding a parameter to validate and Insert the record. So when multiple Collateral details are passed for an account in the AOB webservice request, system verifies and creates Account with Multiple collaterals. |
| 32880623 | SR: 3-25913368421<br><br>After the previous patch upgrade, the Master Account Migration is failing since there is no API_CONTRACT_DETAILS for these accounts. | Fix has been provided to check the empty record count check and account is converted successfully even if the few dat files do not have any data. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32867923 | SR: 3-25741975191<br><br>There is webhook channel failures since the service is broken and all the events are tied to the old channel and the newly created channel post 14.10 upgrade is null. Also the Paymentus channel is failing. | Fix has been provided, as detailed logging was requested in previous hotfix to identify the root cause of the issue. Currently fix is provided based on the identified issue for web hook channel failures in log and awaiting for more details. Additional debugs added for investigation of this reported problem and AMS team is to deploy and check for the root cause of the problem. |
| 32890705 | SR: 3-25987334550<br><br>On post of non-monetary transaction 'Customer Name Maintenance', account disappears from screen. | Fix has been provided with code changes since column was missing in uix_acc_fvw view and same has been added. Now 'Customer Name Maintenance' non-monetary transaction, posted and account details are populating correctly. |
| 32893162 | SR: 3-25918678631<br><br>System displays an error when "Calculate Parameters" is clicked on the Account Details > Account Details screen and when trying to update the UDFs. | Fix has been provided with code changes since column was missing in uix_acc_fvw view and same has been added. Now parameter value in UDF is updated as per the defined formula value. |
| 32882914 | SR: 3-25918091961<br><br>Unable to edit and save value in Account Details screen in Customer Service->Account Details. | Fix has been provided by adding following columns in UIX_ACC_FVW:<br>ACC_STX_DUE_AMT1,<br>ACC_STX_DUE_AMT2,<br>ACC_STX_DUE_AMT3,<br>ACC_STX_DUE_AMT4 and<br>ACC_STX_DUE_AMT5 |
| 32813779 | SR: 3-25758214029<br><br>System does not display all the products in the lookup when an existing fee is updated. | Fix has been provided by adding TO_DATE with sysdate at line number 1131 to avoid timestamp with date, Id of the Startdate is assigned to product lov partial trigger. |
| 32858791 | SR: 3-26012605281<br><br>Batch Job issue → There is a lag/delay in enabling all the threads in batch jobs and when a batch job was executed there was a lag of approximately fifteen sec for every thread to get executed. | Fix has been provided and the cursor query has been fine tuned to reduce the time between thread executions.<br><br>Recommended to purge the data using the below statements before starting EOD:<br><br>DELETE FROM cmn_jrr_evw WHERE<br><br>jrr_jrq_id IN (SELECT jrq_id FROM cmn_jrq_evw WHERE  jrq_start_date < SYSDATE -1)<br><br>DELETE FROM cmn_jrq_evw WHERE jrq_start_date < SYSDATE -1 |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32888792 | SR: 3-25946983703<br><br>Multiple errors are noticed while executing the daily batch jobs in OFSLL migration/stage environment. | Need more details to identify the root cause. Hence added logging statements in BIP classes Connection and request timeout added for the SOAP service calls. |
| 32696581 | SR: 3-25706951921<br><br>Multiple errors are noticed while executing the daily batch jobs in OFSLL 14.8 migration/stage environment. | Need more details to identify the root cause. Hence added logging statements in 14.8 BIP classes and requested for BIP Server logs for detailed analysis. |
| 32898064 | SR: 3-25954465101<br><br>When payment reference is null, system is unable to reverse the payment through web service. | Fix has been provided by updating the code so that its now possible to reverse the Payment through web service without payment reference #. |
| 32905912 | SR: 3-25976882681<br><br>When BIP Reports are running, the messages that are enqueued in Outbound Table are not getting dequeued properly. | Fix has been provided by modifying the code so that it does not enque into outbound Queue table and instead inserts directly into OUTBOUND_MESSAGES table from where the MDB accesses the data and processes it. |
| 32897440 | CHG: SR: 3-26045686240<br><br>Performance issues notice in 'Daily Trial Balance Data Generation' since the batch job TABACC_BJ_100_02 batch job running slow. | Fix provided with code changes to have BULK PROCESSING for Trial Balance Summary. |

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# 8. Patch Release 14.10.0.0.6

## 8.1 <u>Enhancements</u>

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

NA

## 8.2 <u>Seed Data changes for Impacted Bugs</u>

NA

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## 8.3  <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33008800 | The batch job OMSPRC_BJ_100_01 BJ used to generate Master Account Customer Mock Statement is taking longer time to complete the process creating performance issue. | Fix has been provided such that while inserting into output_file_data_details from OMS BJ, the odd_id value has been appended with job thread and date with timestamp.<br><br>However, note to change the data file format from master_account_customer_mock_stmt_$(PROCESS_DATE_YYYYMMDD).dat<br><br>To master_account_customer_mock_stmt_$(PROCESS_DATE_YYYYMMDD_HHMISS).dat (Path: Setup > Data Files > output > Data file definitions > MASTER_ACCOUNT_MOCK_ STATEMENT > File Name) |
| 33008771 | The batch job OSTPRC_BJ_100_02 BJ used to generate Master Customer Business Statement for the accounts is taking longer time to complete the process creating performance issue. | Fix has been provided such that while inserting into output_file_data_details from OST BJ, the odd_id value has been appended with job thread and date with timestamp.<br><br>However note to change the data file format from master_customer_business_statement_$(PROCESS_DATE_YYYYMMDD).dat<br><br>To master_customer_business_statement_$(PROCESS_DATE_YYYYMMDD_HHMISS).dat (Path: Setup > Data Files > Output > Data file definitions > MASTER_CUSTOMER_BUSIN ESS_STMT→File Name) |
| 33006725 | Due to Account level Lock in Accrual Batch Job, the other Batch Jobs in the queue are processing slowly creating performance issues. | Fix has been provided to restrict Account level lock in Accrual Batch Job Processing. |
| 32964041 | SR: 3-26101731181<br><br>It is required that the "Asset #" and "Unit" field are displayed in Collateral main table of Home/Vehicle and Vacation Ownership Tab. | Fix has been provided by adding "Asset #" and "Unit" field in main table of Collateral Home/Vehicle and Vacation Ownership Tab |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32601853 | SR: 3-26125334890<br><br>CUP Batch job is running for more than 12+hours creating performance issues. | Fix has been provided as indicated below:<br><br>1. When there are same Target parameters with different Criteria, based on the priority match system processes the records.<br><br>2. If any Target parameter has error, then it should not update Next run date for that target parameter<br><br>3. Run date of accounts and UDP are to get updated properly.<br><br>4. Fixed performance issues.<br><br>5. Recommended commit count is 200. |
| 32938275 | SR: 3-26048777841<br><br>If "Next Due Date is greater than the Maturity Date" system validates the error during migration process for LOAN and LINE product, and for LEASE product this validation is missing. | Added new edit 'XVL: ACCOUNT MATURITY DT CUR IS < DUE DATE NEXT' in Setup > Edits > Lease > Open Interface > Conversion Account Edits to resolve the issue. |
| 32938311 | SR: 3-26046996671<br><br>The "Due Day" field in Account details > Contract Information is showing data in decimal instead of integer. | Fix has been provided by adding number conversion to Integer tag in Due Day field in the respective units. |
| 32893199 | SR: 3-25944538021<br><br>For three transactions "Customer Maintenance, Add Existing Customer & Disable Enable Customer" the comments are not updating correctly. | Fix has been provided with code updates to update the comments properly for the mentioned transactions. |
| 32945224 | SR: 3-26053389621<br><br>It is found that if one of the Multiple Associated Account with Status as 'CLOSED', system stops Payment transaction web service with the error Message 'Account Closed, Transaction posting not allowed'. | Fix has been provided such that when one of the Multiple Associated Account with Status 'CLOSED', system allows posting Payment Transaction web service for the remaining ACTIVE Associated Accounts based on the payment hierarchy defined in Setup. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32898064 | SR: 3-25954465101<br><br>Unable to reverse the payment through web service (when payment reference is null) | Fix has been provided such that you can reverse the Payment through web service without passing Payment Reference element:<br><br>However note that you cannot pass the element as "PaymentReference": as there is a default validation of char and size having minimum and maximum length for all elements. I.e. we can either pass the element (for any optional element) in the request with a value in it or do not pass the element at all. |
| 32875463 | SR: 3-25898837462<br><br>System experiences slowness when viewing Collateral > Vacation Ownership > View. | Fix has been provided by updating Phase Number attribute Query so that system displays the Vacation Ownership tab details within 2-3 seconds on click of 'View' button |
| 32954837 | SR: 3-25970702381<br><br>Daily and Monthly Revrec jobs are not picking up Paid accounts with qualified = N | Fix has been provided such that Daily and Monthly Revrec jobs are picking up Paid accounts and updates qualified Indicators as 'Y' |
| 32944884 | SR: 3-26058321041<br><br>Issue noticed in TXNDDT_100_01_01 billing batch job since it is ending prematurely before processing all accounts. | Fix has been provided with code changes by adding NVL column so that system generates the bills for all the accounts without any error. |
| 32958765 | SR: 3-26101355951<br><br>During Account Migration, system fails if the same customer is part of multiple accounts. | Fix has been provided such that a count has been introduced in CUSTOMER_TRACKING_ATTRIBUTES table using customer id.<br><br>If count is 0 and apl_update_customer_info_ind is 'N' then values gets inserted into CUSTOMER_TRACKING_ATTRIBUTES and if apl_update_customer_info_ind is 'Y' then values are updated into CUSTOMER_TRACKING_ATTRIBUTES. |
| 32914160 | SR: 3-25968124478<br><br>In OFSLL SaaS environment, Webhook system is unable to update login/password for Web hook channels. This is happening across all instances. | Fix has been provided and now system is able to update the User Name and Password details for web hook channel with BASIC authentication. System is also validating for invalid User Name and Password. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31137185 | SR: 3-26198886298<br><br>Target Parameter Run Date Next is getting updated in Setup > User > Defined Parameters.<br><br>Even though account faced error/validation and calculation did not happen.<br><br>Now even if account is picked up for calculation again, since target parameter run date is updated, hence targets will not be calculated. | Fix has been provided such that:<br><br>1. When we have same Target parameters with different Criteria, based on the priority match, system processes the records.<br><br>2. If any Target parameter having error then, system will not update Next run date for that target parameter<br><br>3. Run date of accounts and UDP will be updated properly.<br><br>4. Fixed performance issues.<br><br>5. UI has been changed to create the UDP based on company, product type, funding type. |
| 32698872 | SR: 3-25554417261<br><br>Request to create index on the tables having LAST_UPDATE_DATE since customer wants to pull the daily incremental data from the reporting databases and none of the tables in these databases have the index on "last_update_date". | Fix has been provided and index script is provided for column last_update_date for the tables. |
| 33017980 | The Billing Batch Job slows down and runs into locks creating performance issues. | Fix has been provided by fine tuning the code for Billing Batch Job so that the performance of the Billing Batch Job is improved. |
| 32858791 | SR: 3-25856292311<br><br>It is noticed that there is a lag in enabling the threads across the batch jobs and as observed there is a 15-20 sec delay between each thread. Adding all of these in multi-thread jobs across the job sets, this delay is close to 40-60 minutes creating performance issue. | Since the threads were starting 15 sec apart for any BJ, code fix has been made to reduce the time interval. So when one batch job is completed, the 'Run Start Dt' time for the threads is not taking long time between the threads to start. |
| 32958658 | SR: 3-26101355966<br><br>During Migration, Asset Tracking Attributes are not populated. | Fix has been provided, bulk insert which was missing has been added in accaai_en_111_01.INSERT_ACC_ASSET_DETAILS and also updated the record Count reset for all Loan, Line & Lease Products. |
| 32961026 | SR: 3-26100394631<br><br>During migration unwanted number of rows are getting populated in iapplication_asset_track_attr. | The Fix has been provided to overcome that issue such that count has been checked before inserting into iapplication_asset_track_attr. |

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# 9. Patch Release 14.10.0.0.7

## 9.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| SR: 3-25989549991 | ENH 32917548 | DISCREPANCIES IN RESCHEDULE BILLING CYCLE TRANSACTION |

### 9.1.1 Description

The "RESCHEDULE BILL CYCLE" transaction has been enhanced to fetch only valid accounts based 'acc_open_ind' as 'Y', i.e. system posts the "Reschedule Bill Cycle" transaction for Master Account considering only those Associate Accounts in open status.

## 9.2 Seed Data changes for Impacted Bugs

NA

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## 9.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32964461 | SR: 3-26103562941<br><br>Customer is not able to configure the GL attributes for amortized transactions, it was predefined values. | Fix has been provided to configure the columns at GL attribute level. Now system is validating and posting the GL Entries in the GL Transactions > Account > Amortized Txns > GL Entries based on the Transaction Definition attributes setup in the General Ledger. |
| 33088697 | SR: 3-26358871336<br><br>In the daily batch process, ASEPRC batch job got failed with no data found. | Fix provided such that,<br><br>1. Added NVL condition for acc_master_acc_nbr , so that process won't consider,if the acc_master_acc_nbr is NULL.<br><br>From the debug we are understanding that acc_master_acc_nbr is going as NULL or invalid data.<br><br>2. Added more debugs in the package to get more information if the same issue occurred in the future. |
| 33006814 | SR: 3-26270249224<br><br>Slowness and Unresponsive Issue in Call Activity screen. | Fix provided such that, removed the getDefaultRowValue method from UcsCacVOImpl and transient expression from UcsCacVO.xml to get AccAadId and AccAadId is already coming from its viewLink. Now System is navigating within 2-3 seconds for Call Activity screen. |
| 32875463 | SR: 3-25898837462<br><br>System experiences slowness when viewing Collateral ->Vacation Ownership ->View. | Fix has been provided, Phase Number attribute Query is updated. Phase Number lov issue fixed.<br><br>Now able to view the Vacation Ownership tab details within 2-3 seconds of click on 'View' button |
| 32890324 | SR: 3-26320949501<br><br>When Same As Cash Promotion ends (where Amount financed is not satisfied) system post automatically "Change Payment Txn" but the txn does not validate as per Setup-> Transaction code ->Access Grid. | Fix has been provided, now system checks that Promotion is ended and 'Change Payment' txn not posted as part of Promotion End txns, validating the Setup-> Transaction code ->Access Grid. |
| 32893199 | SR: 3-25944538021<br><br>For 3 transactions (Customer Maintenance, Add existing customer and Disable enable customer) the comments are not updating correctly. | Fix has been provided, now for the mentioned 3 transactions comments are inserted with correct data. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33008771 | SR: 3-26294053103<br><br>OSTPRC_BJ_100_02 BJ PERFORMANCE ISSUE | Fix has been provided to overcome the performance issue, such that BJ logic has been changed to Bulk Processing approach. |
| 33009409 | SR: 3-26208542931<br><br>While loading the txn upload data from file upload process data invalid data is being updated to all fields apart from the field data provided in upload file. | Fix has been provided, return value of string is reassigned to null. |
| 33029544 | Performance tuning for Post Maturity Statement Batch job. | Fix has been provided,<br><br>1. The Code has been tuned for better for performance<br><br>2.txnstm_bj_100_02 will replace txnstm_bj_100_01 while the BJ is called |
| 33034516 | SR: 3-26261984311<br><br>When user click on download file second time, file naming convention is appended with additional values. | Fix provided such Code has been modified to append the ODH ID and time stamp to the file name when user clicks on download file.<br><br>Note: Please note we need to change the data file format from<br><br>master_account_customer_mock_stmt_$(PROCESS_DATE_YYYYMMDD).dat<br><br>to<br><br>master_account_customer_mock_stmt_$(PROCESS_DATE_YYYYMMDD_HHMISS)$(ODH_ID).dat<br><br>(Path: setup > Data Files > output > Data file definitions > MASTER_ACCOUNT_MOCK_STATEMENT > File Name) |
| 33034576 | SR: 3-26261925921<br><br>Due Date Change transaction discrepancy | Fix has been provided, Oldest Due date and Delinquent days are updated correctly. |
| 33035833 | SR: 3-26285431419<br><br>Billing BJ was failing for a few accounts of USD Company. | Fix has been provided such that, code changes are done to fix issues in Billing Batch Job Processing. |
| 33044716 | SR: 3-26283993731<br><br>FORC Condition fails in Validation for Migration Accounts. | Fix has been provided such that the 'FORC' condition has been removed from the validation list under 'XVL_CONDITION_CD'. |
| 33045307 | "Primary Customer/Business has stop correspondence indicator ON" this message is over crowding the alert log, comes for | Fix has been provided such that, the logging of error has been suppressed in the alert log however the functionality will |

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| | every account. | remain the same. |
| 33045410 | Most of the BJs are getting into deadlock in WYN UAT. | Fix has been provided such that, a delay has been added while execution of the threads. The delay can be controlled by system parameter JSV_SLEEP_COUNT. The seed data for the same has been released in PS5.<br><br>To start with please set the JSV_SLEEP_COUNT to 10. |
| 33051671 | SR: 3-26382824270<br><br>Master Statement File Generation Record Header Out Of Order. | Fix has been provided such that thread number is not updated in order which has been Corrected. |
| 33083822 | LTC batch job is getting into deadlock occasionally. | Code changes added to handle deadlock situation. |
| 33088516 | The Scheduler is getting into deadlock creating performance issue. | Fix has been provided with following changes:<br><br>•   Code changes added to handle deadlock situation.<br><br>•   Additional debugs added to help in analysis of any deadlock issue in future. |
| 33101716 | SR: 3-26377097651<br><br>'No such menu available' popup is not closing. | Fix has been provided, system is closing the Warning popup on click of OK button or Cross sign, which appeared while passing Incorrect/Incomplete value in the Search Menu. |
| 33036342 | SR: 3-26322703088<br><br>Performance tuning for user defined BJ. | Fix has been provided,<br><br>1. Introduction of Bulk update for CUPASE BJ<br><br>2. 12c code related changes.<br><br>3. Other code tuning changes<br><br>4. Thread issue has been fixed. For the next run please set the sleep count to 2sec |
| 33046004 | Issue in Calculating User Defined Parameters CUP. | Fix has been provided, in case the UDP parameters values are null. |
| 33083905 | Few threads in the batch job are taking more times during customer user defined parameters processing. | Fine-tuned the below process.<br><br>•   Tier points<br><br>•   Grandfather points |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| | | • total of itemization<br>• total itemization group |
| 33102451 | Tier Points and Grandfather Points are taking more time during CUP processing | Fine-tuned the below process.<br>• Tier Points<br>• Grandfather Points. |

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# 10. Patch Release 14.10.0.0.8

## 10.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | ENH 33217641 | FILE SIZE REDUCTION ON MOCK STATEMENT |
| SR: 3-26194620951 | ENH 33002270 | EXISTING PRODUCT HAS TO BE ENHANCED, SUPPORT TO SEND ASSET NUMBER IN THE CREATE ASSET WEBSERVICE REQ |

## 10.2 File Size Reduction on Mock Statement

### 10.2.1 Description

In order to avoid the large file creation, this enhancement is done to reduce the file size with a configuration.

A new Company level system parameter "MOCK_STM_GEN_LAST_MTH_ONLY_IND" is introduced to decide whether to insert only the last billing record in to ODD tables or all the configured billing records by OMSPRC_BJ_100_01 batch.

For example, if the configured Mock Statement Generation is for 12 cycles.

- If the Parameter MOCK_STM_GEN_LAST_MTH_ONLY_IND is set to "Y", system inserts only the last billing (12th due) record into ODD tables.
- If the parameter MOCK_STM_GEN_LAST_MTH_ONLY_IND is set to "N", system inserts all the 12 billing records into the ODD tables.

The ODD2 Process is responsible to handle above process.

## 10.3 Asset Number in Create Asset Webservice

### 10.3.1 Description

- Added Asset Number in Create Asset web service.
- Asset Number is enabled/disabled based on system parameter SYP_AUTO_GEN_ASE_NBR.

1. Created Asset Web Service behaviour according to the system parameter.

   - When the system parameter SYP_AUTO_GEN_ASE_NBR value is N, the Asset Number field behaves as a Mandatory request parameter in the Asset Create web service and validates for a unique value for the Asset Number.
   - When the system parameter SYP_AUTO_GEN_ASE_NBR value is Y, the Asset Number field behaves as a Non-Mandatory request parameter in the Asset.

     Created web service to create the Asset by ignoring the Asset Number passed in the request and also it does not validate if the Asset Number parameter is removed from the request and creates the Asset with automatically generated Asset Number.

2. UI > Customer Service > Collateral > Asset Number field behaviour according to the system parameter.

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- When the system parameter SYP_AUTO_GEN_ASE_NBR value is N then while Adding the collateral in Customer Service > Collateral, Asset Number field becomes an Editable field.
- When the system parameter SYP_AUTO_GEN_ASE_NBR value is Y then while Adding the collateral in Customer Service > Collateral, Asset Number field becomes a Read-only field.

## 10.4 <u>Seed Data changes for Impacted Bugs</u>

| Table | Key Data | Type |
|-------|----------|------|
| SYSTEM_PARAMETERS | MOCK_STM_GEN_LAST_MTH_ONLY_IND\|SET_SYP_COMPANY\|ALL\|ALL\|ALL\|ALL\|ALL\|ALL | INSERT |
| FLEX_TABLE_ATTRIBUTES | SET_SYP_COMPANY\|MOCK_STM_GEN_LAST_MTH_ONLY_IND | INSERT |

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## 10.5 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33088697 | SR: 3-26358871336<br><br>In the daily batch process, ASEPRC batch job got failed with no data found. | Fix has been provided such that,<br><br>1. Added NVL condition for acc_master_acc_nbr, so that process won't consider, if the acc_master_acc_nbr is NULL.<br><br>From the debug we understood that acc_master_acc_nbr is going as NULL or invalid data.<br><br>2. Added more debugs in the package to get more information if the same issue occurred in the future. |
| 33114239 | Random Reports Failure Issue. | Fix has been provided such that, in jsvprc_en_000_01.pr_bi_reports_aq, commented PRAGMA AUTONOMOUS_TRANSACTION & COMMIT statements. |
| 33146713 | SR: 3-26521837391<br><br>Whenever Credit Bureau call is made, services are getting stopped (either a success or failure response) each time and a fatal error "Lost RPC Connection" error is received in alert logs. Credit Services are stopped after the pull is made. | Fix has been provided such that, create a new directory in the default network admin directory $ mkdir $ORACLE_HOME/network/admin/extproc create a sqlnet.ora file in this directory with a single setting of:<br><br>SQLNET.INBOUND_CONNECT_TIMEOUT =0<br><br>and then add the following line into $ORACLE_HOME/hs/admin/extproc.ora SET TNS_ADMIN=<OH path>/network/admin/extproc |
| 33150086 | SR: 3-26519198411<br><br>On change button of consumer and business details in credit bureau, credentials were not getting updated in web logic with AuthUserId and<br><br>AuthPassword. | Fix has been provided such that, on change button of consumer and business section, updated the method changeUserIdPassword and changeBusUserIdPassword for updating the credentials in web logic. |
| 33158094 | SR: 3-26553006021<br><br>Account Delete API is failing due to Table structure mismatch Column PAL_CUR_IND available in PMT_ALLOCATIONS table, however the same was not available in X_PMT_ALLOCATIONS. | Fix has been provided such that, added the column PAL_CUR_IND to X_pmt_allocations. Now Account Delete API is working fine. |

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33164357 | SR: 3-26579747585<br><br>TAM batch job is failing with invalid identifier 'ACC_CONSTANT_GL_ATTR' | Fix has been provided such that, ACC_CONSTANT_GL_ATTR column has been added in TAM_ACC_EVW. |
| 33179238 | SR: 3-26526116941<br><br>When the system parameter TPE_OLDEST_DUE_DT_NEW_MTHD is set to Y and the acc_pmt_amt_cur =0 the TXNDDT BJ throwing an error. | Fix has been provided such that, now SET-TPE TXNDDT BJ is working fine to generate the bill properly. |
| 33212596 | ISCPRC Batch Job Taking Time to Complete. | Fix has been provided such that, SET-IFP ISCPRC_BJ_100_01 batch job for Adding and Removing multiple accounts from the Securitization pool using input file is picking the records properly. |
| 31885590 | SR: 3-24018470531<br><br>SET-CUP job set picked at the same time for 2 companies takes a lot of time to process in SAAS | Fix has been provided by modifying the units, now SET-CUP job set process improved in SAAS, even multiple companies picked at the same time. |
| 31586229 | SR: 3-23468644471<br><br>One company job is waiting for the other company job to be completed SAAS UAT | Fix has been provided such that one company batch job doesn't wait for other company batch job to be completed. |
| 32632522 | SR: 3-25417954751<br><br>METRO II batch ACC_CRB_PMT_HISTORY_DT input value has to be changed to GL date. | Fix has been provided such that while inserting ACC_CRB_PMT_HISTORY_DT column value has been changed to GL Date, instead of server date. |
| 32577782 | SR: 3-25335631971<br><br>OFSLL must stop reporting Paid Off accounts on Metro2 file after 3 months. | Fix has been provided, logic of calculating months between the GL postdate and account paid off date has been modified. |
| 32510143 | SR: 3-25202599971<br><br>Statement Consolidation error in DUE DATE CHANGE TXN | Fix has been provided, added the script to update acc_stmt_consolidate_ind= N, in accounts table for non-master accounts framework, product wise. |
| 32530558 | SR: 3-25248964541<br><br>Audit set up for spread matrix screen not working as expected. After clicking on audit button, no record gets displayed on audit pop up window for spread matrix. But Records are created in audits table at DB. | Fix has been provided such that in SpreadMatrixMain.jsff, Value for `AuditBlockId' has been changed into `SPREAD_MATRIX' from `SPREADS' which actually indicates the table Name has been incorrectly assigned. |

| Bug Id | Bug Description | Fix Description |
|--------|----------------|-----------------|
| 32412368 | SR: 3-25001080381<br><br>The DUE DATE CHANGE override transaction does not update the DUE DATE on Annual accounts as expected. Also the REPAYMENT SCHEDULE on the account does not get updated after due date change override transactions. | Fix has been provided by modifying the below objects.<br><br>translation_data.dat<br><br>txnext_en_111_01.pkb<br><br>txnext_en_112_01.pkb<br><br>txnext_en_121_01.pkb |
| 32525154 | SR: 3-25242435011<br><br>All batch jobs failed after applying the patch set 11 to 14 on PS 14.8 | Code fix has been reverted which was given for debug log timestamp issue in common package. |
| 32395963 | SR: 3-24940070151<br><br>Bureau Tab SSN mismatch indicator non functional | Fix has been provided, now proper SSN will be updated in the table. |
| 32495226 | SR: 3-25163828701<br><br>Some lease accounts are missing in metro2 table. | Fix has been provided, now all respective accounts are reported in Metro II table. |
| 32500520 | SR: 3-25194805413<br><br>Job requests are failing after applying patch set 14 | Code fix has been reverted which was given for debug log timestamp issue in common package. |
| 32362610 | SR: 3-24903242711<br><br>Reversal of Payment Amt is creating incorrect BALANCE AMT in Transactions screen on Lease Account. | Fix has been provided by removing the below code in txnpmt_en_121_01.rev_create_refund<br><br> -- pv_acc_rec.acc_receivable_amt:=<br><br> -- pv_acc_rec.acc_receivable_amt + lv_pal_rec.pal_amt;<br><br>Now balances are reflected properly in Transaction History screen and balances. |
| 32383634 | SR: 3-24934769061<br><br>Unable to view Work Order data in Vendor Work Order screen from Account Work Order when it was clicked first time from view Work Order button in Account Work Order screen. | Fix provided, updated the workorderViewOptionQuery from workorderViewOption value in paramsMap with the condition of customerServiceVnaId params not null. |
| 32578035 | SR: 3-25344175301<br><br>After applying Patch Set 14.8 PS14 / PS15 / PS15 HDF01, all the scheduled batch jobs failed during processing. | Code fix provided earlier has been reverted which was given for debug log timestamp issue in common package. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 30725713 | SR: 3-21876988920<br><br>Owners are being presented with a lower current balance on Payments and bills that are being created than the actual balance due in OFSLL | Fix provided, updated the api_documnent.sql with new fields. |
| 32632484 | SR: 3-25420859261<br><br>The comments passed in the input request for Customer Payment and Generic Payment REST API's are not captured in the system. | Fix has been added such that the comments passed in REST API's has been appended with the existing comment while posting Customer Payment and Generic Payment with tag ' Payment Comment : <Comments Passed> ' . |
| 32477096 | SR: 3-25150891971<br><br>Issues with billed sales tax and tax_bill in spread setup | Fix has been provided by modifying the units, acc_stx_due_amt_pd getting updated after the successful payment. Same will be reverted after payment reverse. |
| 32469261 | SR: 3-25136961621<br><br>Total Due in summary is including Sales Tax Due amount that is not yet due | Following fix has been provided,<br><br>1.Total Due (including future Sales Due) label updated to Total Due<br><br>(Including Future Fee/ Tax Due).<br><br>2. Sales Dues heading updated to Sales Tax Dues.<br><br>3. Sales Dues details are also added in Customer Summary Account Details. |
| 32562607 | Call Activity: Follow up days updates to 3-days, but the configuration is set to zero | Fix provided, in case of NON_US files, follow up date is null then follow up date should be picked from setup -->queues. |
| 32477073 | SR: 3-25149218168<br><br>During Migration, system is always creating 'REPO' condition even if the collateral type is 'HOME'. This is due to 'REPO' condition is hardcoded in the system irrespective of collateral type. | Fix provided, changes done to handle if acc_repo_forc_ind is 'Y' and collateral type is 'HOME' then system will create 'FORC' condition else it will create 'REPO' condition. |
| 32595431 | SR: 3-25359109341<br><br>Paid and Remaining Term for the account is not calculating correctly. | Fix provided, now account Paid Term and Remaining Term updated correctly after the payment. |
| 32325015 | SR: 3-24595768221<br><br>Unable to post monetary transactions 'CHANGE PAYMENT AMOUNT' and 'CHANGE TERM' | Fix provided, able to post 'CHANGE PAYMENT AMOUNT' and 'CHANGE TERM'. User Guides also updated. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32412174 | SR: 3-25017138991<br><br>If customer does the payment with cycle based spread, system was not updating balances and due buckets properly. | Fix provided, excess payment allocation was not updating account balances due buckets for line accounts, added txnprc_el_100_01.update_bill_amt procedure to update the same. |
| 32610786 | SR: 3-25391179721<br><br>While posting MOCK STATEMENT DETAILS MAINTENANCE transaction on MASTER account, details are not updated for the respective associated accounts | Fix provided, code has been modified in such a way that, associated accounts also will get updated when master gets updated. |
| 32554891 | SR: 3-25258687211<br><br>If customer does the payment with cycle based spread, system was not updating balances and due buckets properly. | Fix provided by modifying the code, excess payment allocation was not updating account balances due buckets for line accounts, added txnprc_el_100_01.update_bill_amt procedure to update the same. |
| 32429369 | SR: 3-25119311656<br><br>If customer does the payment with cycle based spread, system was not updating balances and due buckets properly. | Fix provided by modifying the code, excess payment allocation was not updating account balances due buckets for line accounts, added txnprc_el_100_01.update_bill_amt procedure to update the same. |
| 32041384 | SR: 3-24325774551<br><br>The 'Remaining Term' in summary tab displaying negative value due to incorrect migration value given for 'Paid Term' | Fix provided, changes done in the view UIX_ACC_FVW,<br><br>If ACC_TERM_CUR-ACC_TERM_PD is less than zero then displayed as zero. |
| 32184333 | SR: 3-24591054791<br><br>OFSLL PROD - SVCUSD statement files not created. | The required indexes has been added to improve the performance of the BJ.<br><br>MST_IDX3 on MOCK STATEMENTS |
| 32448733 | SR: 3-25096031781<br><br>During Migration, the account creation fails if the same customer is part of multiple accounts. This could be because the Customer Tracking Attributes is provided Account wise. | Fix has been provided with changes to handle insertion from IAPPLICANT_TRAC KING_ATTRIBUTES table to CUSTOMER_ TRACKING_ATTRIBUTES table. So if record already exists in CUSTOMER_ TRACKING_ATTRIBUTES then system skips that record. Also code changes are done to handle the customer tracking attributes for secondary customers. |
| 32734787 | SR: 3-25445758701<br><br>Account Activation API fails when request contains the following fields values ActionData - > EditValue": "Y". | Data fix has been provided to update edit type code from ACX-ACCOUNT to API-ACX-ACCOUNT. Now system creates accounts when EDIT VALUE is Y. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 32061228 | SR: 3-24176815381<br><br>For conversion accounts after reversing extension transaction the repayment schedule disappeared. | Since the transaction set id was going as 0 and parent transaction id was updating as null, fix has been provided such that now on reversing both EXTENSION / DUE DATE CHANGE TXN system shows the repayment schedule record. |
| 32723918 | SR: 3-25585409889<br><br>Correspondences are sending twice when changing status via Change Application Status Web Service | Fix has been provided by removing the Event Call from package 'xaeasc_em_100_01.pkb'. |
| 32718483 | SR: 3-25566644421<br><br>Account On Boarding process is failing if the Insurance Company is more than 30 characters. System should support more than 30 characters as Company code under Insurance table is 80 characters. | Fix has been provided, to accept Insurance Company attribute to 80 characters. Now system accepts Insurance Company, even it is more than 30 characters through AOB. |
| 32494693 | SR: 3-25175676571<br><br>System does not create accounts with void account xref number. | Fix has been provided to create the accounts with void accounts xref number. |
| 32835125 | When generating the debug logs, timestamp was not getting printed. | Fix has been provided by modifying the code for addressing timestamp issue in support environment. |
| 32665571 | SR: 3-25497811001<br><br>In Pricing setup, Product with the same Start date is not displayed in the Product drop down list. | Fix has been provided in the pricing setup and product with same start date is displayed in product drop down list. |
| 32795204 | SR: 3-25712351131<br><br>Incorrect validation for customer credit limit. | Fix has been provided and new Application is created using same request of the created application by removing credit limit for existing customer. |
| 32827358 | SR: 3-25643849961<br><br>If the account is Charged off or Paid Off, from the 2nd cycle on-wards, system is processing the account on 1st and end of month. | Fix has been provided and system processes the account only during Due Day for Charged off or Paid Off accounts |
| 32774211 | SR: 3-25677080621<br><br>Link to Account checkbox in Scenario Analysis Tab does not re populate the data. | Fix has been provided by modifying the units and now Link to Account checkbox in Scenario Analysis Tab re populates the data. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32709706 | SR: 3-25565635671<br><br>There is an issue with the Payment Refund transaction. | Fix has been provided, New access grid function data scripts has been provided for "PAYMENT_REFUND" with Responsibility 'ALL'. So that whenever "PMT_RF" posted, internally "PAYMENT_REFUND" will get posted successfully. |
| 32705813 | SR: 3-25557976041<br><br>There are some id properties in CalculatorAmortizationScheduleMainTF.xml, which are having duplicate values.<br><br>Due to these duplicate Ids, unable to open the task flow. | Fix has been provided and duplicate Id's are removed in the CalculatorAmortizationScheduleMainTF.xml. |
| 32638808 | SR: 3-25443043491<br><br>Unable to create a custom Attribute Name ACC_POOL_CODE in General Ledger Screen. | Fix has been provided, ACC_POOL_CODE custom Attribute Name added in txn_acc_evw. Now ACC_POOL_CODE custom Attribute Name created in General Ledger screen. |
| 32581919 | SR: 3-25420859261<br><br>Transaction Access to PMT_RF is not working. | Fix has been provided and new access grid function data scripts has been provided for "PAYMENT_REFUND" with Responsibility 'ALL'. So that whenever "PMT_RF" posted, internally "PAYMENT_REFUND" will get posted successfully. |
| 32698872 | SR: 3-25554417261<br><br>OFSLL SaaS Reporting Databases - New Index Create Request. | Fix has been provided and index scripts provided for column last_update_date for the tables. |
| 32681934 | SR: 3-25894389139<br><br>On selecting Associated Accounts in Customer Service > Summary tab, system displays multiple records in Dues, Sales Dues, Delinquency Information, Contact Information, Account Information, Settlement Information and Outbound Call History sections. | Fix has been provided by creating read only UcsAccSummVO and view link with UcsAccVO to get the selected account data instead of showing all Associated accounts data in Summary Tab (Dues, Sales Dues, Delinquency Information, Contact Information, Account Information, Settlement Information and Outbound Call History). |
| 32964926 | SR: 3-26095825401<br><br>The Producer LOV in Customer Service > Summary Tab does not display any data when Company, Branch, Producer group and Producer Type is selected as ALL. | Fix has been provided xml changes such that the Producer LOV displays proper values based on dependent fields like Company, Branch, Producer group and Producer Type. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32466420 | SR: 3-25166674631<br><br>On posting adjustment 'Subtract' transaction for a particular payment is posted, system updates the balances but the due buckets still shows as delinquent. | Fix has been provided with a work around by creating new transaction with transaction group PAYMENT along with a data fix script to reverse the existing adjustment transactions.<br><br>Using this, customers can post adjust minus and adjust waive transactions to repost with new transaction of transaction group PAYMENT. |
| 32887145 | SR: 3-25928251041<br><br>Application Update API fails with 400 error when asset model is greater than 30 characters even when the database and UI both hold 80 characters. | Fix has been provided by updating the model element max value from MAX_LENGTH (30) to MAX_LENGTH_EIGHTY (80) so that the model attribute value now allows more than 30 characters. |
| 32671145 | SR: 3-25498441601<br><br>When a backdated transaction is reversed and reposted, the TXN ID posted is out of sync and due to which all the transactions are inaccurate. | Fix has been provided by modifying the sequence TXN_SEQNUM with NOCACHE so that system generates the TXN ID sequence number correctly. |
| 32910532 | SR: 3-25976973001<br><br>While sending an ACH recurring payment through Generic Post transaction web service, system is unable to handle the 'Bank Name' if it contains an apostrophe (') character and displays 500 error. | Since the SQL operation fails if the value includes apostrophe, the same is replaced with '[]' operator to resolve the issue. |
| 32902607 | SR: 3-25959583901<br><br>The insert Producer web service does not accept email details in the field with more than 30 characters. | Fix has been provided by modifying the length of Email size from MAX_LENGTH (i.e. size 30) to 160 which is the actual length from PRODUCERS table for column 'PRO_EMAIL_ADDRESS' to resolve the issue. |
| 32862895 | SR: 3-25871777931<br><br>On reversing a Payment Paid Term in Customer Service > Summary screen, the paid term is not updated correctly. | Fix has been provided with package level changes so that system update the paid term after reversing the payments. |
| 31964487 | Screen does not load for the Associated Account radio button option on the Accounts block header in Customer Service screen. | Query has been tuned to fetch the Associated Account radio button option on the Accounts block header in Customer Service screen. |
| 32399160 | SR: 3-25009158201<br><br>There were 16,501 ARDA accounts that did not bill on 01/14 or 01/15/20 as expected. | Fix provided, to address element index issue in bulk update. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32394928 | SR: 3-24984927281<br><br>Billing jobs have bunch of failed accounts with the error message (Primary Customer/Business has stop correspondence indicator on (SYS-SYS-SYS-TXN-000031)) and interestingly none of the customers on these accounts have the Stop Correspondence Enabled | Fix provided, to find account Oldest Due Date properly. |
| 32301635 | SR: 3-24771263464<br><br>Owners are being presented with a lower current balance on Payments and bills that are being created than the actual balance due in OFSLL | Fix provided, to fix the Due Amount and Statements. Data fix provided to fix the impacted accounts, which generated on 14-DEC-2020. |
| 33064066 | The mock statement batch job is causing dead lock and session lock. Also system is not picking the Loan accounts with proper data and running in infinite loop. | Due to wrong data in the ENV, mock statement batch was running in infinite loop. Fix has been provided by adding new condition avoid the infinite loop for wrong data. |
| 33044699 | While accessing the transactions tab under Accounts-->Statements, system displays 504 page unresponsive errors. | Query of Statement Transaction has been updated and in View Link and also added the link of StmClosingDt with TxnDt. |
| 33162056 | Periodic Maintenance fee (FPMF) is getting posted only for the first cycle but not for subsequent cycles as the date is not getting incremented. | Fix has been provided with package level changes and modifying the required objects such that on running the script, the accounts in the backend are updated and FPMF is charged monthly. |

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# 11.  Patch Release 14.10.0.0.9

## 11.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | 33425415 | C257- WVR GENESIS STATEMENTS- THE RESORT ID IS NOT BEING ADDED TO THE STATEMENT |

### 11.1.1 Description

System does not include the resort id in Master Customer Mock Statement. In order to resolve this, provided a facility to show Resort ID Description instead of Resort ID.

So Master Customer Mock Statement can be generated with Resort ID Description at Transaction Record seq 20 and Asset Record seq 12.

Also, Master Customer Business Statement can be generated with Resort ID Description at Transaction Record seq 20.

## 11.2 Seed Data changes for Impacted Bugs

NA

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## 11.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33150086 | SR: 3-26519198411<br><br>System throws error java.lang.NullPointerException when New Auth User Password is null. | Fix has been provided such that, the null pointer issue is handled to not throw error while updating new auth user id and new auth password in web logic. |
| 33165280 | SR: 3-26560332831<br><br>Unable to migrate accounts which are post maturity date but have unpaid dues due to edit. | Fix has been provided such that, post maturity condition has been also checked along with the existing validate Condition. |
| 33202766 | SR: 3-26636503351<br><br>System updates secondary Customer score in Primary Customer Score. | Fix has been provided by updating the merge condition in package. |
| 33208965 | SR: 3-26667543391<br><br>Incorrect billing points consolidation at master account. | Fix has been provided such that in case of master account, if user is editing the asset records then system does not update the billing points. |
| 33268198 | SR: 3-26796888251<br><br>Decimal number round up issue noticed in Fee maintenance, 321.78/12 = 26.8150 is rounded to $26.81, expectation is $26.82 | Fix has been provided to round up the value as intended. |
| 33273776 | SR: 3-26684718971<br><br>The Customer credit score gets changed based on the Update customer info flag. | Fix has been provided such that, system does not consider the update info flag while inserting customer credit score. |
| 33276201 | SR: 3-26820831301<br><br>ITUPRC_BJ_100_02 batch job is taking more time creating performance issues. | Fix has been provided by increasing the number of threads to be processed in the batch job from 10. |
| 33278951 | SR: 3-26815471471<br><br>During Line account conversion based on open CTD and paid CTD value, balances are not updating properly. | Fix has been provided by addressing the mentioned scenarios, when system gets value as outstanding, credit refund and no outstanding amount. |
| 33318767 | SR: 3-26882777371<br><br>TXNDDT_BJ_100_01_805429_1_WVRUSD still failing with divisor is equal to zero. | Fix has been provided to not throw the error. |
| 33338316 | Changes that were done for Monetary transactions and Amortization transactions are to be replicated for Securitization group of transactions. | Fix has been provided to allow to select the fields from account tables based on the user choice. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33345767 | SR: 3-26973446401<br><br>Error while trying to Upload Reschedule Bill Cycle Transaction. | Fix has been provided to allow the system to post the transaction when there is no fee maintenance. |
| 33357566 | SR: 3-27030117298<br><br>Random Batch Failures noticed. | Fix has been provided by handling exception to avoid such error. |
| 33361259 | SR: 3-27026338021<br><br>Non-monetary transaction 'MOCK STATEMENT DETAILS MAINTENANCE' should update mock statement details only for accounts with statement consolidation Y.<br><br>Currently if 'MOCK STATEMENT DETAILS MAINTENANCE' is posted on master account, it updates mock statement details for all the associated accounts.<br><br>There is no check on statement consolidation=Y. | Fix has been provided, to consider the accounts only having statement consolidation=Y. |
| 33362580 | SR: 3-27045159911<br><br>Slowness and Unresponsive issue while add/update Asset Billing Rate definition in Asset Rate Screen. | Fix has been provided such that, added new view object for Phase Number Query and instead of choice list lov, provided input combo box lov to search phase Number in lov. |
| 33366369 | SR: 3-27050595901<br><br>Migration failure for Account having Multiple Assets and Tracking Attributes. | Fix has been provided such that, account having Multiple Assets and Tracking Attributes is migrated successfully without any error and collateral tracking attributes are also populating correctly. |
| 33377516 | SR: 3-27080012538<br><br>The generated mock statements for many accounts, we can row for the first cycle instead of the last one.<br><br>Changes in the omsprc_bj_100_01 is looking at the field acc_mock_stmt_cycle_cd Instead of acc_mock_stmt_cycle_cd_Cur. | Fix has been provided to consider the data from acc_mock_stmt_cycle_cd_Cur column. |
| 33403932 | SR: 3-27147257671<br><br>Multiple issues in event processing | Fix has been provided now event processing is working fine. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33264574 | OFSLL does not include FOTH adjust plus/subtract transaction as part of DDT amount. It only considers Post transactions. This needs to be handled. | Fix has been provided such that, to include FOTH adjust plus/subtract transaction (for both manual and asset bill setup). The same is posted in billing period with billed indicator as Y to be included in the billing amount. Also, changes are done to set pal_cur_ind to Y in pmt_allocations table for those payment allocations wherein the payment excess is allocated to the billed FOTH adjust plus/minus transactions. |
| | | A data fix script is provided to populate the field pal_cur_ind in pmt_allocations table with Y for those payment allocations wherein the payment excess is allocated to bill FOTH adjust plus/minus transactions. This is done by posting a dummy backdate transaction which would also update the acc_due_amt_pd1 in accounts and abl_due_amt_pd1 in account balances with excess allocated amount. |
| | | Note: The data fix script has to be run only after deploying the code changes to include adjust plus/minus amount in billing and after migrating 14.8 accounts to 14.10 in production. |
| | | However, for the new accounts created after applying code changes, data fix is not required. |
| 33425253 | Unable to disable secondary owner. | Fix has been provided for handling the Select Query when car_enabled_ind = 'Y'. |
| 33242088 | SR: 3-26754957641<br><br>Issue with the Job Scheduler in Pass MIG with deadlock detected while waiting for resource. | Fix has been provided in such a way that, in case of dead lock then, the scheduler should Continue the process instead of shutdown. |
| 33339814 | During the Batch Run, encountered "Ora Error MSG: ORA-06502: PL/SQL:<br><br>numeric or value error: character string buffer too small" | Fix has been provided such that in evedeq_ew_100_01.evedeq_ew_100_01, dequeuer option visibility is changed from IMMEDIATE to ON_COMMIT to ensure that dequeuer commit will be a part of the current transaction rather Immediate.<br><br>And also in evedeq_em_100_01. prepare_json, increased the column widths of all the columns as we are not aware of any particular field that fails. |
| 33345997 | Report Generation has performance issues noted. | Fix has been provided by creating the appropriate indexes. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33425218 | Payment Entry Screen experiencing slowness. | Fix has been provided such that, removed the method "refreshCurrentRowByExecuteQuery" from "UbtPmttVOImpl" which been executing by default on page load. |
| 33351937 | Performance Issue has been found during Data Load through Account Conversion Process. | Fix has been provided by changing the logic of normal Insert to Bulk Insert in accins_el_100_01.ins_cus_dtls. |
| 33388487 | Performance Issue during ITU BJ Process | Fix has been provided by changing the logic into Bulk Processing approach. |
| 32945224 | SR: 3-26053389621<br><br>The system stops Payment transaction WS with the error Message 'Account Closed, Transaction posting not allowed'. When one of the Multiple Associated Account with Status as 'CLOSED'. | Fix has been provided such that, when one of the Multiple Associated Account with Status 'CLOSED', System should allow posting Payment Transaction WS for the remaining ACTIVE Associated Accounts based on the payment hierarchy setup defined. |
| 33274218 | SR: 3-26809124951<br><br>Not able to fund the application for trade as the itemizations totals are not matching. | Fix has been provided to include the IEQ and ITR txn code to support. |

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# 12. Patch Release 14.10.0.0.10

## 12.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 12.2 Seed Data changes for Impacted Bugs

NA

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## 12.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33358176 | SR: 3-27019436121<br><br>During Line Account Onboarding Request (Rest Service) for an account, the Repayment Term Payment Percent is stored as ZERO instead of configured value in Contract Setup screen. Due to this during Repayment term billing, PRINCIPAL is not getting billed. | Fix has been provided by mapping respective app_repmt_term_pmt_per with pis_repmt_term_pmt_per. Now the accounts get updated with the Repayment term percentage as per the Instrument configuration. |
| 33358308 | SR: 3-27019758971<br><br>During Lease Account Onboarding Request (Rest Service) for a backdated account, on passing a promotion code of type Promotional Rate, the account contract gets populated with promotional rate ZERO instead of configured index rate. Due to this Interest for the promotional period is calculated as ZERO. | Fix has been provided by adding Index Rate mapping and updated Promotion Rate values to resolve the issue. |
| 33386328 | SR: 3-27072668211<br><br>The Cycle Based Collection Fee "TNX_DT" is getting calculated wrongly in the API conversion flow. | Fix has been provided with code changes and logic so that the Cycle Based Collection Fee is charged considering the due date and Cycle based collection late fee configuration. |
| 33393581 | SR: 3-27136440171<br><br>In the Account Condition Table, there is an issue with timestamp update since it is observed that, the last update date is getting stamped/updated every hour as per SET-QCS Queues batch run even though there is no other change to the record. Due to this lot of data is being pushed to external system. | Fix has been provided with code changes such that the timestamp update happens when there is change in ACO_ASG_CODE or ACO_USR_CODE. |
| 33405902 | SR: 3-27141762101<br><br>During Lease account on boarding through xml, system is unable to create multiple collaterals while creating a Lease account with multiple collaterals (i.e 2 Collaterals) in the XML and is considering only the last Collateral passed. | Fix has been provided with package level changes so that on passing multiple Collateral details for a Lease account in the AOB web service request, system creates that Account with Multiple collaterals as in xml. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33410088 | SR: 3-27215274221<br><br>In OFSLL SaaS UAT environment, while processing the Events and actions, there is an invalid SQL error. Also some of the events have duplicate actions items and some of them are missing the action items completely. | Fix has been provided with code changes so that in case criteria not configured for any events, system should process without any error. |
| 33423060 | SR: 3-27248923791<br><br>The batch job "ASEPRC_BJ_100_01" is failing daily with the error message "Unhandled error in Batch Job". | Fix has been provided by adding exception handling code to avoid Unhandled error in Batch Job. |
| 33456808 | SR: 3-27338869191<br><br>The User Name field in Webhook Setup accepts only 30 characters but there is a requirement for 34 characters and cannot be reduced further. | Fix has been provided by updating the precision of User Name field from 30 to 80 characters. |
| 33463311 | SR: 3-27343983861<br><br>During asset creation (using webservice), the 'Other Attribute 8' value is not inserted into the table. | Fix has been provided by mapping correct elements in jaxb for OtherAttribute8Date with OtherAttribute8Date instead of OtherAttribute8Code(i.e. wrongly mapped). |
| 33477074 | SR: 3-27401768621<br><br>There is a severe Performance Degradation noticed in Nightly Batch Job Execution since batch jobs are running for more than 12 hrs which ideally should not take more than 4 hours to complete. Due to this issue, users cannot complete their end of day activity. | Fix has been provided by handling the 'SYSTEM UNDER MAINTENANCE' Condition check which was not handled previously in QCSPRC_BJ_100_01. |
| 33357659 | SR: 3-27019947031<br><br>While creating Lease account through account on boarding request, the column ACC_DEPRECIATION_DT_LAST is stored as NULL. Due to this, the Depreciation Batch job is not picking the account for processing. | Fix has been provided such that the ACC_DEPRECIATION_DT_LAST is getting stored with correct values and the respective account is getting picked up for processing. |
| 33351770 | SR: 3-27019832171<br><br>While creating a Lease account with flexible Repayment Schedule through XML, system is considering only the last Repayment Schedule passed. However, system allows to create flexible repayment schedule through origination process.<br><br>Due to this, users cannot use the webservice request to process the loan application with flexible repayment schedules. | Fix has been provided with package level changes so that system allows to create lease account with Flexible Repayment schedule. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33350775 | SR: 3-27019774408<br><br>While trying to add insurance (INSURANCE ADDITION TXN) to a LEASE account, system throws error 'ERROR IN:TXNINS_EL_100_01.insert_ins'. | Fix has been provided by mapping the respective ins_txn_dt with txn_dt so that on posting Insurance Addition transaction to an Lease Active Account, that insurance is added to the account. |
| 33332898 | SR: 3-26933034671<br><br>Newly migrated accounts are failing during the processing of late charge job job. | Fix has been provided with package level changes for the reported error 'Transaction Amount is greater than the Outstanding balance'. |
| 33283463 | SR: 3-26831529191<br><br>While processing the 'CYCLE BASED COLLECTION LATE FEE PROCESSING' (TXNCBC_BJ_100_01), errors if any due to conditions need to be suppressed. | Suppressing the error message impacts all other batch jobs. Hence fix has been provided with package level changes so that when the CBC batch job (TXNCBC_BJ_100_01) is executed, the CBC fee posted on the account with expected amount. |
| 33274218 | SR: 3-26809124951<br><br>Unable to fund an application and facing edit issue when value is provided in Group type itemizations. This is specific for trade and if the itemizations totals are not matching. | Fix has been provided with code changes to include the IEQ and ITR transaction code so that when the same values are passed in itemizations, the application is funded without any error. |
| 33246555 | SR: 3-26759658271<br><br>While posting a call activity on an account which has associated conditions, system stamps system date instead of GL date as condition start date. | Fix has been provided with code changes to stamp account start date as GL date. |
| 33138377 | SR: 3-26464788171<br><br>Summary screen is not displaying the correct information when an excess payment is received. | Fix has been provided by introducing new label field in summary screen to show credit balance amount if any. |
| 33450396 | SR: 3-27313738501<br><br>During Advance Disbursement Rest Web Service call with payee type as 'BUSINESS' and Payee Indicator as 'Y' system throws error 'Payee Type not supported for Validate Payee Indicator as Y'. However, the same is supported through front end UI. | Fix has been provided by implementing all validations same as CUSTOMER to BUSINESS payee type while advance disbursement to resolve the issue. |
| 33443235 | SR: 3-27287638531<br><br>The billing batch job - TXNSTM_BJ_100_02 fails during execution in SaaS instance and the batch eventually gets aborted/hold. | Issue is noticed when the stop correspondence on account is set YES the account was running into loop.<br><br>To resolve the issue, the statement run date next has been set to next cycle when stop correspondence on account was set to YES. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33351805 | SR: 3-27019774391<br><br>While creating an account on boarding request for LEASE account with insurance details, System errors out with error Desc "Insurance plan code not applicable for Lease". | Fix has been provided by adding the missing columns which was missed while moving data from Itable to base table. |
| 33224660 | SR: 3-26688282081<br><br>System marked several accounts delinquent and sent emails which had a balance on the Admin fee only. However, DLQ email is not sent until an account is 10 days DLQ. | Fix has been provided by adding a system parameter ACC_MATURITY_DELQ_EXCLUDED such that - if the parameter value is 'N' then system will not post delinquency condition on matured account only if there is some Late Charge or Other fee unpaid on the matured account. However system will post delinquency condition on matured account only if there is some Principal or Interest unpaid on the matured account.<br><br>If the parameter value is 'Y' then system will post delinquency condition on matured account if there is some Principal, Interest, Late Charge or any other fee unpaid on the account. |
| 33486669 | There is performance issue noticed while processing ITUPRC_BJ_100_01 batch job process. | Fix has been provided by changing logic into file-wise Commit and also some code level modifications. |
| 33507249 | There is performance issue noticed while processing QCCPRC_BJ_100_01 batch job process. | Fix has been provided by adding 'SYSTEM_UNDER_MAINTENANCE' Condition check in QCCPRC_EM_100_01 batch job process.<br><br>Batch job doesn't pick the records if System Under Maintenance parameter value is updated to 'Y' and the processing. Batch job is picking and processing the records only when System Under Maintenance parameter value is 'N'.<br><br>However, additional fix is provided such that batch job checks if the current system date is 2 hours before the EOD Run Date Next. If it is between 2 hours interval it will stop QCS/QCC BJ Jobs .Else, it will run. |

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# 13.  Patch Release 14.10.0.0.11

## 13.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 13.2 Seed Data changes for Impacted Bugs

NA

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## 13.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33493639 | SR: 3-27457216561<br><br>For API conversion of accounts 'data insert NVL' condition check is required to be added for equity_out_amt and equity_in_amt columns. | Fix has been provided such that, NVL condition check has been added for acc_equity_out_amt, acc_equity_in_amt columns in the code for API conversion. |
| 33558926 | SR: 3-27657254281<br><br>System posts CHARGEOFF transaction on account with status UNDEFINED for a master account.<br><br>Even if posted with parameter as YES for PROCESS MASTER ASSOCIATED, it should not do this since it is not a real master / child association. | Fix has been provided by adding a validation so that if account does not have any master accounts, then PROCESS MASTER ACCOUNT option cannot be selected as YES". |
| 33500969 | SR: 3-27471209091<br><br>In the lease calculator API, Calculate Rate is function is not working as expected. | Since assigning the input values to calculation variables is missing for CALCULATE_RATE, the same has been added to resolve the issue. |
| 33500492 | SR: 3-27470498781<br><br>The Conversion Line Accounts for which open CTD balance equal to the paid balance are not getting moved to itables | Fix has been provided with code changes such to move the data to itables when the open CTD balance is equal to the paid balance. |
| 33488888 | SR: 3-27427321361<br><br>There is a securitization issue in 'pool_account_txns' table since the 'All ' company GL date is stored under column 'PAT_GL_POST_DT' | Fix has been provided with code change to store the pool specific company GL date. |
| 33464272 | SR: 3-27347127691<br><br>It is found that Account Receivable amount does not include open balance during migration of Line Accounts. | Fix has been provided with changes in code logic such that the Account Receivable amount reflect the same in both original account as well as converted account. |
| 33533443 | SR: 3-27543531351<br><br>System does not allow to add the tracking attribute value if the specific attribute was not loaded at the time of account creation. | Fix has been provided to support the file upload functionality for account tracking attributes and new tracking attributes are inserted and updated correctly. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33165280 | SR: 3-26560332831<br><br>Unable to migrate accounts which are post maturity date but have unpaid dues due to edit. | Fix has been provided by adding a validation so that system allows to migrate the accounts which are post maturity date and having unpaid dues. |
| 33513446 | SR: 3-27514917291<br><br>There is a discrepancy noted in in Mock statement REC 1 (MASTER SUMMARY RECORD) and due to this issue users cannot have correct total Current Due Amount. | Fix has been provided with code changes to update the field 42 to populate consolidated amount for Master account and individual amount for associated accounts. |
| 33455717 | SR: 3-27320310901<br><br>It is noticed that CustomerTrackingAttribute update REST API service deletes the previous records and inserts a new records.<br><br>It should either update the existing record with the new value or avoid the hard delete by marking the old record with Enabled = N. | Fix has been provided with code changes such that system allow to update if the tracking attribute exists, else system will insert new record. |

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# 14. Patch Release 14.10.0.0.12

## 14.1 Enhancements

| Enhancement | Description |
| --- | --- |
| Reschedule billing Cycle Txn - Additional Validations | Introduced additional validations while posting 'Reschedule Billing Cycle Txn' w.r.t flags ACC_LTC_MASTER_CONSOL_IND_CUR, ACC_CBL_MASTER_CONSOL_IND_CUR and ACC_CBC_MASTER_CONSOL_IND_CUR |
| Securitization Enhancement – Adding Accounts to Pool | System has been enhanced to allow adding accounts with specific account status along with ACTIVE status, based on a system parameter. |
| Master Customer Statement Changes | If consumers have Master and Associated accounts and If at all the system generates the statement for all accounts in that combination (Master + associated accounts), then only systems hands-over the statement information else, it will not handover few accounts. |
| Auto allocation of Master Excess Amount | System is enhanced to auto allocate excess Amount at the Line Master Account to Associated Accounts with the help of new company parameter and the new batch job. |
| Field Access to Vacation Ownership tab | Provided field level access to Vacation Ownership tab to restrict access to few key fields like Points to some business users. |
| Reversal Transaction Support in the Transaction Upload | System is enhanced to provide Reversal of the transactions through Bulk Upload. |
| Securitization File Upload Enhancement | System is enhanced to accept the 'Reason Code' while uploading the file. |

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### 14.1.1 Reschedule billing Cycle Txn - Additional Validations

#### 14.1.1.1 Overview

The below points indicate the current functionality which exists in the system and changes required in the same:

- The 'RESCHEDULE BILL CYCLE' transaction is validates only the 'Process Associated Accounts' flag.

- System also need to validate the fee related flags while posting the transaction: ACC_LTC_MASTER_CONSOL_IND_CUR, ACC_CBL_MASTER_CONSOL_IND_CUR and ACC_CBC_MASTER_CONSOL_IND_CUR

- Also, additional checks are provided to validate the transaction, based on Master or Associated account on which transaction is initiated.

#### 14.1.1.2 Description

Following are the changes done to support the new functionality:

3. Introduced a new transaction parameter 'PROCESS STATEMENT CONSOLIDATED ACCOUNTS'.

- If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is **N**, then system validates all accounts based on other txn parameter values (current behavior)

- If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is **Y**, and the account where "RESCHEDULE_BILL_CYCLE" is being initiated has Statement Consolidation Flag as N, then ignores the parameter (current behavior).

- If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is **Y** and the account where "RESCHEDULE_BILL_CYCLE" is being initiated has Statement Consolidation Flag as Y, then validate and process accounts with Statement Consolidation **Y** and based on rest of the txn parameter values.

- If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is 'Y' and PROCESS MASTER ASSOCIATED ACCOUNTS = 'Y' and transaction is initiated from 'Associate Account/ Master account', where statement consolidation is 'N' on that associate or master account then system has to raise the following error: 'Process Statement Consolidated parameter should be NO'.

4. System validates the following flags, to post the transaction on master or associate accounts while allowing or disallowing the transaction →ACC_LTC_MASTER_CONSOL_IND_CUR, ACC_CBL_MASTER_CONSOL_IND_CUR and ACC_CBC_MASTER_CONSOL_IND_CUR.

#### 14.1.1.3 Seed Data

Following are the seed data changes:

| SI | TABLE | KEY DATA | TYPE |
|----|-------|----------|------|
| 1 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TXN\|002157\|PROCESSSTATEMENTCONSOLIDATEDPARAMETERSHOULDBENO\|SYS\|MSG-SE | INSERT |
| 2 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN\|TXN_PROCESS_STMT_CONSL_ACC_IND | INSERT |
| 3 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN\|TXN_BILL_CYCLE_CD | UPDATE |

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| SI | TABLE | KEY DATA | TYPE |
|---|---|---|---|
| 4 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN\|TXN_LS_EARLY_TERMN_TRM | UPDATE |
| 5 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_PROCESS_STMT_CONSL_ACC_IND | INSERT |
| 6 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_BILL_CYCLE_CD | UPDATE |
| 7 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_PROCESS_PRD_TYPE_IND | UPDATE |
| 8 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_PREBILL_DAYS | UPDATE |
| 9 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_DUE_DAY_MIN | UPDATE |
| 10 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_DUE_DAY_MAX | UPDATE |
| 11 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXM_MAX_DUE_DAY_CHANGE | UPDATE |
| 12 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_DUE_DT_NEXT | UPDATE |
| 13 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_PMT_AMT | UPDATE |
| 14 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_TERM | UPDATE |
| 15 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_RESIDUAL_PER | UPDATE |
| 16 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_LATE_CHG_GRACE_DAYS | UPDATE |
| 17 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_LS_EARLY_TERMN_TRM | UPDATE |
| 18 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_COMMENTS | UPDATE |

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### 14.1.2 Securitization Enhancement – Add Accounts to pool with specific statuses

#### 14.1.2.1 Overview

Currently, system allows to ADD accounts with ACTIVE status only, once the pool status is progressed ahead from NEW status.

#### 14.1.2.2 Description

System allows to add the PAID-OFF, CHARGED OFF, TRADED and TERMINATION accounts to a securitization pool based on "POOL_ACTIVE_ACCOUNTS_ONLY" system parameter using following functionalities:

- Web services
  - ➢ Create Securitization Service
- File upload
  - ➢ ISCPRC_BJ_100_01
- User interface
  - ➢ Servicing >Securitization >Pool Transactions >Add Account Txn.

**Following validations are handled in the system:**

- If the system parameter POOL_ACTIVE_ACCOUNTS_ONLY set to Y, then system allows only the Active accounts to be added to pool using Web services, File Upload and User interface.
- If the system parameter POOL_ACTIVE_ACCOUNTS_ONLY set to N, then system allows adding "ACTIVE, PAID-OFF, CHARGED OFF, TRADED and TERMINATION" accounts to pool using Web services, File Upload and User interface.
- System refers the existing system parameter to allow addition of accounts on pool.

**Note:** In case of reversal of paid off status on an account, business user should ensure the GL impact (if any) on paid off accounts outside the system manually.
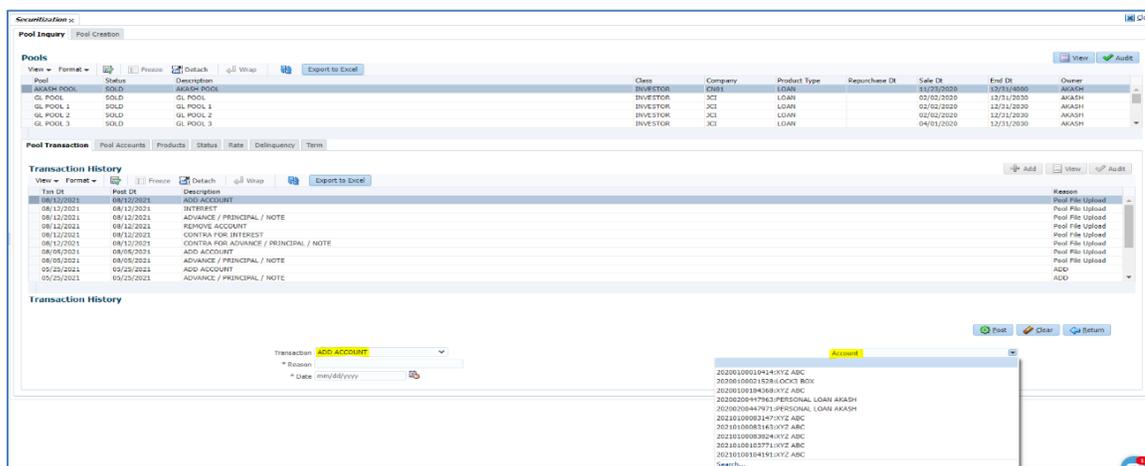


#### 14.1.2.3 Seed Data

Following are the seed data changes:

| SI | Table | Key Data | Type |
|----|-------|----------|------|

| SI | Table | Key Data | Type |
|---|---|---|---|
| 1 | TRANSLATION_DATA | SYS\|SYS\|SYS\|SEC\|002032\|POOLSTAT USNOTINALLOWEDLIST.ADDACCOUN TTRANSACTIONNOTALLOWED.\|SYS\| MSG-SE | INSERT |
| 2 | LOOKUPS | SEC_ACCOUNT_STATUS_CD\|TRADE D | INSERT |

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### 14.1.3 Master Customer Statement - Consolidation Check

#### 14.1.3.1 Overview

For any of the consumer accounts having master and associated accounts, it is required to stop the generation of Master Customer Statement if all the eligible Associated Accounts-related Due/Statement does not generate on particular bill date. If the system generates the statement for all accounts in that combination (Master + associate accounts), then only the system needs to create the statement.

#### 14.1.3.2 Description

While generating the Master Customer Statement, if any of the eligible Master or Associated Account's statements is missing for consolidation, the system will skip (not pick) the Master Customer statement preparation for that particular Master Account and its associated accounts.

For example, if Master Account M1 and Associated Accounts A1, A2 and A3 are eligible for statement consolidation.

- Assume, on the billing date, for any reason, if A3 due/statement creation failed in DDT batch job, then Master Account M1 consolidation statement will be skipped as part of "OSTPRC_BJ_100_02" MASTER CUSTOMER STATEMENT GENERATION batch job (no error will be logged). The Master Account (M1) will be marked with a condition (i.e., STATEMENT CONSOLIDATION ISSUE).

- "OSTPRC_BJ_100_02" MASTER CUSTOMER STATEMENT GENERATION batch job will be processed the Master Account M1 consolidated statement only when all the eligible Associated Accounts statements are generated (in this example A1, A2 and A3). Once the processing happens, the condition opened above (STATEMENT CONSOLIDATION ISSUE) will be closed.

- If the issue with A3 is resolved and DDT batch job generates the Due/Statement for Account A3, subsequently OSTPRC_BJ_100_02: MASTER CUSTOMER STATEMENT GENERATION batch job will generate the Consolidation Statement for Master Account M1, as all the eligible Associated Accounts statements are available (in this example A1,A2 and A3).

#### 14.1.3.3 Seed Data

NA

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## 14.1.4 Auto allocation of Master Excess Amount

### 14.1.4.1 Overview

Currently there is no functionality available to auto allocate excess Amounts sitting at the Master Account to Associated Accounts. This enhancement is intended to support the auto allocation of Master Account level excess to Associated Accounts.

### 14.1.4.2 Description

**New Company Parameter:**

Added a new **company** parameter, "MASTER EXCESS AMOUNT ALLOCATION", to determine whether the billing batch job would allocate the excess Amount to generated dues or not at the company level.

- If this parameter is set to "Y", billing batch job allocates do the excess amount allocation to generated due (existing process should be As-Is) for the allowed company.
- If this parameter is set to "N", the billing batch job does not allocate the excess Amount to generated dues.
- The default value for this parameter is set to "Y" for 'All' Company and 'All' Branch.
- This process is applicable only for the Master Account flag = "Y". For non-master accounts, this process is not applicable as the excess amount allocation will be As-Is.

Added the following new transactions similar to Payment/Payment Reverse transactions.

New Statement Transaction Types to the "STM_TXN_TYPE_CD" lookup.

- MASTER PAYMENT EXCESS
- REVERSE MASTER PAYMENT EXCESS

**Note**: This process is now enabled only if the Master account is 'Line' Account (Product Type = LN & Funding Type 'OE').

**New Batch Job:**

Added a new batch "**Auto Allocation of Master Excess Amount** [TXNMEA_BJ_100_01]" under SET-TPE to allocate the excess Amount sitting in Master Account to Master and Associated Accounts based on "Payment Hierarchy" definition setup at Master Account level.

- The priority of picking the Payment Hierarchy method is as follows.
  - ➢ Customer Service >Account Details >Payment Hierarchy
  - ➢ Customer Service >Customer Details > Payment Hierarchy
  - ➢ Customer Service >Business Details > Payment Hierarchy
  - ➢ Setup>System Parameters > CUSTOMER DEFAULT PAYMENT HIERARCHY
- After arriving at the Amount to be posted to each account based on payment hierarchy, the batch job will post the "Master Payment Excess" transaction with the Amount.
- This batch job also updates the Statement fields and include the transaction posted by the batch job if the GL date = DDT run date last and if the generated bill's Last Pmt Dt is not Null.
- Even after allocating the Amount based on "Hierarchy Definition" and Excess Handling method, if still, any amount remains will be placed in the Master Account as Excess Amount.

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> ➢ If the Excess Handling method is set to "Suspense" in this case, the remaining excess Amount will remain on master after allocating based on Payment Hierarchy.

- If there is no "Payment Hierarchy" method configured in the above-mentioned places, the batch job will be errored out the Master Account saying "No Payment Hierarchy available".

**Transaction level behavior:**

Following is the behaviour in case of reversal and reposting, i.e., when there is a backdated transaction has been posted or any transaction has been reversed which causes a new transaction needs to be reposted:

- If the excess at the Master level is greater than or equal to the current transaction amount, then post with the current transaction amount, else posts with 0.
  - ➢ During EOD, when TXNMEA_BJ_100_01 Batch job gets executed, it takes care of redistributing. So, if the excess was increased due to a backdated payment posting, then the new transaction(s) should always result in the current Amount (NO RECALCULATION).
  - ➢ If the excess Amount was reduced due to reversal of some past payment, then system validates if the current excess is sufficient to cover the transaction amount or not. If not sufficient, system posts with 0; else posts with the current transaction amount.
- As part of this reversal and reporting with new excess Amount, system does not update the statement fields and transactions as these statements are already sent to customers.

Any adjust plus transactions posted on Master or Associated accounts, consumes the Master Account level Excess amount based on the Payment Hierarchy using TXNMEA_BJ_100_01 batch job not immediately after posting the transaction.

- If an Adjust+ transaction is posted after the Latest Due date, system does NOT get any payment allocation on the same day since this adjust + transaction is still not part of any due, and the customer is not even aware of this due yet, and this Adjust + transaction will be part of next bill. Hence, after executing a TXNMEA_BJ_100_01 batch job, the new Adjust+ transaction amount will be knocked off.

### 14.1.4.3    Seed Data

Following are the seed data changes:

| SI | Table | Key Data | Type |
|----|-------|----------|------|
| 1 | TXN_CODES | MASTER_EXCESS_ALLOCATION | INSERT |
| 2 | TXN_CODES | MASTER_EXCESS_ALLOCATION_REV | INSERT |
| 3 | LOOKUPS | STM_TXN_TYPE_CD\|MASTER_EXCESS_ALLOCATION | INSERT |
| 4 | LOOKUPS | STM_TXN_TYPE_CD\|MASTER_EXCESS_ALLOCATION _REV | INSERT |
| 5 | JOBS | SET-TPE\|TXNMEA_BJ_100_01\|ALL | INSERT |

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### 14.1.5 Field Access to Vacation Ownership tab

#### 14.1.5.1 Overview

Provided field level access to Vacation Ownership tab since it is required to restrict access to few key fields like Points to some business users.

#### 14.1.5.2 Description

Provided field level access (including headers) to following vacation ownership fields in Servicing > Customer Service > Collateral > Home > Vacation Ownership tab.

- Field access keys provided for vacation ownership fields in Setup > Access> Screen > Field Access Definition.



Provided the field level access (including headers) to following vacation ownership fields in Servicing > Collateral Management > Home > Vacation Ownership tab.



#### 14.1.5.3 Seed Data

Following are the seed data changes:

| SI | Table | Key Data | Type |
|----|-------|----------|------|

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 1 | FIELD_REPOSITORY | UcsAseVacVO.AseAssociationCd\|UcsAseVacVO\|AseAssociationCd | INSERT |
| 2 | FIELD_REPOSITORY | UcsAseVacVO.AseBillingPoints\|UcsAseVacVO\|AseBillingPoints | INSERT |
| 3 | FIELD_REPOSITORY | UcsAseVacVO.AseBuildingCd\|UcsAseVacVO\|AseBuildingCd | INSERT |
| 4 | FIELD_REPOSITORY | UcsAseVacVO.AseClubInd\|UcsAseVacVO\|AseClubInd | INSERT |
| 5 | FIELD_REPOSITORY | UcsAseVacVO.AseClubNameCd\|UcsAseVacVO\|AseClubNameCd | INSERT |
| 6 | FIELD_REPOSITORY | UcsAseVacVO.AseExpiryDt\|UcsAseVacVO\|AseExpiryDt | INSERT |
| 7 | FIELD_REPOSITORY | UcsAseVacVO.AseGrandFatherPoints\|UcsAseVacVO\|AseGrandFatherPoints | INSERT |
| 8 | FIELD_REPOSITORY | UcsAseVacVO.AseInventorySiteCd\|UcsAseVacVO\|AseInventorySiteCd | INSERT |
| 9 | FIELD_REPOSITORY | UcsAseVacVO.AseMembership1Ind\|UcsAseVacVO\|AseMembership1Ind | INSERT |
| 10 | FIELD_REPOSITORY | UcsAseVacVO.AseMembership2Ind\|UcsAseVacVO\|AseMembership2Ind | INSERT |
| 11 | FIELD_REPOSITORY | UcsAseVacVO.AseMembership3Ind\|UcsAseVacVO\|AseMembership3Ind | INSERT |
| 12 | FIELD_REPOSITORY | UcsAseVacVO.AseMembership4Ind\|UcsAseVacVO\|AseMembership4Ind | INSERT |
| 13 | FIELD_REPOSITORY | UcsAseVacVO.AseMembership5Ind\|UcsAseVacVO\|AseMembership5Ind | INSERT |
| 14 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr10Dt\|UcsAseVacVO\|AseOtherAtr10Dt | INSERT |
| 15 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr1Cd\|UcsAseVacVO\|AseOtherAtr1Cd | INSERT |
| 16 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr2Cd\|UcsAseVacVO\|AseOtherAtr2Cd | INSERT |
| 17 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr3Cd\|UcsAseVacVO\|AseOtherAtr3Cd | INSERT |
| 18 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr4Cd\|UcsAseVacVO\|AseOtherAtr4Cd | INSERT |

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| SI | Table | Key Data | Type |
|----|-------|----------|------|
| 19 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr5Cd\|UcsAseVacVO\|AseOtherAtr5Cd | INSERT |
| 20 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr6Dt\|UcsAseVacVO\|AseOtherAtr6Dt | INSERT |
| 21 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr7Dt\|UcsAseVacVO\|AseOtherAtr7Dt | INSERT |
| 22 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr8Dt\|UcsAseVacVO\|AseOtherAtr8Dt | INSERT |
| 23 | FIELD_REPOSITORY | UcsAseVacVO.AseOtherAtr9Dt\|UcsAseVacVO\|AseOtherAtr9Dt | INSERT |
| 24 | FIELD_REPOSITORY | UcsAseVacVO.AsePhaseNbrCd\|UcsAseVacVO\|AsePhaseNbrCd | INSERT |
| 25 | FIELD_REPOSITORY | UcsAseVacVO.AsePlusMembershipTypeInd\|UcsAseVacVO\|AsePlusMembershipTypeInd | INSERT |
| 26 | FIELD_REPOSITORY | UcsAseVacVO.AsePoints\|UcsAseVacVO\|AsePoints | INSERT |
| 27 | FIELD_REPOSITORY | UcsAseVacVO.AsePrMarkingInd\|UcsAseVacVO\|AsePrMarkingInd | INSERT |
| 28 | FIELD_REPOSITORY | UcsAseVacVO.AseProrationPointsInd\|UcsAseVacVO\|AseProrationPointsInd | INSERT |
| 29 | FIELD_REPOSITORY | UcsAseVacVO.AseResaleInd\|UcsAseVacVO\|AseResaleInd | INSERT |
| 30 | FIELD_REPOSITORY | UcsAseVacVO.AseResortCd\|UcsAseVacVO\|AseResortCd | INSERT |
| 31 | FIELD_REPOSITORY | UcsAseVacVO.AseSignGrandFatherInd\|UcsAseVacVO\|AseSignGrandFatherInd | INSERT |
| 32 | FIELD_REPOSITORY | UcsAseVacVO.AseTravelDt\|UcsAseVacVO\|AseTravelDt | INSERT |
| 33 | FIELD_REPOSITORY | UcsAseVacVO.AseUnitCd\|UcsAseVacVO\|AseUnitCd | INSERT |
| 34 | FIELD_REPOSITORY | UcsAseVacVO.AseUnitTypeCd\|UcsAseVacVO\|AseUnitTypeCd | INSERT |

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| SI | Table | Key Data | Type |
|----|-------|----------|------|
| 35 | FIELD_REPOSITORY | UcsAseVacVO.AseUsageStartDt\|UcsAseVacVO\|AseUsageStartDt | INSERT |
| 36 | FIELD_REPOSITORY | UcsAseVacVO.AseUsageTypeCd\|UcsAseVacVO\|AseUsageTypeCd | INSERT |
| 37 | FIELD_REPOSITORY | UcsAseVacVO.AseWeekCd\|UcsAseVacVO\|AseWeekCd | INSERT |
| 38 | FIELD_REPOSITORY | UcsAseVacVO.DspAssociationCd\|UcsAseVacVO\|DspAssociationCd | INSERT |
| 39 | FIELD_REPOSITORY | UcsAseVacVO.DspBuildingCd\|UcsAseVacVO\|DspBuildingCd | INSERT |
| 40 | FIELD_REPOSITORY | UcsAseVacVO.DspClubInd\|UcsAseVacVO\|DspClubInd | INSERT |
| 41 | FIELD_REPOSITORY | UcsAseVacVO.DspClubNameCd\|UcsAseVacVO\|DspClubNameCd | INSERT |
| 42 | FIELD_REPOSITORY | UcsAseVacVO.DspInventorySiteCd\|UcsAseVacVO\|DspInventorySiteCd | INSERT |
| 43 | FIELD_REPOSITORY | UcsAseVacVO.DspMembership1Ind\|UcsAseVacVO\|DspMembership1Ind | INSERT |
| 44 | FIELD_REPOSITORY | UcsAseVacVO.DspMembership2Ind\|UcsAseVacVO\|DspMembership2Ind | INSERT |
| 45 | FIELD_REPOSITORY | UcsAseVacVO.DspMembership3Ind\|UcsAseVacVO\|DspMembership3Ind | INSERT |
| 46 | FIELD_REPOSITORY | UcsAseVacVO.DspMembership4Ind\|UcsAseVacVO\|DspMembership4Ind | INSERT |
| 47 | FIELD_REPOSITORY | UcsAseVacVO.DspMembership5Ind\|UcsAseVacVO\|DspMembership5Ind | INSERT |
| 48 | FIELD_REPOSITORY | UcsAseVacVO.DspOtherAtr1Cd\|UcsAseVacVO\|DspOtherAtr1Cd | INSERT |
| 49 | FIELD_REPOSITORY | UcsAseVacVO.DspOtherAtr2Cd\|UcsAseVacVO\|DspOtherAtr2Cd | INSERT |
| 50 | FIELD_REPOSITORY | UcsAseVacVO.DspOtherAtr3Cd\|UcsAseVacVO\|DspOtherAtr3Cd | INSERT |
| 51 | FIELD_REPOSITORY | UcsAseVacVO.DspOtherAtr4Cd\|UcsAseVacVO\|DspOtherAtr4Cd | INSERT |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 52 | FIELD_REPOSITORY | UcsAseVacVO.DspOtherAtr5Cd\|UcsAseVacVO\|DspOtherAtr5Cd | INSERT |
| 53 | FIELD_REPOSITORY | UcsAseVacVO.DspPhaseNbrCd\|UcsAseVacVO\|DspPhaseNbrCd | INSERT |
| 54 | FIELD_REPOSITORY | UcsAseVacVO.DspPlusMembershipTypeInd\|UcsAseVacVO\|DspPlusMembershipTypeInd | INSERT |
| 55 | FIELD_REPOSITORY | UcsAseVacVO.DspPrMarkingInd\|UcsAseVacVO\|DspPrMarkingInd | INSERT |
| 56 | FIELD_REPOSITORY | UcsAseVacVO.DspProrationPointsInd\|UcsAseVacVO\|DspProrationPointsInd | INSERT |
| 57 | FIELD_REPOSITORY | UcsAseVacVO.DspResaleInd\|UcsAseVacVO\|DspResaleInd | INSERT |
| 58 | FIELD_REPOSITORY | UcsAseVacVO.DspResortCd\|UcsAseVacVO\|DspResortCd | INSERT |
| 59 | FIELD_REPOSITORY | UcsAseVacVO.DspSignGrandFatherInd\|UcsAseVacVO\|DspSignGrandFatherInd | INSERT |
| 60 | FIELD_REPOSITORY | UcsAseVacVO.DspUnitCd\|UcsAseVacVO\|DspUnitCd | INSERT |
| 61 | FIELD_REPOSITORY | UcsAseVacVO.DspUnitTypeCd\|UcsAseVacVO\|DspUnitTypeCd | INSERT |
| 62 | FIELD_REPOSITORY | UcsAseVacVO.DspUsageTypeCd\|UcsAseVacVO\|DspUsageTypeCd | INSERT |
| 63 | FIELD_REPOSITORY | UcsAseVacVO.DspWeekCd\|UcsAseVacVO\|DspWeekCd | INSERT |
| 64 | FIELD_REPOSITORY | UasAseVacVO.AseAssociationCd\|UasAseVacVO\|AseAssociationCd | INSERT |
| 65 | FIELD_REPOSITORY | UasAseVacVO.AseBillingPoints\|UasAseVacVO\|AseBillingPoints | INSERT |
| 66 | FIELD_REPOSITORY | UasAseVacVO.AseBuildingCd\|UasAseVacVO\|AseBuildingCd | INSERT |
| 67 | FIELD_REPOSITORY | UasAseVacVO.AseClubInd\|UasAseVacVO\|AseClubInd | INSERT |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 68 | FIELD_REPOSITORY | UasAseVacVO.AseClubNameCd|UasAseVacVO|AseClubNameCd | INSERT |
| 69 | FIELD_REPOSITORY | UasAseVacVO.AseExpiryDt|UasAseVacVO|AseExpiryDt | INSERT |
| 70 | FIELD_REPOSITORY | UasAseVacVO.AseGrandFatherPoints|UasAseVacVO|AseGrandFatherPoints | INSERT |
| 71 | FIELD_REPOSITORY | UasAseVacVO.AseInventorySiteCd|UasAseVacVO|AseInventorySiteCd | INSERT |
| 72 | FIELD_REPOSITORY | UasAseVacVO.AseMembership1Ind|UasAseVacVO|AseMembership1Ind | INSERT |
| 73 | FIELD_REPOSITORY | UasAseVacVO.AseMembership2Ind|UasAseVacVO|AseMembership2Ind | INSERT |
| 74 | FIELD_REPOSITORY | UasAseVacVO.AseMembership3Ind|UasAseVacVO|AseMembership3Ind | INSERT |
| 75 | FIELD_REPOSITORY | UasAseVacVO.AseMembership4Ind|UasAseVacVO|AseMembership4Ind | INSERT |
| 76 | FIELD_REPOSITORY | UasAseVacVO.AseMembership5Ind|UasAseVacVO|AseMembership5Ind | INSERT |
| 77 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr10Dt|UasAseVacVO|AseOtherAtr10Dt | INSERT |
| 78 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr1Cd|UasAseVacVO|AseOtherAtr1Cd | INSERT |
| 79 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr2Cd|UasAseVacVO|AseOtherAtr2Cd | INSERT |
| 80 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr3Cd|UasAseVacVO|AseOtherAtr3Cd | INSERT |
| 81 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr4Cd|UasAseVacVO|AseOtherAtr4Cd | INSERT |
| 82 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr5Cd|UasAseVacVO|AseOtherAtr5Cd | INSERT |
| 83 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr6Dt|UasAseVacVO|AseOtherAtr6Dt | INSERT |
| 84 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr7Dt|Uas | INSERT |

| SI | Table | Key Data | Type |
|---|---|---|---|
| | | AseVacVO\|AseOtherAtr7Dt | |
| 85 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr8Dt\|Uas AseVacVO\|AseOtherAtr8Dt | INSERT |
| 86 | FIELD_REPOSITORY | UasAseVacVO.AseOtherAtr9Dt\|Uas AseVacVO\|AseOtherAtr9Dt | INSERT |
| 87 | FIELD_REPOSITORY | UasAseVacVO.AsePhaseNbrCd\|Uas AseVacVO\|AsePhaseNbrCd | INSERT |
| 88 | FIELD_REPOSITORY | UasAseVacVO.AsePlusMembership TypeInd\|UasAseVacVO\|AsePlusMe mbershipTypeInd | INSERT |
| 89 | FIELD_REPOSITORY | UasAseVacVO.AsePoints\|UasAseVa cVO\|AsePoints | INSERT |
| 90 | FIELD_REPOSITORY | UasAseVacVO.AsePrMarkingInd\|Ua sAseVacVO\|AsePrMarkingInd | INSERT |
| 91 | FIELD_REPOSITORY | UasAseVacVO.AseProrationPointsIn d\|UasAseVacVO\|AseProrationPointsI nd | INSERT |
| 92 | FIELD_REPOSITORY | UasAseVacVO.AseResaleInd\|UasAs eVacVO\|AseResaleInd | INSERT |
| 93 | FIELD_REPOSITORY | UasAseVacVO.AseResortCd\|UasAs eVacVO\|AseResortCd | INSERT |
| 94 | FIELD_REPOSITORY | UasAseVacVO.AseSignGrandFather Ind\|UasAseVacVO\|AseSignGrandFat herInd | INSERT |
| 95 | FIELD_REPOSITORY | UasAseVacVO.AseTravelDt\|UasAse VacVO\|AseTravelDt | INSERT |
| 96 | FIELD_REPOSITORY | UasAseVacVO.AseUnitCd\|UasAseV acVO\|AseUnitCd | INSERT |
| 97 | FIELD_REPOSITORY | UasAseVacVO.AseUnitTypeCd\|Uas AseVacVO\|AseUnitTypeCd | INSERT |
| 98 | FIELD_REPOSITORY | UasAseVacVO.AseUsageStartDt\|Ua sAseVacVO\|AseUsageStartDt | INSERT |
| 99 | FIELD_REPOSITORY | UasAseVacVO.AseUsageTypeCd\|Ua sAseVacVO\|AseUsageTypeCd | INSERT |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 100 | FIELD_REPOSITORY | UasAseVacVO.AseWeekCd\|UasAseVacVO\|AseWeekCd | INSERT |
| 101 | FIELD_REPOSITORY | UasAseVacVO.DspAssociationCd\|UasAseVacVO\|DspAssociationCd | INSERT |
| 102 | FIELD_REPOSITORY | UasAseVacVO.DspBuildingCd\|UasAseVacVO\|DspBuildingCd | INSERT |
| 103 | FIELD_REPOSITORY | UasAseVacVO.DspClubInd\|UasAseVacVO\|DspClubInd | INSERT |
| 104 | FIELD_REPOSITORY | UasAseVacVO.DspClubNameCd\|UasAseVacVO\|DspClubNameCd | INSERT |
| 105 | FIELD_REPOSITORY | UasAseVacVO.DspInventorySiteCd\|UasAseVacVO\|DspInventorySiteCd | INSERT |
| 106 | FIELD_REPOSITORY | UasAseVacVO.DspMembership1Ind\|UasAseVacVO\|DspMembership1Ind | INSERT |
| 107 | FIELD_REPOSITORY | UasAseVacVO.DspMembership2Ind\|UasAseVacVO\|DspMembership2Ind | INSERT |
| 108 | FIELD_REPOSITORY | UasAseVacVO.DspMembership3Ind\|UasAseVacVO\|DspMembership3Ind | INSERT |
| 109 | FIELD_REPOSITORY | UasAseVacVO.DspMembership4Ind\|UasAseVacVO\|DspMembership4Ind | INSERT |
| 110 | FIELD_REPOSITORY | UasAseVacVO.DspMembership5Ind\|UasAseVacVO\|DspMembership5Ind | INSERT |
| 111 | FIELD_REPOSITORY | UasAseVacVO.DspOtherAtr1Cd\|UasAseVacVO\|DspOtherAtr1Cd | INSERT |
| 112 | FIELD_REPOSITORY | UasAseVacVO.DspOtherAtr2Cd\|UasAseVacVO\|DspOtherAtr2Cd | INSERT |
| 113 | FIELD_REPOSITORY | UasAseVacVO.DspOtherAtr3Cd\|UasAseVacVO\|DspOtherAtr3Cd | INSERT |
| 114 | FIELD_REPOSITORY | UasAseVacVO.DspOtherAtr4Cd\|UasAseVacVO\|DspOtherAtr4Cd | INSERT |
| 115 | FIELD_REPOSITORY | UasAseVacVO.DspOtherAtr5Cd\|UasAseVacVO\|DspOtherAtr5Cd | INSERT |
| 116 | FIELD_REPOSITORY | UasAseVacVO.DspPhaseNbrCd\|UasAseVacVO\|DspPhaseNbrCd | INSERT |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 11 7 | FIELD_REPOSITORY | UasAseVacVO.DspPlusMembership TypeInd\|UasAseVacVO\|DspPlusMe mbershipTypeInd | INSERT |
| 11 8 | FIELD_REPOSITORY | UasAseVacVO.DspPrMarkingInd\|Ua sAseVacVO\|DspPrMarkingInd | INSERT |
| 11 9 | FIELD_REPOSITORY | UasAseVacVO.DspProrationPointsIn d\|UasAseVacVO\|DspProrationPoints Ind | INSERT |
| 12 0 | FIELD_REPOSITORY | UasAseVacVO.DspResaleInd\|UasAs eVacVO\|DspResaleInd | INSERT |
| 12 1 | FIELD_REPOSITORY | UasAseVacVO.DspResortCd\|UasAs eVacVO\|DspResortCd | INSERT |
| 12 2 | FIELD_REPOSITORY | UasAseVacVO.DspSignGrandFather Ind\|UasAseVacVO\|DspSignGrandFat herInd | INSERT |
| 12 3 | FIELD_REPOSITORY | UasAseVacVO.DspUnitCd\|UasAseV acVO\|DspUnitCd | INSERT |
| 12 4 | FIELD_REPOSITORY | UasAseVacVO.DspUnitTypeCd\|Uas AseVacVO\|DspUnitTypeCd | INSERT |
| 12 5 | FIELD_REPOSITORY | UasAseVacVO.DspUsageTypeCd\|U asAseVacVO\|DspUsageTypeCd | INSERT |
| 12 6 | FIELD_REPOSITORY | UasAseVacVO.DspWeekCd\|UasAse VacVO\|DspWeekCd | INSERT |

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## 14.1.6 <u>Reversal Transaction Support in Transaction Upload</u>

### 14.1.6.1 <u>Overview</u>

Currently, only "POST" Action Type is allowed for the transactions through Bulk Upload. Hence require a facility for Reversal of the transactions through Bulk Upload.

### 14.1.6.2 <u>Description</u>

To support Reversal of the transactions through Bulk Upload following are updated.

- Ensure that the upload file contains the Main (POST) Transaction Code (Not Reversal Transaction Code) to be reversed with action type as REVERSE.
- Updated the "SET-IFP", "ITUPRC_BJ_100_01" to UPLOAD TRANSACTIONS and "IDDPRC_BJ_000_02" for INPUT DATA INSERTION.
- While posting reversal, system checks for the access grid of transaction like (Status, Condition and Responsibility).
- If the Action Type is blank/null/not-provided then its assumed as normal transaction posting and not reversal.

  Following are the updated file parameters:

| Parameter | Description | Mandatory | Validations |
|-----------|-------------|-----------|-------------|
| ACC_NBR | Account number for which Transaction needs to be Reversed | Yes | NA |
| TXN_CODE | Transaction Code that needs to be Reversed | Yes | Transaction Code that is posted on the Account and needs to be Reversed. |
| TXN_DT | Transaction Date on which the Transaction was posted that needs to be Reversed | Yes | NA |
| TXN_AMT | Transaction Amount that needs to be Reversed | No | TXN_AMT would be OPTIONAL. Transactions where amount is not applicable OR multiple amount parameter exists then the AMT can be skipped or sent as blank. In such cases, only TXN_ DT and TXN_CODE will be used to find the original transaction. Transaction Amount will help where multiple transactions for same date might exist. For example Fee Txns. |

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| Parameter | Description | Mandatory | Validations |
|---|---|---|---|
| ACTION_TYPE | "REVERSE" should be mentioned for Reversal of the transaction | No | Action Type is required only for REVERSALS as the TXN CODE in file will be the main transaction code and not "_REV". If the Action Type is blank/null/not-provided then it will be assumed as normal transaction posting and not reversal. |

**Validations:**

- System validates to not accept "_REV" Transactions in file and prompts an error "REVERSAL ACTION TYPE TRANSACTION CODES ARE NOT ALLOWED".
- System validates for the correct ACTION_TYPE code and prompts an error "INVALID ACTION_TYPE CODE".
- If a Transaction for Reversal is not available, then system prompts an error "TRANSACTION NOT FOUND FOR REVERSAL".
- If Multiple Transactions are matching, then system prompts an error "MULTIPLE TRANSACTIONS FOUND FOR REVERSAL. PLEASE REVERSE MANUALLY".

## Sample Files:

**Sample 1**

Format - ATUPLOADLS009,FOTH1,REVERSE,TXN_DT,08022021,,TXN_AMT,100,,



itu_txn_upload_Reverse.txt - Notepad
ATUPLOADLS009,FOTH1,REVERSE,TXN_DT,08022021,,TXN_AMT,100,,
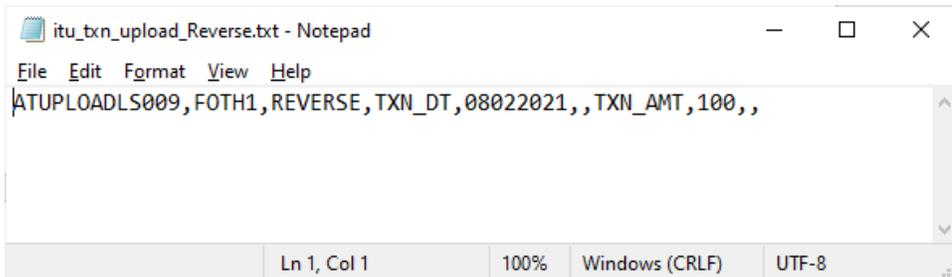
**Sample 2**

Format - ATUPLOADLS009,FOTH1,,TXN_DT,08022021,,TXN_AMT,200,,



itu_txn_upload_Post (2).txt - Notepad
ATUPLOADLS009,FOTH1,,TXN_DT,08022021,,TXN_AMT,200,,

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### 14.1.6.3  Seed Data

Following are the seed data changes:

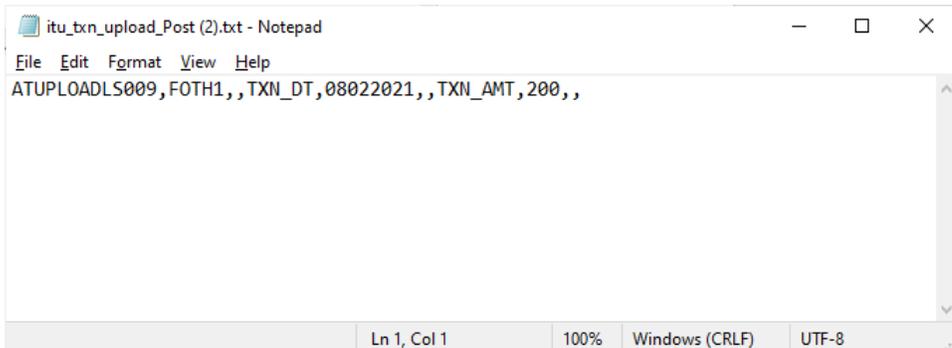| SI | Table | Key Data | Type |
|---|---|---|---|
| 1 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_TXN_ACTION_TYPE_CD\|TXNS_UPLOAD_EXT | INSERT |
| 2 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_TXN_STATUS_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 3 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER1_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 4 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE1\|TXNS_UPLOAD_EXT | UPDATE |
| 5 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN1\|TXNS_UPLOAD_EXT | UPDATE |
| 6 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER2_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 7 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE2\|TXNS_UPLOAD_EXT | UPDATE |
| 8 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN2\|TXNS_UPLOAD_EXT | UPDATE |
| 9 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER3_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 10 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE3\|TXNS_UPLOAD_EXT | UPDATE |
| 11 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN3\|TXNS_UPLOAD_EXT | UPDATE |
| 12 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER4_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 13 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE4\|TXNS_UPLOAD_EXT | UPDATE |
| 14 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN4\|TXNS_UPLOAD_EXT | UPDATE |
| 15 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER5_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 16 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE5\|TXNS_UPLOAD_EXT | UPDATE |
| 17 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN5\|TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|----|-------|----------|------|
| 18 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER6_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 19 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE6\|TXNS_UPLOAD_EXT | UPDATE |
| 20 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN6\|TXNS_UPLOAD_EXT | UPDATE |
| 21 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER7_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 22 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE7\|TXNS_UPLOAD_EXT | UPDATE |
| 23 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN7\|TXNS_UPLOAD_EXT | UPDATE |
| 24 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER8_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 25 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE8\|TXNS_UPLOAD_EXT | UPDATE |
| 26 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN8\|TXNS_UPLOAD_EXT | UPDATE |
| 27 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER9_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 28 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE9\|TXNS_UPLOAD_EXT | UPDATE |
| 29 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN9\|TXNS_UPLOAD_EXT | UPDATE |
| 30 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER10_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 31 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE10\|TXNS_UPLOAD_EXT | UPDATE |
| 32 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN10\|TXNS_UPLOAD_EXT | UPDATE |
| 33 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER11_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 34 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE11\|TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 35 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN11\|T XNS_UPLOAD_EXT | UPDATE |
| 36 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER12_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 37 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE12\| TXNS_UPLOAD_EXT | UPDATE |
| 38 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN12\|T XNS_UPLOAD_EXT | UPDATE |
| 39 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER13_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 40 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE13\| TXNS_UPLOAD_EXT | UPDATE |
| 41 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN13\|T XNS_UPLOAD_EXT | UPDATE |
| 42 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER14_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 43 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE14\| TXNS_UPLOAD_EXT | UPDATE |
| 44 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN14\|T XNS_UPLOAD_EXT | UPDATE |
| 45 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER15_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 46 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE15\| TXNS_UPLOAD_EXT | UPDATE |
| 47 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN15\|T XNS_UPLOAD_EXT | UPDATE |
| 48 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER16_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 49 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE16\| TXNS_UPLOAD_EXT | UPDATE |
| 50 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN16\|T XNS_UPLOAD_EXT | UPDATE |
| 51 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER17_CD\|TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 52 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE17\| TXNS_UPLOAD_EXT | UPDATE |
| 53 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN17\|T XNS_UPLOAD_EXT | UPDATE |
| 54 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER18_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 55 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE18\| TXNS_UPLOAD_EXT | UPDATE |
| 56 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN18\|T XNS_UPLOAD_EXT | UPDATE |
| 57 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER19_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 58 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE19\| TXNS_UPLOAD_EXT | UPDATE |
| 59 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN19\|T XNS_UPLOAD_EXT | UPDATE |
| 60 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER20_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 61 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE20\| TXNS_UPLOAD_EXT | UPDATE |
| 62 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN20\|T XNS_UPLOAD_EXT | UPDATE |
| 63 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER21_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 64 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE21\| TXNS_UPLOAD_EXT | UPDATE |
| 65 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN21\|T XNS_UPLOAD_EXT | UPDATE |
| 66 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER22_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 67 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE22\| TXNS_UPLOAD_EXT | UPDATE |
| 68 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN22\|T XNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 69 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER23_CD|TXNS_UPLOAD_EXT | UPDATE |
| 70 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE23| TXNS_UPLOAD_EXT | UPDATE |
| 71 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_SIGN23|T XNS_UPLOAD_EXT | UPDATE |
| 72 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER24_CD|TXNS_UPLOAD_EXT | UPDATE |
| 73 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE24| TXNS_UPLOAD_EXT | UPDATE |
| 74 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_SIGN24|T XNS_UPLOAD_EXT | UPDATE |
| 75 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER25_CD|TXNS_UPLOAD_EXT | UPDATE |
| 76 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE25| TXNS_UPLOAD_EXT | UPDATE |
| 77 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_SIGN25|T XNS_UPLOAD_EXT | UPDATE |
| 78 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER26_CD|TXNS_UPLOAD_EXT | UPDATE |
| 79 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE26| TXNS_UPLOAD_EXT | UPDATE |
| 80 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_SIGN26|T XNS_UPLOAD_EXT | UPDATE |
| 81 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER27_CD|TXNS_UPLOAD_EXT | UPDATE |
| 82 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE27| TXNS_UPLOAD_EXT | UPDATE |
| 83 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_SIGN27|T XNS_UPLOAD_EXT | UPDATE |
| 84 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_PARAMET ER28_CD|TXNS_UPLOAD_EXT | UPDATE |
| 85 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD|TUP_VALUE28| TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 86 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN28\|T XNS_UPLOAD_EXT | UPDATE |
| 87 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER29_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 88 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE29\| TXNS_UPLOAD_EXT | UPDATE |
| 89 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN29\|T XNS_UPLOAD_EXT | UPDATE |
| 90 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER30_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 91 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE30\| TXNS_UPLOAD_EXT | UPDATE |
| 92 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN30\|T XNS_UPLOAD_EXT | UPDATE |
| 93 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER31_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 94 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE31\| TXNS_UPLOAD_EXT | UPDATE |
| 95 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN31\|T XNS_UPLOAD_EXT | UPDATE |
| 96 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER32_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 97 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE32\| TXNS_UPLOAD_EXT | UPDATE |
| 98 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN32\|T XNS_UPLOAD_EXT | UPDATE |
| 99 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER33_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 100 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_VALUE33\| TXNS_UPLOAD_EXT | UPDATE |
| 101 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_SIGN33\|T XNS_UPLOAD_EXT | UPDATE |
| 102 | INPUT_FILE_RECORD_DET AILS | ITU_TXN_UPLOAD\|TUP_PARAMET ER34_CD\|TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|---|---|---|---|
| 103 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE34\|TXNS_UPLOAD_EXT | UPDATE |
| 104 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN34\|TXNS_UPLOAD_EXT | UPDATE |
| 105 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER35_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 106 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE35\|TXNS_UPLOAD_EXT | UPDATE |
| 107 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN35\|TXNS_UPLOAD_EXT | UPDATE |
| 108 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER36_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 109 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE36\|TXNS_UPLOAD_EXT | UPDATE |
| 110 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN36\|TXNS_UPLOAD_EXT | UPDATE |
| 111 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER37_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 112 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE37\|TXNS_UPLOAD_EXT | UPDATE |
| 113 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN37\|TXNS_UPLOAD_EXT | UPDATE |
| 114 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER38_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 115 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE38\|TXNS_UPLOAD_EXT | UPDATE |
| 116 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN38\|TXNS_UPLOAD_EXT | UPDATE |
| 117 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER39_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 118 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE39\|TXNS_UPLOAD_EXT | UPDATE |
| 119 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN39\|TXNS_UPLOAD_EXT | UPDATE |

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| SI | Table | Key Data | Type |
|----|-------|----------|------|
| 120 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_PARAMETER40_CD\|TXNS_UPLOAD_EXT | UPDATE |
| 121 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_VALUE40\|TXNS_UPLOAD_EXT | UPDATE |
| 122 | INPUT_FILE_RECORD_DETAILS | ITU_TXN_UPLOAD\|TUP_SIGN40\|TXNS_UPLOAD_EXT | UPDATE |

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### 14.1.7 Securitization File Upload Enhancement

#### 14.1.7.1    Overview

Currently in securitization file, there is no provision to provide 'Reason Code'. The securitization file upload need to be enhanced to consider a new element, 'Reason Code'.

#### 14.1.7.2    Description

In the securitization file upload, apart from 'Account Number' and 'Target Pool Name', 'Reason Code' also to be considered.

- The Reason Code is an optional field.
- In the case where Reason code is not provided, the current behaviour would be followed.
- Reason code is a simple text field and requires no validation.
- Batch job: ISCPRC_BJ_100_01 (SECURITISATION POOL FILE UPLOAD) is used for processing the same.

#### 14.1.7.3    Seed Data

NA

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## 14.2 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33648567 | In Tracking Attributes screen, on click of 'Load Tracking' button, existing tracking attribute's data are wiped off. | Fix has been provided by fixing the UI elements such that on click of 'Load Tracking' button, existing tracking attribute's data will not be wiped off. |
| 33616952 | SR: 3-27842815841<br><br>The lookup reference of 'Addl Product' is not as per 'Additional Product CD' LOV instead showing the 'Report Type' lookup values. | Fix has been provided such that the field 'Addl Product' drop down will list the values based on the lookup type 'CRB_ADDITIONAL_PRODUCT_CD' |
| 33607077 | It is found that ASEPRC_BJ_100_01 batch job has performance issue. | The fix has been provided by changing the Normal Update Process into Bulk Update. |
| 33558043 | SR: 3-27645950821<br><br>Unable to create and save a web hook request with oauth2 authentication. | Fix has been provided such that system allows to create and save web hook with oauth2 authentication. |
| 33682257 | Performance issues have been noted in GLIPRC batch job. | Fix has been provided by changing the Normal Insert & Update Process into Bulk Inserts & Updates. Now batch job picks and process the eligible records as expected. |
| 33582823 | SR: 3-27716336281<br><br>During trading of account, Trade from 3 Paid Off trade contracts failed with Equity Mismatch. | Fix has been provided such that while calculating Itemization values for the accounts, the values are not getting refreshed properly to take the right values. The values are reassigned properly before calculating itemization. |
| 33556322 | SR: 3-27648278351<br><br>GL entries file malformed in CLOB process when processing dates when system parameter for CMN_ODD_FILE_PROCESS_TO_LOB is Y. | Fix has been provided to handle the Data field with proper date format and the files are being generated with proper data. |
| 33597732 | SR: 3-27770662311<br><br>Field AAC_PMT_MODE_CD not defined as part of API_ACH_LOAN_EXT external table, but is part of seed data | Fix has been provided such that, the column AAC_PMT_MODE_CD was added to the external tables - API_ACH_LOAN_EXT & API_ACH_LEASE_EXT. |
| 33393581 | SR: 3-27136440171<br><br>Account Condition Table - update timestamp issue. | Fix has been provided such that now Account condition table is getting updated properly. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33345565 | SR: 3-26919850301<br><br>Currently oldest due date is getting derived, based on CMNDAT_CL_000_01.ADD_CYCLE this function call, but it should be derived based on account due date history table data, when account has the due date history in the .dat files. | Fix has been provided such that changes done to derive the 'oldest due date' based on account due date history table when there is no data in the transactions table. |
| 33693806 | When a manual adjust minus is posted followed by a payment, system shows negative balance for the corresponding balance type. | Since the payment was getting allocated without considering the manual adjust minus, the same has been addressed with the current release both for manual adjust minus and waive transactions. |
| 33606790 | The Mock Billing - Batch Processing took 12 Hrs to complete and the existing GLI batch job GLIPRC_BJ_100_01 (GL SUMMARIZATION) is running in single thread mode taking longer time to complete which is creating performance/bottle neck issues in production. | Following four changes are done to resolve the performance issue:<br><br>1) As per the existing process the batch job GLIPRC_BJ_100_01 - GL SUMMARIZATION processes both Transaction and Payment Allocations in single thread mode.<br><br>Introduced following two batch jobs to segregate and handle the processes separately:<br>1. GLIPRC_BJ_100_02 - GL SUMMARIZATION TXN<br>2. GLIPRC_BJ_100_03 - GL SUMMARIZATION PAL<br><br>However, note that:<br><br>• To run on single thread mode, user need to disable GLIPRC_BJ_100_02 and GLIPRC_BJ_100_03.<br><br>• If the process has to be run on multiple thread, then user need to enable the above and disable GLIPRC_BJ_100_01.<br><br>• Also, the sequence of execution is GLIPRC_BJ_100_02 followed by GLIPRC_BJ_100_03 since the later has dependency on first batch job.<br><br>• The batch job GLDPRC_BJ_100_01 has dependency on GLIPRC_BJ_100_01 in single thread mode, but in case of multi thread mode this need to be changed to GLIPRC_BJ_100_03.<br><br>2) Included QCC/QCS issue code changes. If any of company maintenance flag value is Y then BJ will not process any |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| | | records. |
| | | 3) When the Event_Entities table has more number of records with CRITERIA NOT MET Status, the records scan are taking time thus reducing the EVEPRC_BJ_100_02 performance. Hence, introducing the Purge Batch Job to purge the data from Event_Entities table with CRITERIA_NOT_MET status based on the system parameter. The System Parameter PEV_PURGE_DAYS is introduced to define the number of days beyond which the data has to be purged. Also, please execute the provided data fix script file once in the environment. The data fix script will do the following: <br><br> 1. Create a temporary table taking the records from EVENT_ENTITIES where status is not equal to CRITERIA_NOT_MET. <br><br> 2. Truncate EVENT_ENTITIES table. <br><br> 3. Reload Event_entities table from the temporary table. <br><br> 4. Drop Temporary Table. <br><br> 4) The itrprc_en_100_02 package has been modified with collection type. For all statements 2 new procedures been added load_fta_ftb_data and load_account_tracking to process the tracking attributes in bulk. |
| 33628658 | The EOD (End of Day) batch job processing is taking more time creating performance issues. | The fix has been provided by changing the Normal Update Process into Bulk Update. |
| 33639605 | Itemization queries are taking more time during CUP process creating performance issues. | Fix has been provided by fine tuning the below process: <br><br> • Total Itemization <br><br> • Group Itemization |
| 33654895 | SR: 3-27946209131 <br><br> Once a condition is created and closed user is not able to create the event again and also those events are not triggering. | Fix has been provided by adding the missing event triggers while re-enabling the condition. |

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# 15. Patch Release 14.10.0.0.13

## 15.1 <u>Enhancements</u>

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 15.2 <u>Seed Data changes for Impacted Bugs</u>

NA

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## 15.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33726523 | SR: 3-28190868941<br><br>Unable to post 'Account stop correspondence' transaction through events. | The issue was caused due to column mismatch in the view and fix has been provided by adding the required column in the view. |
| 33739674 | SR: 3-28380670831<br><br>Error in Billing Batch Job (TXNDDT_BJ_100_01) as some of the accounts are getting skipped during batch execution and as a result those accounts are not getting billed/processed. | Fix has been provided to properly delete the PL/SQL tables during the billing batch job run. |
| 33706116 | SR: 3-28083287951<br><br>The 'Points consolidation at Master and Associated accounts' are not happening as intended. | Fix has been provided with code changes to consolidate the asset billing points. |
| 33424896 | SR: 3-27267220618<br><br>Cycle based collection late fee should not be posted twice within the same day. Since the minimum frequency is weekly not daily.<br><br>During EOD the scheduler is submitting the job threads multiple times because of which batch jobs running twice and transactions are getting posted multiple times. | Fix has been provided not to start the thread if current thread is already in READY or RUNNING status. |
| 33704058 | SR: 3-28084534151<br><br>The batch job ACMPRC_BJ_100_01 under SET-API is used to migrate comments from API_ACM_EVW (based on the API_COMMENTS migration table) to the ACM_ACM_EVW (the COMMENTS table in servicing), but API_ACM_EVW hardcodes ACM_SEQ field as 0, leading to ACMPRC_BJ_100_01 not migrating all comments. | Fix has been provided such that, removed the hardcoded value and added nvl to handle only on null case. |
| 33679233 | SR: 3-28023805771<br><br>TRADE FIX transaction is not using TXN_DT given in parameter and instead using gl_post_dt. | Fix has been provided such that if the Txn date & GL date are different while posting the 'Trade Fix' txn system stamps Txn date on Transaction history tab. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33650790 | SR: 3-27941709761<br><br>Tracking attribute field accepts the field value of length = 80 char however from web services maximum of only 30 char value can be inserted. | Fix has been provided to accept 80 characters for the tracking attributes in Application Entry web services. |
| 33680297 | SR: 3-28022951661<br><br>Validation error during account on-board request on customer full name and employment name fields. | Fix has been provided such that system is allowing to on-board the account with Customer 'Full Name' having up to 240 char length & Employment 'Name' having up to 80 char length. |
| 33469800 | SR: 3-27366284551<br><br>1) 'TXNPMF_BJ_100_01' batch job creates entry for Cycle Based Collection Late Fee and Cycle Based Late Fee. Whereas these fees supposed to be created by TXNCBC and TXNCBL batch jobs. As these jobs also posts these fee's there is a duplicate entry of the same.<br><br>2) Periodic Maintenance Fee is calculated as 0 for calculation method PMF_PCT_STD_PMT. We have configured 10 % at Contract Fee level for this fee's | Fix has been provided such that,<br><br>1) Added condition to post only PMF<br><br>2) Added new calculation method for PMF calculation in percentile method.<br><br>PMF related changes are working as expected |
| 33766773 | SR: 3-28306058681<br><br>"Contact" field under Applicant > Employer is not updated via "Simple Application" web service call. | Fix has been provided by adding the Input value mapping to local collection variable. |
| 33772775 | SR: 3-28338814681<br><br>Issue noticed with Securitization reports new code deployment. | Fix has been provided such that Securitization reports converted into packages code for performance improvement |
| 33825023 | The ODD3 job is generating empty files. GL entries file malformed in CLOB process when processing dates, but for normal DB process it works fine | Fix has been provided to proper handling of the date datatype. |
| 33270296 | SR: 3-26808663431<br><br>Facing issue when "trade" transaction is posted as part of AOB request or posted manually from UI. | Fix has been provided to exclude the RESPONSIBILITY_CD checking for transaction group code EQT while posting TRADE related transactions as all the equity related transactions are posted internally. |

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| Bug Id | Bug Description | Fix Description |
|--------|----------------|-----------------|
| 33332937 | SR: 3-27092477000<br><br>ANN batch job is failing due to the error Transactions Purged, Backdating of Transaction is allowed up to, which is happening because in migration accounts the back dated Date is greater than LTC run date next because of which when<br><br>LTC BJ running it is posting ACTIVE and REVERSE active. As Reverse active posting all transactions from account active date. Due to this anniversary BJ throwing error Transactions Purged, Backdating of Transaction is allowed up to. | Fix has been provided such that, Edits have been introduced to stop the account migration when LTC RUN DATE NEXT is less than backdated date. |
| 33833512 | Presently in UAT back dated Billing and Late charge batch jobs are running for the accounts where Master excess allocation has been posted, the system reverses and reposts the Master excess allocation amount and this has hit the performance of Late charge and billing batch job | Fix has been provided with below changes:<br><br>1. Created Index for txn_group_id column.<br><br>2. Removed txn_aad_id <> iv_acc_rec.acc_aad_id; and compared inside the loop.<br><br>Now that Master excess allocation functionality with reversal of master excess payment is working fine. |
| 33513446 | SR: 3-27514917291<br><br>Issue Discrepancy in Mock statement REC 1 (MASTER SUMMARY RECORD). The REC1 Position 42 – Total Current Due Amount is only considering amount from master account not considering amounts from associated accounts | Fix has been provided such that, REC1 Position 42 – Total Current Due Amount in MASTER SUMMARY RECORD, now considers the amount from master and associated accounts. |

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# 16. Patch Release 14.10.0.0.14

## 16.1 <u>Enhancements</u>

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | 33923156 | ISSUE IN BIP REPORTS WRITING TO INPUT FILE PROCESSING |
| NA | NA | Re-design of the OFSLL Events framework with the removal of Oracle DB Asynchronous Queueing. |
| NA | Asset points Formula Parameter | New Total Asset points for Master and Associated accounts formula parameter. |
| Bug 33885338 | NA | OracleFSLLBureauAPI issue |

## 16.2 <u>BIP Reports Writing to Input File Processing</u>

This enhancement is done to resolve the issue related to writing BIP text report into INCOMING_PROCESS_FILE table based on customised job command.

### 16.2.1 <u>Existing Architecture</u>
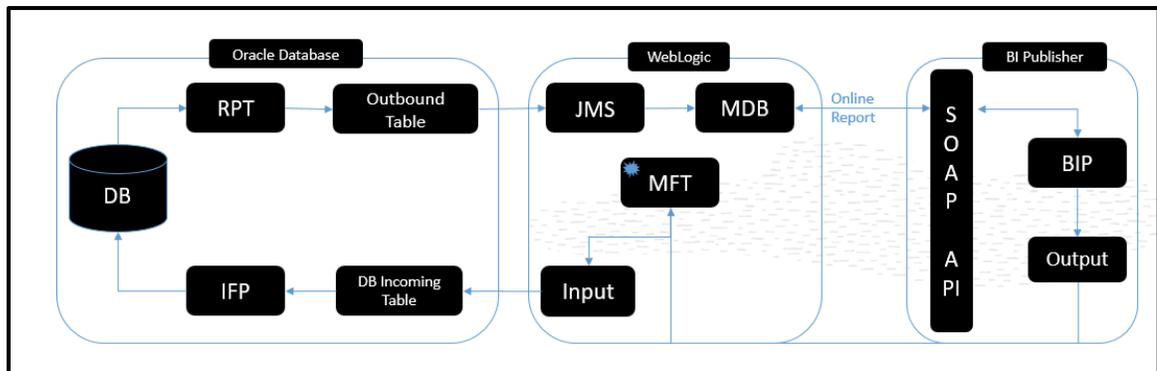


To support customization, OFSLL users need to know below workflow:

- **BIP Report** generates input file for OFSLL processing.
- The **OFSLL SET-PRT** batch job process hits the BIP and generates a data file.
- The **WebLogic MFT** moves the generated file from OFSLL – WebLogic to OFSLL – Input File processing.
- An **OFSLL delay job** is created for pausing IFP till the MFT moves the file.

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#### 16.2.1.1 Sample Command with MFT Flow

MODULE=" wynocsutd_em_100_01" DESTYPE=" File " DESNAME=archive
COPIES="1" DESFORMAT=text P_COMPANY="$COMPANY_CODE"
DESPATH=/scratch/bip

### 16.2.2 Enhanced Architecture
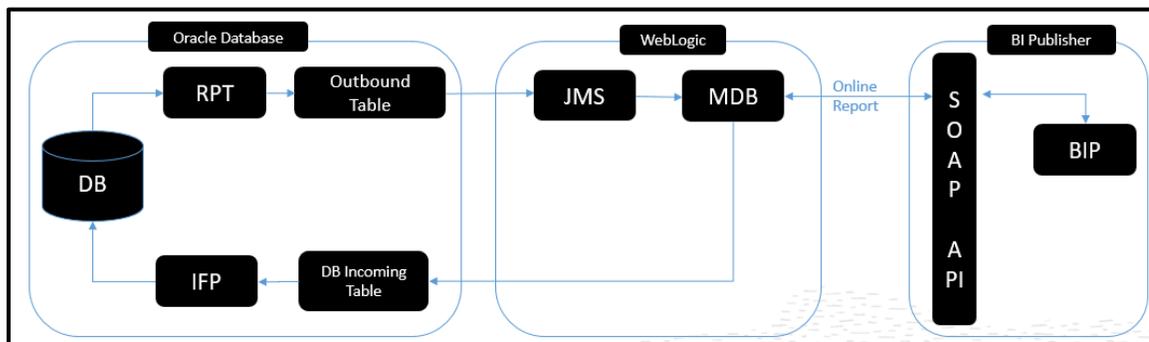


#### 16.2.2.1 Solution

The following modified job command calls the process of writing BIP report into the
INCOMING_PROCESS_FILE table.

#### 16.2.2.2 Sample Command without MFT

MODULE="wynocsutd_em_100_01" **DESTYPE="DB" INPUT_FILE_TYPE="ITU"
DESFORMAT=text** P_COMPANY="$COMPANY_CODE"

\*\*Highlighted are command changes

| Job Command | Description |
|---|---|
| **Sample Job Command**<br><br>MODULE="wynocsutd_em_100_01"<br>DESTYPE="DB"<br>INPUT_FILE_TYPE="ITU"<br>DESFORMAT=text<br>P_COMPANY="$COMPANY_CODE" | 1)DESTYPE="DB" will delegate the report content to INCOMING_PROCESS_FILE table.<br><br>2)INPUT_FILE_TYPE="ITU" is look up type value and will be inserted to IPF_TYPE_CD in INCOMING_PROCESS_FILE table<br><br>3) DESFORMAT should be text or csv |

### 16.2.3 BIP Server Configuration

- Sign in to BI Publisher with Administrator privileges.
- Click the Administration link.
- Under System Maintenance, click Server Configuration.
- Under General Properties in the System Temporary Directory property, enter the absolute path to a directory accessible to all servers in the cluster.

For example, the directory can exist under ${xdo.server.config.dir}/temp but you must enter the absolute path, such as /net/subfoldera/scratch/subfolderb/bicat/temp

Repeat this procedure for all servers in the cluster, entering the same value for System Temporary Directory.

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### 16.2.4 Reference

# 16.3 Re-design of OFSLL Events framework

This enhancement describes the re-design of OFSLL Events framework with the removal of Oracle DB Asynchronous Queueing.

### 16.3.1 Fix Description

- With the redesign, system Log's the event details into the new data store (EVENTS_LOG) when the event definition is available for online or batch posting instead of enqueuing events via AQ.
- A new background service is created similar to Job service (JSV)
  - This process will continuously poll for the unprocessed records on the EVENTS_LOG table.
  - A new asynchronous DBMS scheduler job will be submitted for each unprocessed event for Event criteria evaluation.
  - Events process will log the event actions into Event_Entitites data store post criteria check evaluation.
  - The existing flow will continue from here.
- The existing System Monitor > Services page will have the entry to Start/Stop Event Service.
- The existing events screen (System Monitor > Events) will show all the events message details and mapped to corresponding Event Actions.
- In case of an event message failure, a provision is there to re-submit the event record.
- As part of the 'Events Log' grid following fields will be displayed:
  - Company
  - Entity Nbr
  - Event Code
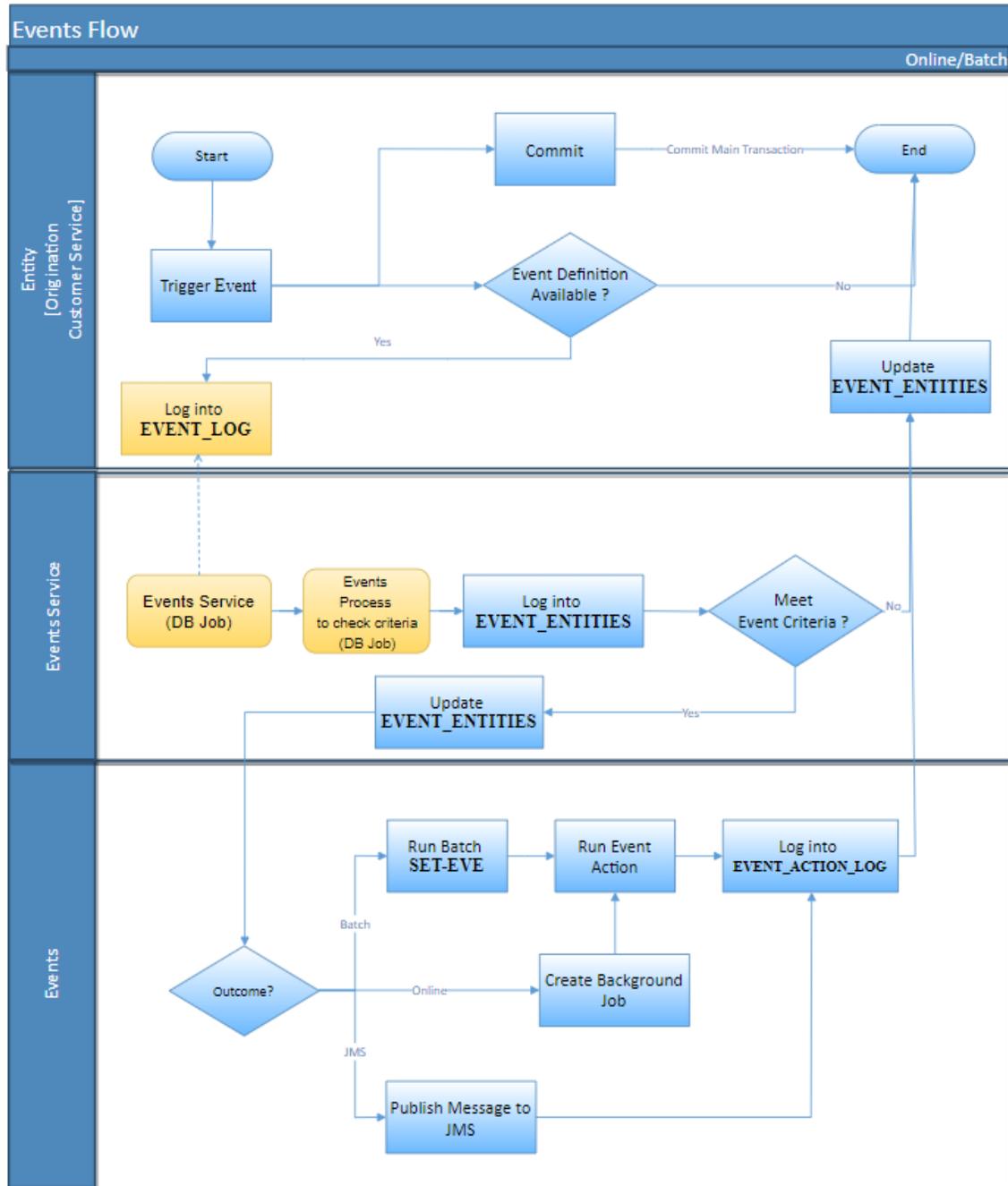  - Status
  - Creation Dt

### 16.3.2 Units Updated Changes

- Tables : events_log, event_entities, event_action_log, system_parameters, lookup
- Indexes : evg_udx01, evg_idx01,evl_idx01
- Views : evg_bvw,eve_evg_evw,uut_evg_jvw,esv_axn_evw,evi_bvw, eve_evi_bvw,uut_evi_jvw,uut_ser_jvw,evl_bvw,eve_evl_evw,
- uev_evl_fvw,eva_tnm_temp_evw,uut_evi_jvw
- Packages: cmncon_cl_100_19.pks, cmnseq_cl_000_01.pkb, cmnser_cl_000_01.pkb, uutesv_el_100_01.pkb, uutesv_el_100_01.pks, uutesv_ex_100_01.pkb, uutesv_ex_100_01.pks, uutesv_jw_100_01.pkb, uutesv_jw_100_01.pks, esvprc_en_000_01.pkb, esvprc_en_000_01.pks, esvprc_ex_000_01.pks, esvutl_em_000_01.pkb, esvutl_em_000_01.pks, esvutl_en_000_01.pkb, esvutl_en_000_01.pks, esvutl_ew_000_01.pkb, esvutl_ew_000_01.pks, esvutl_ex_000_01.pkb, esvutl_ex_000_01.pks, evecmn_el_100_01.pkb, evedeq_ew_100_01.pkb, evedeq_ew_100_01.pks, eveprc_em_100_01.pkb, eveprc_em_100_01.pks, csvna_en_100_01.pkb,
- xcsven_em_100_01.pkb,xaeadc_em_100_01.pkb

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## 16.3.3 Events Flow Diagram

### 16.3.3.1      Existing Flow

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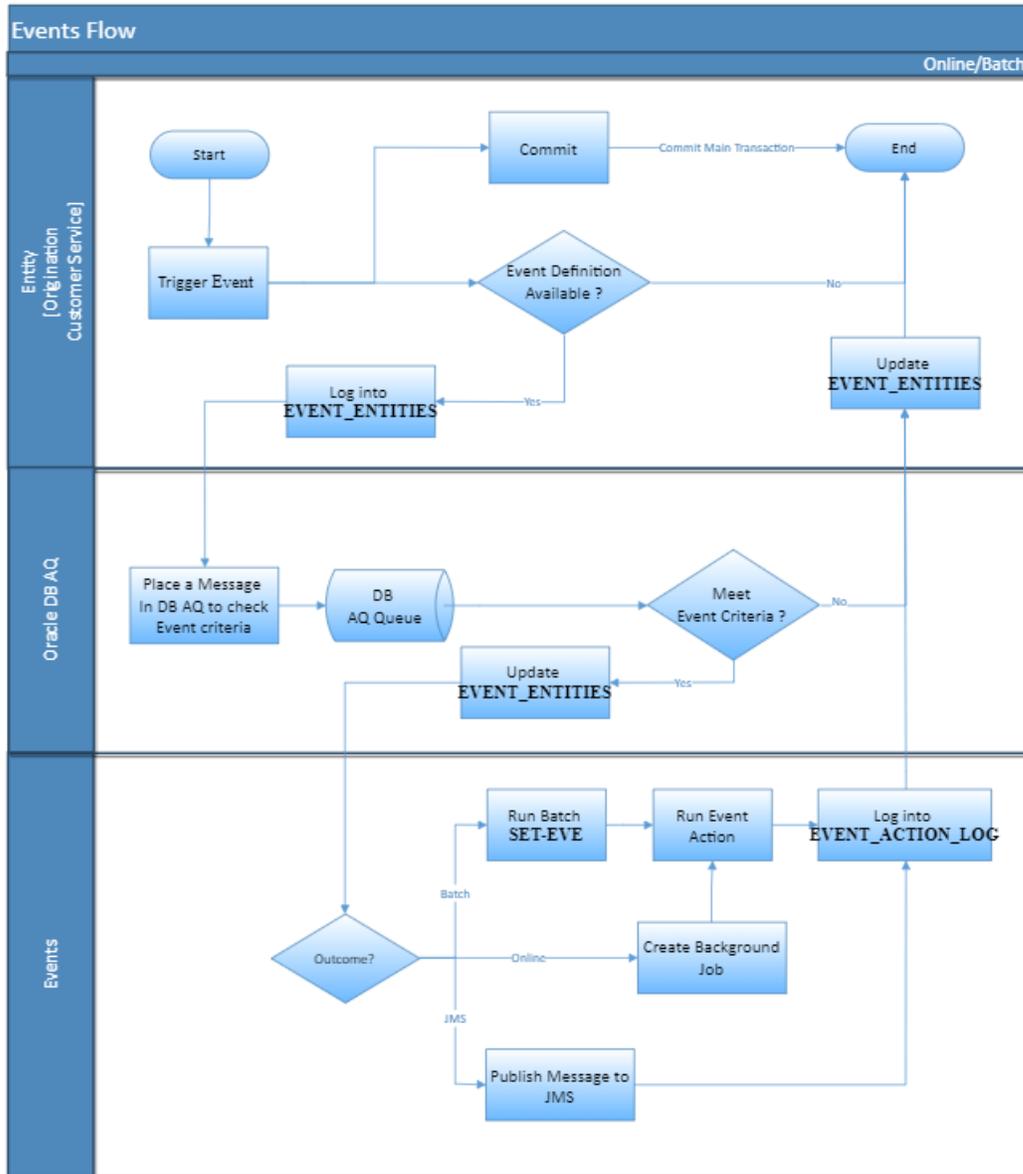
## 16.3.3.2 Enhanced Flow



## 16.3.4 Seed Data Changes

| SI | TABLE | KEY | DATA TYPE |
|----|-------|-----|-----------|
| 1 | system_parameters | ESV_TIMEOUT\|SET_SYP_SYSTEM\|ALL\|ALL\|ALL\|ALL\|ALL\|ALL\|ALL\|15\|Y | INSERT |
| 2 | Lookup | EVENTS_LOG_STATUS_CD\|READY\|\|1\|READY\|N\|Y | INSERT |

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| SI | TABLE | KEY | DATA TYPE |
|---|---|---|---|
| 3 | Lookup | EVENTS_LOG_STATUS_CD\|SUBMITTED\|\|2\|SUBMITTED\|N\|Y | INSERT |
| 4 | Lookup | EVENTS_LOG_STATUS_CD\|RUNNING\|\|3\|RUNNING\|N\|Y | INSERT |
| 5 | Lookup | EVENTS_LOG_STATUS_CD\|COMPLETED\|\|4\|COMPLETED\|N\|Y | INSERT |
| 6 | Lookup | EVENTS_LOG_STATUS_CD\|FAILED\|\|5\|FAILED\|N\|Y | INSERT |
| 7 | Lookup | EVENT_STATUS_CD\|IN PROGRESS\|ONLINE_BATCH\|3\|IN PROGRESS\|Y\|Y | INSERT |

## 16.4 Asset points Formula Parameter Enhancement

### 16.4.1 Overview

Need a parameter/field with specific logic to calculate Total Asset points at Master and Associated Account level.

### 16.4.2 Description

You can configure a new account formula parameter based on the 'Asset Type' to calculate Total Asset points at Master or Associated Account with the following calculation logic:

- This account formula parameter considers account # (Master or Associated Account) and Asset Type as inputs to calculate Total Asset Points.

- Attribute Name: **$ASE_PNT_<Asset Type>**

  **Note**: Attribute length should be less than or equal to 30 characters.

- For a given account number, system picks up all associated accounts. If a given account number is not a master account; then system uses the master account number of the provided Associated Account to pick up all associated accounts.

- For selected Accounts and Asset Type code, system adds the total "Points" (Considers Actual Points) for all the Assets where Resale Indicator =N, Status =ACTIVE and Asset Vacation Ownership field "Expiration Date of Asset" > GL Date.

  **Note**: System does not consider the points of an asset at Master Account. However, to calculate the total asset points of a Master Account's asset, system considers the asset type of master account and picks-up all assets belongs to associated account and sum-up the points.

Example:

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- Get the Asset Type from Setup > Asset Type – Say 'CLUB'.
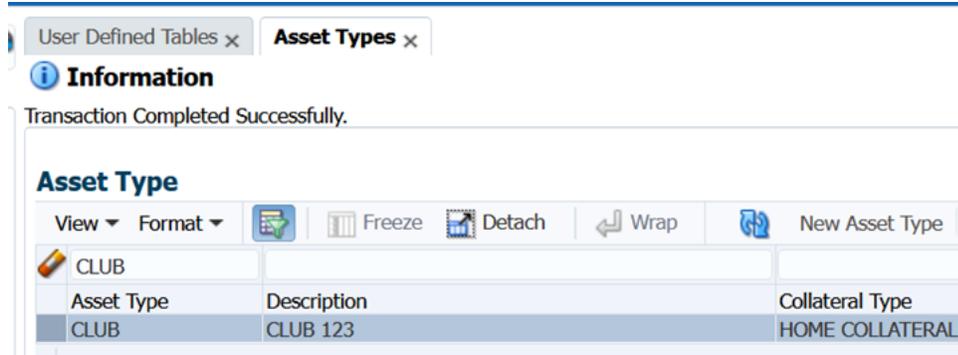


- Maintain the account formula parameter Attribute as follows under CUP_ACC_FORMULA_PARAM user-defined table

  ➢ Attribute = $ASE_PNT_CLUB
  ➢ Data type = 'Number'
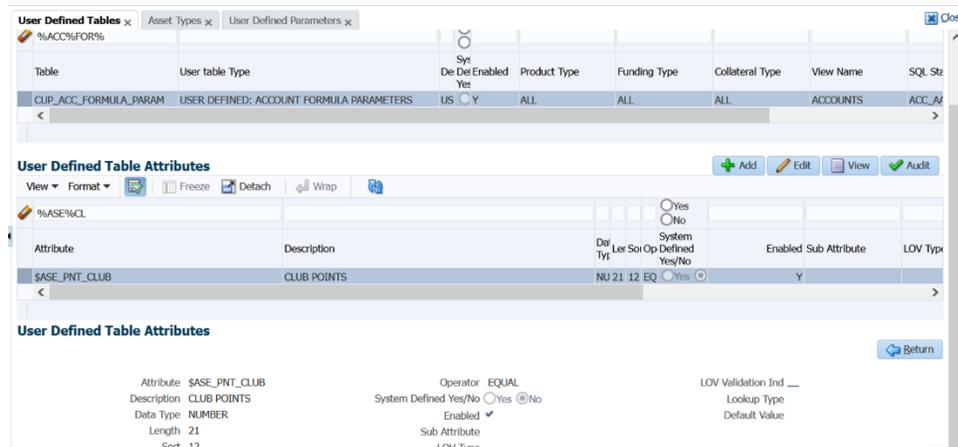


- Continue to use this parameter under 'User Defined Parameter'.
- To derive the total points, after user configures the above formula parameter, execute the SET-CUP > CUPPRC_BJ_100_02 & CUPPRC_BJ_100_01 batch jobs.

## 16.5 OracleFSLLBureauAPI issue (Bug 33885338)

Reported for SR: 3-28576566031

### 16.5.1 Issue

OracleFSLLBureauAPI is unable to validate the IDCS token and displays 401- Unauthorized error.

### 16.5.2 Fix Description

Fix has been provided with code change to validate the IDCS token.

However, you need to ensure the following perquisites are done before you validate the token: In case, it's already done, you can ignore this pre-requisites.

5. Edit OracleFSLLBureauAPI.war\WEB-INF\web.xml (via 7-zip -> open archive or any other tools/method)

6. Modify the below content in web.xml file and save the changes.

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| Before Modification | After Modification |
|---|---|
| <!--<context-param><br>   <description>This parameter will decide the jersey filter<br>to be loaded</description><br>   <param-name>OAUTH_AND_BASIC_ENABLED</param-name><br>   <param-value>Y</param-value><br>  </context-param> --> | (Should be uncommented)<br>  <context-param><br>   <description>This parameter will decide the jersey filter<br>to be loaded</description><br>   <param-name>OAUTH_AND_BASIC_ENABLED</param-name><br>   <param-value>Y</param-value><br>  </context-param> |
| <auth-constraint><br>   <role-name>valid-users</role-name><br>      </auth-constraint> | (Should be commented)<br>  <!--<auth-constraint><br>   <role-name>valid-users</role-name><br>      </auth-constraint>--> |

7. Next, edit OracleFSLLBureauAPI.war\WEB-INF\weblogic.xml

| | | | |
|---|---|---|---|
| ⊿ 📁 | ofsll.int.common | | |
| 💡 | OfsllJMSQueueJNDI | Generic | jms/OfsllJMSQueue |
| 💡 | IDCS_TOKEN_SCOPE | Generic | /ofsllcs |
| 💡 | OfsllJMSQueueCF | Generic | OfsllJMSCF |
| 💡 | IDCS_ENABLED | Generic | Y |
| 💡 | IDCS_TOKEN_AUDIENCE | Generic | https://      oracleindustry.com |
| 💡 | IDCS_TOKEN_TENANT_NAME | Generic | idcs-8cdbaf2c52cc43f1 |
| 💡 | OfsllJMSServerURL | Generic | OfsllJMSServerURL |
| 💡 | IDCS_TOKEN_ISSUER | Generic | https://identity.oraclecloud.com/ |

Configure IDCS attributes for OFSLL REST API Authentication

- Login into ofsll weblogic em console
- Go to WebLogic Domain -> Security -> Credentials
- Expand the map ofsll.int.common and set the following key values as per screen shot.
  IDCS_TOKEN_AUDIENCE - <ofsll external LB URL>
  IDCS_TOKEN_TENANT_NAME – <IDCS TENANT>
- Make sure other parameters are as displayed in the screen shot.

| Before Modification | After Modification |
|---|---|
| <security-role-assignment><br>   <role-name>valid-users</role-name><br>   <principal-name>users</principal-name><br>      </security-role-assignment> | (should be commented)<br>  <!--<security-role-assignment><br>   <role-name>valid-users</role-name><br>   <principal-name>users</principal-name><br>  </security-role-assignment>--> |

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## 16.6  <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33910387 | SR: 3-28723703891 <br><br> While posting the trade transaction, the equity_out transaction gets posted on source account and equity_in transaction gets posted on target account. Also, while posting the equity_in transaction the backdated date is getting modified to transaction date on the target account. | Fix has been provided with code changes to resolve the issue and not to modify the backdated date on target account. |
| 33830120 | SR: 3-28490299271 <br><br> System displays an error while posting reschedule billing cycle transaction from associated account. | Fix has been provided such that the Reschedule Bill Cycle transaction is posted successfully. |
| 33860243 | SR: 3-28609902536 <br><br> If multiple email IDs are added for bulk emails, the same is creating issues in JMS. | Fix has been provided by adding the Validation in UI so that while trying to Add multiple email id's separated with comma for system parameter 'JSC_FAILURE_NOTIFICATION_ADDR', system is validating with error and does not allow to save the system parameter value with multiple emails. |
| 33859476 | SR: 3-28609902521 <br><br> There is no validation to check acc_maturity_dt_cur and acc_due_day_cur in sync. | Fix has been provided such that, validation has been added for loan, line and lease to check the acc_maturity_dt_cur and acc_due_day_cur in sync. |
| 33859225 | SR: 3-28609902600 <br><br> PMF job took 54 minutes and processed 1 million records whereas normally it used to process 50 to 100 records only. | Fix has been provided by adding the Function Based Index on MOD (ACC_AAD_ID, 64), ACC_STATUS_CD, ACC_PMF_RUN_DT_NEXT, now the cost of the plan is significantly reduced. |
| 33854419 | There have been many instances when messages have not de-queued.  As a temporary fix, queue tables are truncated / queues are unsubscribed and subscribed. By this workaround the transactions are lost. There needs to be a way to retain the transactions and there should be an ability to resubmit the transactions that got stuck. | Fix has been provided such that, altered the code order along with minute changes to deque (maxretries => 0). |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33938787 | During Mock Statement Batch Job Run, identified that the Batch Job cursor Query is executing slow. | Following Indexes are created.<br><br>• Index ACC_FDX17 is created on the columns on Accounts Table for the columns ACC_MOCK_DDT_RUN_DT_NEXT, ACC_STATUS_CD, ACC_MOCK_STMT_REQ_IND_CUR.<br><br>• Index GTT_MSD_IDX is created on GTT_MOCK_STATEMENT_DETAILS table for the columns GTT_AAD_ID,GTT_MSD_MST_ID,GTT _MSD_RECORD_TYPE |
| 33919999 | SR: 3-28809366341<br><br>RFR new code changes deployment into UAT through PE team. | Fix has been provided such that, rptrfr_em_100_01 code changes without distinct deployment into UAT through PE team for the performance improvement. |
| 33923200 | Parallel Processing configuration update, Exception handling & validation, Other improvements. | Fix has been provided such that, The following system parameters needs to be configured.<br><br><table><tr><td>Parameter</td><td>Value</td></tr><tr><td>OUTBOUND_POLLER_NO_ OF_RECORDS</td><td>10</td></tr><tr><td>OUTBOUND_POLLER_TIM E_INTERVAL</td><td>30 sec</td></tr></table> |
| 33923156 | In OFSLL 14.10 application has been enhanced to have an option of writing BIP text report into INCOMING_PROCESS_FILE table based on customized job command | Fix has been provided such that, following modified job command will call the process of writing report in to the INCOMING_PROCESS_FILE table.<br><br>Refer to BIP Reports Writing to Input File Processing section for more details. |
| 33903840 | SR: 3-28752314151<br><br>All the DB should contain unique index on ID columns. | Fix has been provided such that, following tables are added with Unique Indexes on the standard ID Columns.<br><br>1. ACCOUNT_BANKRUPTCY_HISTORY<br><br>2. ACCOUNT_PAYMENT_RATING_TXNS<br><br>3. OUTBOUND_MESSAGES<br><br>4. FEES<br><br>5. INPUT_FILE_DEFINITIONS<br><br>6. INPUT_FILE_RECORD_DETAILS |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33885338 | SR: 3-28576566031<br><br>OracleFSLLBureauAPI is unable to validate the IDCS token and displays 401-Unauthorized error. | Fix has been provided with code change to validate the IDCS token.<br><br>Refer OracleFSLLBureauAPI issue (Bug 33885338) section for more details. |
| 33793754 | In the User defined Parameters screen on updating the formula definition and updating the Selection criteria even if the criteria is invalid the system is not validating the criteria and saving the erroneous criteria as well. | Fix has been provided such that,<br><br>1. If there is an error in Selection Criteria (SQL), then system will not allow to enable User Defined parameter.<br><br>2. Once User Defined parameter enabled then system will not allow to add or edit Selection Criteria.<br><br>3. If user want to add or edit Selection Criteria, then set User Defined parameter enabled indicator to 'N'. |
| 33897365 | SR: 3-28732053401<br><br>New Validation required in the rptsec_em_100_01 when same account is getting repeated | Fix has been provided to avoid duplicate records in the rptsec_em_100_01. |
| 33875001 | SR: 3-28635427541<br><br>Securitization reports converted into packages code for performance improvement deploying through PE team.<br><br>SET-QRT is modified not to run during EOD. | Fix has been provided such that, Securitization reports converted into packages for performance improvement.<br><br>QCCPRC_BJ_100_02 and QCSPRC_BJ_100_02 is modified not to run during EOD and not to run, even two hours before and after EOD. |
| 33874288 | SR: 3-28652743041<br><br>There is a function-based index by name ACM_UDX on table COMMENTS is preventing the data replication from applying transactions in parallel and causing lag | Fix has been provided such that, the function based index ACM_UDX is dropped and is recreated without the function. A new non unique function index ACM_IDX3 is created on the COMMENTS table with ACM_ID column. |
| 33855454 | SR: 3-28578242791<br><br>OFSLL UAT - Trade Transaction Failure - "Error in: txntrd_en_100_01.post_trd"<br><br>Dear AMS - Please assign this to kernel. Trade transaction failed with the below error in UAT | Fix has been provided such that, added date format, able to post the TRADE_FIX transaction. |
| 33855516 | SR: 3-28600963261<br><br>RFR report is running longer than expected. | Fix has been provided such that, securitization reports converted into packages code for performance improvement. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33732704 | SR: 3-28820385401<br><br>After upgrading the system to 14.10 version, it is noticed that none of the loan account information is getting updated to ACCOUNT_BALANCE_SUMMARY table and as result there was delay in batch job completion because of SET-ACR execution issue. | The fix has been provided in terms of seed data update.<br><br>Also since the Batch job has not run for some time now, a Batch job is created to pick and process the accounts till the catch up is done.<br><br>Accordingly, a System parameter 'TAB_CATCHUP_PROCESS_DAYS' is provided with the number of days that the catch-up has to be done. Based on this parameter two batch jobs are created "TABACC_BJ_100_04" and "TABACC_BJ_100_03" under the job-set 'SET-TAB'. The batch job TABACC_BJ_100_04 has to be executed and then TABACC_BJ_100_03. |
| 33884119 | SR: 3-28689979261<br><br>The below edits will work only on particular condition.<br><br>XVL_ACC_DUE_AMT_PD_2_ABL_PD<br><br>XVL_DUE_DAY_CUR<br><br>XVL_ACC_MEMO_PMT | Fix has been provided such that,<br><br>XVL_ACC_DUE_AMT_PD_2_ABL_PD -- Disable the Edit for line accounts<br><br>XVL_ACC_MEMO_PMT disable this edit.<br><br>XVL_DUE_DAY_CUR - code fix has been provided to support the matured account migration. |
| 33575228 | SR: 3-27707277151<br><br>In appropriate edit "Contract Term > Promotion Term" thrown during accounts migration | Fix has been provided such that, Edit is not thrown and the behaviour of the application is similar to funding via UI. |
| 33679233 | SR: 3-28023805771<br><br>TRADE FIX txn is not using TXN_DT given in parameter, it is using gl_post_dt | Fix has been provided such that, system considers txn date only as it is from initial, so changed back to txn date. But if in any case txn date is null, then it will consider GL date. |
| 33845968 | SR: 3-28565419801<br><br>During the LTC Batch Job processing, it is noticed that some of the accounts failed with error indicating as ACCOUNT LOCKED. | Fix has been provided such that, issue was caused since the acc_lock_account value is not set to N while processing the Master Account through repost_master_txns.<br><br>Code has been modified to set ACC_LOCK_ACCOUNT Indicator to N while master account is processed to resolve the issue. |

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| Bug Id | Bug Description | Fix Description |
|--------|----------------|-----------------|
| 33868523 | SR: 3-28637410527<br><br>While posting the transaction (ADD_NEW_ACCOUNT_BALANCE) through bulk upload this error is coming.<br><br>Error ORA-00904: "TNM_ABL_TXN_TYPE_CD": | Fix has been provided such that, new balance posted to the account. |
| 33881147 | SR: 3-28681945281<br><br>Customer and Account Payment WS does not support "GroupSubTypeCode" tag value as per lookup code "GROUP_SUB_TYPE_CD" and accepts only fixed value "WEB". | Fix has been provided such that, swagger shows the updated description for 'GroupSubTypeCode' element in<br><br>all Payment posting web services (Account payment, Customer payment &<br><br>Business payment) as 'Group Sub Type Code should be WEB Only'. |
| 33919559 | SR: 3-28799509291<br><br>Metro II file is not fetching expected data | Fix has been provided such that, data populated for active accounts that are billed. |
| 33905612 | SR: 3-28770115211<br><br>Purge jobs running for long duration in SaaS UAT. Due to this issue, users cannot complete Purge activity as expected. | Fix has been provided such that, an Index EVI_IDX2 is created on the columns EVI_EVENT_START_DATE, EVI_STATUS_CD of the Event Entities Table to improve performance. |
| 33951236 | Currently for LOC accounts, backdate beyond 2 cycles was restricted due to the transactions resulting in incorrect balances. For LOC, backdate beyond 2 cycles has to be supported. | Fix has been provided such that, posted and reversed backdated Payment, Fee txn, Adjustment txn, Waive txn etc. beyond 2 cycles on Line of credit account and observed that the balances are showing correctly. |
| 33970905 | Minor performance improvements in billing batch job. | Minor performance improvements are done on the billing batch job. |
| 33935028 | SR: 3-28852027891<br><br>Need api_txns_ext_line to have the same table structure as api_txns_ext_loan. Currently the order of the columns is different. | changes are made to API_TXNS_LINE_EXT table in line with API_TXNS_LOAN_EXT table so that TXNs data loads to API TXNs table. |

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# 17. Patch Release 14.10.0.0.15

## 17.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | Update Existing Customer/Business Number in Servicing | Provided ability to update existing Customer/Business number in servicing. Customers sometimes on board with a dummy Customer/Business # as part of their in house origination system, later the same can be updated by posing a transaction. |
| Enh 33576463 | Payment Hierarchy: New Method: Total Delq Due Amt (INCL Current Due) | A new Payment Hierarchy is introduced DUE AMOUNT RATIO (INCLUDING CURRENT DUE), where system will include existing unpaid delinquent due amount and generated current due amount |
| Enh 32939622 | NSF on Master Account | Only one NSF fee should be posted for single payment that is done on Master Account, even though Payment VOID is posted on multiple child Accounts |
| Enh 33378250 | New Pre-bill days monetary transaction | Users should able to maintain new Pre- Bill days using monetary transaction |

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## 17.2 Update Existing Customer/ Business Number in servicing

### 17.2.1 Overview

Provided ability to update existing Customer/Business number in servicing. Customers sometimes on board with a dummy Customer/Business # as part of their in house origination system, later the same can be updated by posing a transaction.

### 17.2.2 Description

- Added new non-monetary transactions to update the existing customer number from
  - ➢ Servicing >Customer Servicing >Maintenance
  - ➢ Web services
  - ➢ File upload.
- CUS_NBR_MAINT → CUSTOMER NUMBER MAINTENANCE and BUS_NBR_MAINT → BUSINESS NUMBER MAINTENANCE
- These transactions are allowed to be posted from Customer Service → Maintenance and Servicing → Customer Credit Limit → Customer →Transactions.
- On successful posting of this transaction, system posts a Comment on all the accounts where the Old customer # is present. "Customer # updated from <Old Customer #> to <New Customer #>". Transaction Result: *** Customer # updated Successfully from Old Customer # to New Customer # ***
- On successful posting of this transaction, system posts a Comment on all the accounts where the Old Business # is present. "Business # updated from <Old Business #> to <New Business #>". Transaction Result: *** Business # updated Successfully from Old Business # to New Business # ***
- Details of new customer number can be viewed at Servicing >Customer Servicing >Customer Details and Servicing >Customer Credit Limit >Customer tab.
- Details of new Business number can be viewed at Servicing >Customer Servicing >Customer > Business Tab and Servicing >Customer Credit Limit >Business tab
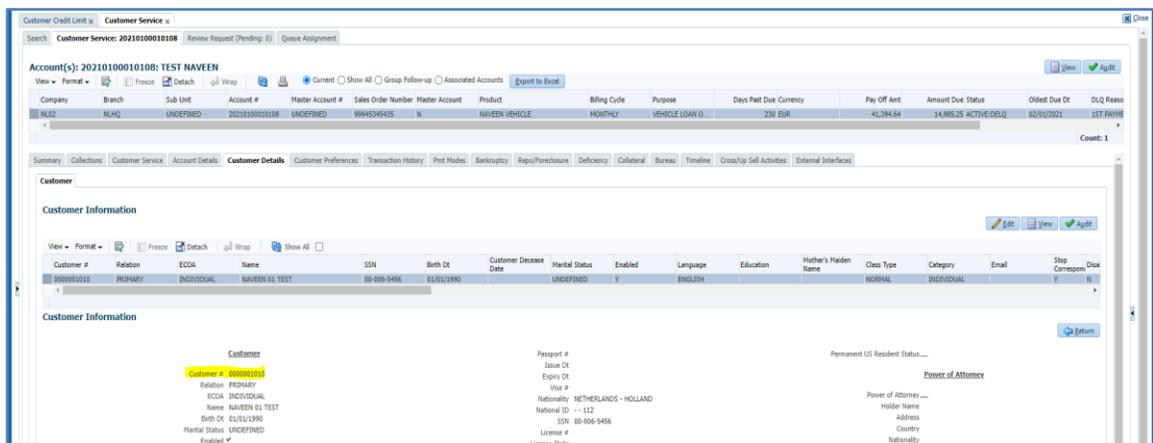


**Validations:**

- If the provided New Customer already exists in the system, the system shows an error message "Customer # already exists" and shouldn't allow posting this transaction.

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- If the provided Old Customer # doesn't exist on the Account, system shows an error message "Customer # provided doesn't exist" and shouldn't allow posting this transaction.

### 17.2.3 Seed Data

| SNO | Table | Key Data | Type |
|-----|-------|----------|------|
| 1 | TXN_CODES | CUS_NBR_MAINT | INSERT |
| 2 | TXN_CODES | BUS_NBR_MAINT | INSERT |
| 3 | TXN_CODE_PARAMETERS | CUS_NBR_MAINT\|TNM_DT | INSERT |
| 4 | TXN_CODE_PARAMETERS | CUS_NBR_MAINT\|TNM_CUS_OLD_NBR | INSERT |
| 5 | TXN_CODE_PARAMETERS | CUS_NBR_MAINT\|TNM_CUS_NBR | INSERT |
| 6 | TXN_CODE_PARAMETERS | CUS_NBR_MAINT\|TNM_COMMENT | INSERT |
| 7 | TXN_CODE_PARAMETERS | BUS_NBR_MAINT\|TNM_DT | INSERT |
| 8 | TXN_CODE_PARAMETERS | BUS_NBR_MAINT\|TNM_BUS_OLD_NBR | INSERT |
| 9 | TXN_CODE_PARAMETERS | BUS_NBR_MAINT\|TNM_BUS_NBR | INSERT |
| 10 | TXN_CODE_PARAMETERS | BUS_NBR_MAINT\|TNM_COMMENT | INSERT |
| 11 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TNM\|TNM_CUS_OLD_NBR | INSERT |
| 12 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TNM\|TNM_BUS_OLD_NBR | INSERT |
| 13 | TRANSLATION_DATA | SYS\|SYS\|SYS\|UUP\|000004\|CHECKCRITERIAISINNERRORSTATUSHENCECANNOTUPDATETHEPARAMETERSDEFINITIONENABLEINDICATORASYES\|SYS\|MSG-SE | INSERT |
| 14 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|001856\|BUSINESSUPDATEDSUCCESSFULLYFROMOLDBUSINESSNUMBER:~BUS_OLD_NBR~TONEWBUSINESSNUMBER:~BUS_NBR~\|SYS\|MSG-SM | INSERT |
| 15 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|001845\|CUSTOMERUPDATEDSUCCESSFULLYFROMOLDCUSTOMERNUMBER:~CUS_OLD_NBR~TONEWCUSTOMERNUMBER:~CUS_NBR~\|SYS\|MSG-SM | INSERT |
| 16 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|002289\|NEWBUSINESSNUMBERALREADYEXISTS\|SYS\|MSG-SE | INSERT |
| 17 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|002290\|OLDBUSINESSNUMBERPROVIDEDDOESNOTEXISTS\|SYS\|MSG-SE | INSERT |
| 18 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|002291\|NEWCUSTOMERNUMBERALREADYEXISTS\|SYS\|MSG-SE | INSERT |

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| SNO | Table | Key Data | Type |
|---|---|---|---|
| 19 | TRANSLATION_DATA | SYS\|SYS\|SYS\|TNM\|002292\|OLDCUSTOMERNUMBERPROVIDEDDOESNOTEXISTS\|SYS\|MSG-SE | INSERT |

## 17.3 Payment Hierarchy: New Method - Total Delq Due Amt (INCL Current Due)

### 17.3.1 Overview

A new Payment Hierarchy DUE AMOUNT RATIO (INCLUDING CURRENT DUE) is introduced, where system includes existing unpaid delinquent due amount and generated current due amount.

- OFSLL supports prebill days where Account can be due on 15th of every cycle but bill can be generated on 1st.
- For example, Account will have $100 due every month to be paid on 15th
- It has prebill days where bill will be generated on 1st.
- As of 10th December, system have $300 unpaid delinquency due, $20 LTC, $100 generated due that has to be paid as of 15th Dec.
- As part of this new Payment Hierarchy, system considers
  - $400 as part of DUE AMOUNT RATIO (INCLUDING CURRENT DUE)
  - Existing Methods:
    - $300 as part of DELQ DUE AMOUNT RATIO
    - $420 as part of TOTAL DUE (INCL CURRENT DUE) RATIO

### 17.3.2 Description

- Lookup PMT_HIERARCHY_TYPE_CD is added with a new value DUE_RATIO_CUR_DUE <Lookup Code> - DUE AMOUNT RATIO (INCLUDING CURRENT DUE) <Lookup Description>.
- This new Payment Hierarchy is similar to DUE AMOUNT RATIO & TOTAL DUE (INCL CURRENT DUE) RATIO with below changes:
  - This supports existing Account Selection Criteria, Excess Handling Method & Excess Hierarchy Name.
  - This method will do DUE AMOUNT RATIO (INCLUDING CURRENT DUE) proration.
  - Formula [SINGLE ACCOUNT TOTAL DUE AMOUNT RATIO (INCLUDING CURRENT DUE) * PAYMENT AMT]/ ALL ACCOUNTS TOTAL DUE AMOUNT RATIO (INCLUDING CURRENT DUE)
  - Example :

| | Due Amt | Total Due Amt [INCL CURRENT DUE] | Due Amt [INCL CURRENT DUE] |
|---|---|---|---|
| Master Account | 30 | 55 | 40 |
| Associated Account 1 | 50 | 92 | 80 |
| Associated Account 2 | 100 | 133 | 120 |

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| | Due Amt | Total Due Amt [INCL CURRENT DUE] | Due Amt [INCL CURRENT DUE] |
|---|---|---|---|
| **Payment Amt** | 90 | 90 | 90 |
| **Master Account** | 15 | 17.68 | 15 |
| **Associated Account 1** | 25 | 29.57 | 30 |
| **Associated Account 2** | 50 | 42.75 | 45 |

### 17.3.3 Seed Data

| SNO | Table | Key Data | Type |
|---|---|---|---|
| 1 | LOOKUPS | PMT_HIERARCHY_TYPE_CD|DUE_RATIO_CUR_DUE | INSERT |

## 17.4 NSF on Master Account

### 17.4.1 Overview

NSF Fee should only be assessed on Master Account.

- Customer/Business Master Account payment might be allocated/not allocated to Master Account based on Payment Hierarchy.

- Only one NSF fee should be posted for a single payment that is done on Master Account, even though Payment VOID is posted on multiple child Accounts.

### 17.4.2 Description

UI Changes:

- In Payment Maintenance, Master Account is shown in the existing 'NSF fee Account #' drop down irrespective of it is being part of allocation or not.
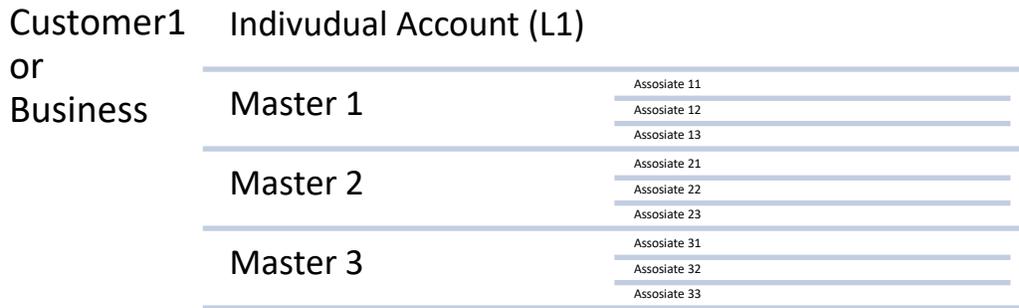


**File Upload and WS changes** (Customer / Business Payment File **&** Customer payment posting WS **&** Business Payment Posting WS)

- In file Upload: Introduced new field under Details Record/block as '**NsfFeeAccountNumber**'.

- In WS: Introduced new element as '**NsfFeeAccountNumber**'.

- System considers only if the action is 'Void'; it will ignore this for other another status, i.e. 'Post & Reverse'.

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- If the account number provided in this field belongs to the 'Customer/Business or Master Account', then system assesses NSF Fee on the account number provided in this field.
- System allows the user to select (from UI) and choose (from WS) account numbers from the group of accounts where the payment has been allocated and its corresponding Master accounts only.
- User can't choose accounts across all accounts of that customer #/ business #/ master #

Example:

| Customer1 or Business | Indivudual Account (L1) | |
| --- | --- | --- |
| | Master 1 | Assosiate 11<br>Assosiate 12<br>Assosiate 13 |
| | Master 2 | Assosiate 21<br>Assosiate 22<br>Assosiate 23 |
| | Master 3 | Assosiate 31<br>Assosiate 32<br>Assosiate 33 |

| Case - Posted payment using | Payment Posted on | NSF can be chosen from UI | NSF can be chosen from WS/File upload |
| --- | --- | --- | --- |
| Master account 1 | A11, A12 | A11, A12, M1 | A11, A12, A13, M1 |
| Customer number | A12, A13, M2, M3 | A12, A13, M2, M3, M1 | All associated accounts and Masters |
| Master account 2 | M2, A21 | M2, A21 | All associated accounts under M2 and Masters |
| Customer number | A11,A21,A31 | A11,A21,A31, M1,M2,M3 | All associated accounts under all Masters |
| Master account 3 | A31,A32,A33 | A31,A32,A33, M3 | All associated accounts under M3 |
| Business number | A23,A32 | A23,A32, M2,M3 | All associated accounts under M2 and M3 |
| Customer number | L1 | L1 | L1 |
| Customer number | L1, A11 | L1,A11,M1 | All associated accounts under M1 and L1 |

- If the account number provided in this field does not belong to the 'Customer/Business or Master Account', then system continues to post 'NSF' transaction on the individual Account (existing behaviour)
- If the NSF Fee was not configured/found either in 'Customer Service > Account > Contract > Fees' or 'Setup > Fees', then system throws an error 'Fee rule setup is missing for fee type: FNSF.'
- Note: This change is only to identify where the NSF fee should be posted. Payment reverse will continue on individual Accounts only.
- In next patch, system shows an error on click on 'NSF' if user not select 'Nsf Fee Account #'. Also, mandate user to pass 'NSFFeeAccountNumber' from WS and File Upload when action = VOID

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**Account Payment WS**

- Introduced new field element as 'NsfFeeOnMaster' - it's a Boolean filed, 'Y/N.'
- If the action is 'Void', & If this value is 'Y', then system finds the master account of Account # and post the NSF on the Master account number
- If the Master Account number is not found or if this value is 'N', then system posts NSF on Account #.

  **Note**: Handling the NSF posting on Master from 'Nacha Reversal' and 'Account Payment Upload' was not supported.

  In this patch, the Account Payment WS option is not supported by UI. I.e., the payments which are not multi payments, then user can choose NSF account as Master using WS but not from UI.

Example:

- Say, Master Line > Contract > NSF Fee set it as '$15'
- Associate 1 Loan > Contract > NSF Fee set it as '$10'
- Associate 2 Loan > Contract > NSF Fee set it as '$20'
- Setup > Fees > Loan, Contract > NSF Fee set it as '$30'
- then, If user select Associate 2, then it will access $20 on Associate 2

### 17.4.3 Seed Data

NA

## 17.5 New Pre Bill Days Maintenance Transaction

### 17.5.1 Overview

Currently, users cannot change the Account's pre-bill days. After this change, users can update the prebill days.

### 17.5.2 Description

Monetary Transaction:

- Added a new Monetary Transaction to record new pre bill days of an Account which is applicable for All Product and Funding types

| Description | Group | Action | Monetary / System Defined / Manual | Enable | Txn/ Bal Type | Stmt Txn Type | Batch | Stmt Print | G L |
|---|---|---|---|---|---|---|---|---|---|
| Pre Bill Days Change | PBDCH ANGE | POST | Y | N | NONE | NONE | N | N | N |

- **Parameters**

| Parameter Code | Description | Field Validation and Comments |
|---|---|---|
| Txn Date | Transaction Date | **Note**: Currently it will allow only on GL date (backdating and reversals are now allowed) |
| Pre Bill Days | Input New Pre-Bill Days | The parameter value should be greater than "0". |

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| Parameter Code | Description | Field Validation and Comments |
|---|---|---|
| PROCESS MASTER ASSOCIATED ACCOUNTS | Indicates whether to process master account and associated accounts. | If Yes = Pre Bill Days Maintenance transaction will be posted on Master and associated accounts. If this transaction posting failed due to any validation in any of the Account, the system will roll back the transaction posting on all the eligible accounts (existing behavior). If No = If the current Account is Non-master and linked to a Master Account and Statement Consolidation flag = Y, system shows an error message and shouldn't allow to post the transaction. If the current Account is Non-master and linked to a Master Account and Statement Consolidation flag = N, the system will allow to post this transaction. If the current Account is master and Statement Consolidation flag = Y, system show an error message and will not allow to post the transaction. If the current Account is Master Account and Statement Consolidation flag = N, the system will allow to post this transaction. If the current Account is not link to any master account, the system will allow to post this transaction. |
| PROCESS STATEMENT CONSOLIDATED ACCOUNTS | Indicates to process Accounts having Statement Consolidation flag (Y/N) | If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is N, then system will validate all accounts based on other txn parameter values. If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is Y, and the Account where "Pre Bill Days Maintenance" is being initiated has Statement Consolidation Flag as N, then ignored the parameter. If "PROCESS STATEMENT CONSOLIDATED ACCOUNTS" parameter value is Y and the Account where "Pre Bill Days Maintenance" is being initiated has Statement Consolidation Flag as Y, then validate and process accounts with Statement Consolidation Y and based on rest of the txn parameter values. |

If all the above validations go through, then the system will show the result as:

[BEFORE]
Prebill Days = <old prebill days>
[AFTER]
Prebill Days = <new prebill
IF RESULT IS NOT DESIRED, REVERSE THE TRANSACTION.

After this change, the following functionalities will refer to the new Pre-bill day's value

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1. Posting **ACC_CRB_PMT_RAT_MAINT** non-monetary transaction

2. Lease\Line\Loan **Billing Batch**

3. Lease \Line\Loan **Extension** monetary transaction

4. Lease\Line\Loan **Mock statement Batch** Job

5. Lease\Line\Loan **Rescheduling** monetary transaction(s)

6. Loan **Payoff Quote** (monetary transaction and batch job)

7. **Interest calculation** (batch job)

8. Compute Rate Run dt next (monetary transaction related)

9. **Account on boarding WS** - (Single) – system will populate the CUR filed also with value set at contract level

10. **Conversion** – system provided a new place holder in .dat files

### 17.5.3 Seed Data

| SNO | Table | Key Data | Type |
|-----|-------|----------|------|
| 1 | LOOKUPS | TXN_GROUP_CD\|PBDCHANGE | INSERT |
| 2 | TXN_CODES | PBDCHANGE | INSERT |
| 3 | TXN_CODE_PARAMETERS | PBDCHANGE\|TXN_DT | INSERT |
| 4 | TXN_CODE_PARAMETERS | PBDCHANGE\|TXN_PREBILL_DAYS | INSERT |
| 5 | TXN_CODE_PARAMETERS | PBDCHANGE\|TXN_PROCESS_STMT_CONSL_ACC_IND | INSERT |
| 6 | TXN_CODE_PRODUCTS | PBDCHANGE\|ALL\|ALL\|ALL | INSERT |
| 7 | ACCESS_GRID_FUNCTIONS | PBDCHANGE\|ACC_CONDITION_CD\|ALL | INSERT |
| 8 | ACCESS_GRID_FUNCTIONS | PBDCHANGE\|ACC_STATUS_CD\|ALL | INSERT |

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## 17.6 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33270296 | SR: 3-26808663431<br><br>Facing issue when "trade" transaction is posted as part of AOB request or posted manually from UI.<br><br>After providing the initial fix in 14.10 PS 13, customer is now facing an error "invalid month" when the trade transaction is getting posted. | Fix has been provided to exclude the RESPONSIBILITY_CD checking for transaction group code EQT while posting TRADE related transactions as all the equity related transactions are posted internally.<br><br>Code change has been done to directly assign the transaction date value without any date format conversion if an exception arises during the date format conversion. |
| 33801195 | SR: 3-28351027341<br><br>The Charged off transaction is not getting posted correctly for Master and Associated accounts as per the Parameters configured during transaction posting.<br><br>If parameter 'Processed linked account' is 'Yes', the charged off is posted only on associated account.<br><br>If transaction posted from associated account, with parameters 'Process Master account', 'Processed linked account' and 'Process master associated account 'as 'Yes', then charged off posted on associated account and Linked account excluding master account. | Fix has been provided with code changes to to pick the accounts properly with respect to the selection criteria by using the transaction parameters. |
| 33859983 | SR: 3-28571207321<br><br>During the execution of TXNMEA_BJ_100_01 (Auto allocation of master excess payment) batch job in UAT, one of the account is failing and possibly could be a looping Issue and also the next billing date is set incorrectly for account. | Fix has been provided with code changes such that when outstanding total amount is zero and next excess amount is greater than zero, system updates ACC_MEA_RUN_DT_NEXT to ACC_DDT_RUN_DT_NEXT. |
| 33894276 | SR: 3-28720049471<br><br>On performing trade reversal, the underlying asset status on the source account is not changing from inactive to active status. | Fix has been provided with code changes such to modify the inactive status of the asset on the source account to 'Active' and to capture the change in asset status when rescission account transaction is posted on the target account. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33919559 | SR: 3-28799509291<br><br>Metro II file is not fetching expected data<br><br>Regarding retry mechanism, performance issue is reported and if system skips updating the process date due to technical reason, then it is possible to encounter issue on the month end job. | A new system parameter 'METROII_RETRY_SKIP_ACC_IND' is introduced to retry skipped accounts on month end if account skipped to generate Metro2 data on billing date. |
| 33920104 | SR: 3-28798111071<br><br>Credit Bureau for "External Report" request is getting submitted to both Credit Bureau MDB & EFX MDB whereas for External Reports, the Credit Bureau request should be submitted to only "Credit Bureau MDB" | Fix has been provided with code changes to submit the request to CREDITBUREAU only if external report indicator for that report is 'Y'. |
| 33925353 | SR: 3-28809719481<br><br>Request is not submitted to CREDIT BUREAU MDB when Application Entry WS invoked for External Report =Y. | Fix has been provided with code changes to submit the request to CREDITBUREAU MDB and not to EFX MDB if external report indicator for that report is 'Y'. |
| 33935421 | SR: 3-28814098941<br><br>Due to Mock statement generation, close to 1000 accounts, Database Logs table exhausted with space. | Fix has been provided with code changes to reset the plsql tables correctly so older records in them will not be used in the bulk update. |
| 33944381 | SR: 3-28863868981<br><br>The billing points are not getting calculated properly in a master & associated accounts setup with points consolidation as N on the master account. When the points are updated on the master account asset, billing points are not getting updated. | Fix has been provided with code changes to properly update the billing points on the master account asset when the points consolidation on master = N( for the asset on master account). |
| 33962871 | SR: 3-28926323191<br><br>System is slow as observed while running ITUPRC batch job with following issues:<br><br>1. Update to assets is happening very slow.<br><br>2. Even though there is no difference after calculating the billing points, the update is still happening for it. | Fix has been provided with code changes to:<br><br>1. To process the update for points consolidation in bulk rather than single update while running ITUPRC batch job.<br><br>2. To update only if there is change in asset points and asset billing points. |
| 33963383 | SR: 3-28878449161<br><br>It is found that TDT_STATUS_CD Value has been hard coded with value 'C' during migration process | Fix has been provided such that Trade Status retains the value which was sent from Migration in API table. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33975414 | SR: 3-28959140401<br><br>Token generation is getting failed while invoking external urls where IDCS configured for authentication. | Fix has been provided with required changes to accept the XML payload from OFSLL to external system. |
| 34001608 | SR: 3-29035095001<br><br>In the base product there is no GET Credit bureau fetch web service and PUT Credit bureau update web service. However, the same was available in older version. | Fix has been provided with appropriate changes such that on click of "Re-Score" button, no error is thrown by the system. |
| 34010066 | SR: 3-29063772111<br><br>The edit XVL_ACC_MAT_DUE_DAY_CUR does not handle the month end scenario but only checks whether ACC_DUE_DAY_CUR is not equal to day part of (ACC_MATURITY_DT_CUR). | Fix has been provided such that XVL_ACC_MAT_DUE_DAY_CUR edit handles the month end scenario. |
| 34010405 | It is required that all API tables contain unique index on ID columns. | Unique index has been created for all the relevant API tables and index creation script is given. |
| 34021100 | SR: 3-29071261771<br><br>The status "COMPLETED_NO_HIT" passed in Credit Bureau Update WS is not getting stored as COMPLETED NO HIT in Applicant Details and instead getting stored as "COMPLETED". | Fix has been provided such that, the Applicant details status in UI > Origination > Bureau tab is updated as 'Completed No Hit' when 'Credit Bureau Update' WS is passed. |
| 34025223 | SR: 3-29104372471<br><br>System should exclude the accounts where acc_master_acc_nbr='UNDEFINED' to improve performance. Not all Accounts will have master accounts linked. | Fix has been provided to ITUPRC_BJ_100_02 batch job for uploading CHGOFF transaction with accounts having master account number as "UNDEFINED". |
| 34031602 | SR: 3-28185348623<br><br>There is a mismatch noticed in CTD/YTD. | Data fix scripts has been provided to rectify the CTD/YTD mismatch issue. |
| 34054447 | SR: 3-29113734811<br><br>For a Lease account where there is no outstanding dues, system is not posting the evergreen transaction automatically on maturity + grace days. | Fix has been provided such that txn_gl_post_dt value has not been set in the record type value in txnext_en_121_02.after_post_ext. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34058020 | SR: 3-29212932161<br><br>A facility is required to activate an account from "Pending" status to "Active" status. | OFSLL Account on-boarding service process is enhanced to create Accounts in Pending Status. This gives ability to activate account later and is typically used in e-commerce scenario where an equipment Shipped to customer and received and accepted.<br><br>For more info please check the below release notes - https://docs.oracle.com/cd/F40454_01/pdf/refdocs/ofsll_release_notes.pdf |
| 34104314 | SR: 3-29328815381<br><br>In Collateral > Tracking Attributes screen, on click of Load Details button existing Asset tracking attributes are wiped off. | Fix has been provided such that on click of 'Load Details' button existing tracking attributes data is populated. |
| 33768379 | SR: 3-28314160901<br><br>There is a discrepancy in 'auto allocation of master excess amount' enhancement (delivered in ps12).<br><br>If payment is marked as void (means there is no excess payment on master a/c), then system is not resetting the excess amount which leads to miss match in the balances and system selects the account and post payments on accounts by AUTO ALLOCATION OF MASTER excess batch job. | Fix has been provided such that when the payment is marked as void, system resets the excess balance so that batch job cannot distribute the amount. |
| 34067214 | The Auto allocation of Master excess amount batch job TXNMEA is getting into loop. This is due to the sequencing of the transaction id as txn_seqnum usage was deprecated in 14.9 and hence the same is to be handled through function. | Fix has been provided by modifying the code 'TXN_SEQNUM.NEXTVAL' to cmnseq_cl_000_01.NxtVal(TXN,iv_acc_rec.acc_aad_id). |
| 33996464 | It is required to enhance Account OnBoarding web service to create account in pending status. | OFSLL Account on-boarding service process is enhanced to create Accounts in Pending Status. This gives ability to activate account later and is typically used in e-commerce scenario where an equipment Shipped to customer and received and accepted.<br><br>For more info please check the below release notes - https://docs.oracle.com/cd/F40454_01/pdf/refdocs/ofsll_release_notes.pdf |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33912810 | Seed data is missing for Recalc Master Transaction field in data files. Seed data dat file needs changes and Seed Data setup screen to be checked. | Fix has been provided such that, seed data has been updated for txn_codes. Now system is loading the seed data properly. |
| 34119125 | ACC_CRB_PMT_HISTORY_DT is expected to be as day 1 of previous month with respect to ACC_EFFECTIVE_DT but for skipped accounts in the very first month, system is not updating the same with month end date due to same month value available in ACC_CRB_PMT_HISTORY_DT by default. | Fix has been provided such that ACC_CRB_PMT_HISTORY_DT value is derived as day 1 of previous month with respect to GL date while funding the account. |
| 34113719 | SR: 3-29375632721<br><br>RFR report new changes deployment required to be done through PE team. | Fix has been provided, packages are changed for RFR report rptrfr_em_100_01 |
| 33889340 | An issue has been noticed that sometimes the batch job is exceeding error count by one, but it is being marked as "completed" instead of "failed". | Fix has been provided such that additional debugs & exception handles were added to capture the exact errors for the scenario. |
| 33957201 | Following issues are noticed:<br><br>1.Entity number is missing in Event Log and Event Actions tab for event actions with status as Criteria Not Met<br><br>2. Entity number is missing for Securitization entity<br><br>3. Webhook & JMS Message event actions are not population in Event Actions tab. | Fix has been provided by restricting the system to trigger event with event type as "APPLICATION" while creating a CRQ request in account level. |
| 34139570 | Request to create new index OFSLL SAAS reporting databases. | The Data fix script has been modified such that indexes should be created within the same table space as the other indexes for the tables they are indexing or in a table space created for these indexes and not in the users' table space. |

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# 18. Patch Release 14.10.0.0.16

## 18.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| Enh 32939622 | NSF on Master Account (Phase II) | Only one NSF fee should be posted for single payment that is done on Master Account, even though Payment VOID is posted on multiple child Accounts via<br><br>• Account Payment File upload<br><br>• Nacha Reverse File Upload |
| Enh 33378250 | Backdate Pre Bill Days Maintenance Transaction | Users can maintain new prebill days using new monetary transaction. Accordingly, system now supports the following:<br><br>• Backdating of the transaction<br><br>• Reversal and reposting of the transaction |

## 18.2 NSF on Master Account (Phase II)

### 18.2.1 Overview

NSF Fee should only be assessed on Master Account.

- Customer/Business Master Account payment might be allocated/not allocated to Master Account based on Payment Hierarchy.
- Only one NSF fee should be posted for a single payment that is done on Master Account, even though Payment VOID is posted on multiple child Accounts.

### 18.2.2 Description

**UI Changes:**

- In Payment Maintenance, Master Account is displayed in the existing 'NSF fee Account #' drop-down irrespective of whether it is part of allocation or not.
- In this lookup, the system also displays an indicator **(M)** next to set of Master Accounts.

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- If the user does not select any value, then on click of 'NSF', system displays an error "NSF Fee Account# is blank, Kindly use Reverse.'

- If the user selects "undefined" and clicks on 'NSF', then the system reverses the payment without posting NSF on any account



**Note**: System also validate the same even from the customer/business payment web services, i.e., NSF account number is required if the action = VOID

## Account Payment File Upload

- Introduced new field element as '**NsfFeeOnMaster**' - a Boolean field, 'Y/N.'

- If the action is 'Void', & If this value is 'Y', then system finds the master account of Account # and post the NSF on that Master account number.

- If the Master Account number is not found or this value is 'N', system posts NSF on Account #.

## NACHA NSF File Upload

- Currently, NSF is assessed on Accounts when Payment is VOID with NSF Txn Reason Code.

- To assess NSF only on Master, A new Lookup sub code NSF_MASTER is introduced in NACHA_RETURN_REASON_CD to identify if NSF will be evaluated on the Current Account or the Master Account.

- If NSF sub code is used, then the system assess NSF on the Current Account and does not post any transaction on Master. This will continue the existing system behavior.

- If NSF_MASTER is used for the reason code provided in the file, then the system assess NSF on the master account and posts the payment void on the account number provided. If the master account is not there, it will continue to post on the same Account.

**Note the following:**

When there are two records in the NACHA payment return file:

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- If two different accounts belong to the same master account, they will be treated as individual payments and assessed as two NSF.
- Those duplicate accounts are also treated as two payments; hence, it will assess two NSFs.

### 18.2.3 Seed Data

NA

# 18.3 Backdate Pre Bill Days Maintenance Transaction

### 18.3.1 Overview

Currently, users can't backdate transactions & can't reverse the transaction. After this change, users can post the backdated transaction and reverse it.

### 18.3.2 Description

#### Monetary Transaction

Added a new Monetary Transaction to record new pre-bill days of an Account which is applicable for All Product and Funding types

| Description | Group | Action | Monetary / System Defined / Manual | Ena ble | Txn/ Bal Type | Stmt Txn Type | Batch | Stmt Print | GL |
|---|---|---|---|---|---|---|---|---|---|
| PRE BILL DAYS REVERSE | PBDC HANG E | REVE RSE | Y | N | NONE | NONE | N | N | N |

In case of backdating of this transaction, the system reverses and reports the DDT and related transactions (which are posted using asset rate setup) with a new transaction date based on recent pre-bill days. But the transactions are posted with the same amount and **will not** recalculate based on the latest rate (existing behavior).

Note the following:

- In case of reversal and reposting of DDT and related transactions with a new transaction date (based on recent pre-bill days), the DDT amount might change, but the already generated statement will not change.
- The system will not "touch" the txn date of any txn posted manually irrespective of Billed Ind Y or N.
  - ➢ If there were manual txns posted that contributed to the original DDT txn amount. Now with backdated PreBill txn, the txn date of DDT is changed and if those manual txn amount will not be part of DDT then system will automatically take care of posting the correct DDT txn amt. Those manual txns will be automatically accounted for inappropriate subsequent DDT.

**After this change, the following functionalities will refer to the new Pre-bill day's value**

- Lease \Loan escrow analysis
- Lease \Line\Loan Extension monetary txn
- Lease\Line\Loan Promotion Functionality (monetary txn and batch job)

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- Lease\Line\Loan Rescheduling monetary txns
- EXPIRED DRAW PERIOD PROCESSING (STAGE FUNDED LOANS)
- Loan Payoff Quote (monetary txn and batch job)
- Capitalization
- Account details WS

### 18.3.3 Seed Data

| SNO | Table | Key Data | Type |
|-----|-------|----------|------|
| 1 | LOOKUPS | TXN_GROUP_CD|PBDCHANGE | INSERT |
| 2 | TXN_CODES | PBDCHANGE_REV | INSERT |
| 3 | TXN_CODE_PRODUCTS | PBDCHANGE_REV |ALL|ALL|ALL | INSERT |
| 4 | ACCESS_GRID_FUNCTIONS | PBDCHANGE_REV |ACC_CONDITION_CD|ALL | INSERT |
| 5 | ACCESS_GRID_FUNCTIONS | PBDCHANGE_REV |ACC_STATUS_CD|ALL | INSERT |

# 18.4 Seed Data changes for Impacted Bugs

NA

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## 18.5  Patches and Bugs

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33921411 | SR: 3-28661142301<br><br>On posting Manual Payment adjustment transaction in Customer Service > Maintenance section on an account for which such a transaction is not valid due to a particular account status, system does not reject or move the transaction to suspense. | Fix has been provided such that system verifies posting the manual payment transaction and if posted date is greater than the charged-off date, system does not allow to post the transaction on the account.<br><br>However, instances where the Transaction date <= charge-off date, the same is not handled as they require some more analysis and work on them. It will be delivered subsequently. |
| 34141087 | SR: 3-29431479701<br><br>On posting MASTER ACCOUNT MAINTENANCE transaction, the Late charge fee is not available at account. Ideally if the late fee charge for Line Accounts is not specified at Instrument level, the same should read from global config file instead of rejecting the transaction. | Fix has been provided such that if 'FLC' charge is not defined at the Account level then it should check atleast if one Active 'FLC' rule is defined at the Product level.<br><br>The above-said code changes is added only for Txn Type - FLC.(Fee Late Charge). |
| 34151608 | SR: 3-29480783041<br><br>The METRO-II batch job CBUUTL_BJ_100_02 that generates the METRO II Data failed with the below error 'Acc skipped as status is CHGOFF and lv_closed' and due to this users cannot process Metro II data. | Fix has been provided with code changes such that The METRO-II batch job CBUUTL_BJ_100_02 skips the account on specific conditions such as if Account status is 13 or if STOPCB condition is posted on the account not while the status is CHGOFF. |
| 34160515 | SR: 3-29494472631<br><br>Batch Job issue → the TABACC_BJ_100_01 job has a commit count set to 100, but its noticed that its not doing the commit for each 100 records and instead do one time commit when the entire thread is done. | Fix has been provided such that the batch job is doing the commit for each 100 records and after all EOD run required value is derived for closing balance. |
| 34161451 | SR: 3-29492364791<br><br>There is Issue with Prebill days transaction if statement consolidation parameter is 'Y. The transaction is posting successfully but expectation is since master account is participating in statement consolidation an error message has to be displayed. | Fix has been provided such that if Statement consolidation is Y for all accounts and if user try to post the PBDCHANGE txn on master then system displays an error and does not post the transaction on any account. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34161484 | SR: 3-29264809371<br><br>Adjustment Fee payments are not subtracted from the amount due and due to this the amount due is higher than the payoff amount for the account. | Fix has been provided with code changes to consider the manual payments posted. |
| 34188188 | SR: 3-29568311121<br><br>Event Services – event action on exact fetch returns more than requested number of rows. | Fix has been provided to use the timestamp generated number to populate dbms_job_name instead of normal sequence. |
| 34198736 | SR: 3-29608083611<br><br>Performance tuning is required for generating securitization reports | Fix has been provide with code changes in RPTSEC_EM_100_01 and RPTRFR_EM_100_01 for performance improvement. |
| 34207760 | SR: 3-29627447161<br><br>One of the view (itu_txn_temp_evw) is missing in the column TXN_PROCESS_STMT_CONSL_ACC_IND - hence unable to process the PBDCHANGE transaction. | Fix has been provided such that, "Pre Bill Days Change" Txn is working as expected. |
| 34252735 | SR: 3-29750792671<br><br>There is a mismatch in CTD/YTD balances and request to provide a fix on Patch set 14. | Fix has been provided with appropriate script as hot fix to do the following:<br><br>• Correct all line accounts CTD/YTD balances.<br><br>• Correct the YTD balances of Loan accounts.<br><br>In addition, the provided scripts does the following:<br><br>• Handle Payment excess allocations and waive, adjust transactions.<br><br>• Fix also includes code changes to include Adjustment Subtract Transactions. |
| 33755913 | SR: 3-28096336671<br><br>Unexpected data is populated in mock statement after posting "Account Stop Correspondence" transaction. | Fix has been provided in "txnmdt" batch job cursor to not pick the accounts when stop correspondence transaction is posted.<br><br>However, please note after posting the "Account Stop Correspondence" we need to move the acc_mock_ddt_run_dt_next to next run date else txnmdt will generate the data for previous cycles. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34163702 | SR: 3-29481900511<br><br>Migration Issue in dat file → in case ACC_CRB_PMT_HISTORY_DT value is not provided, migration process updates with sysdate. | Fix has been provided such that the ACC_CRB_PMT_HISTORY_DT value is derived as day 1 of previous month with respect to GL date. For example if GL date is 02-Feb-21 during migration then ACC_CRB_PMT_HISTORY_DT value will be updated as 01-Jan-21. |
| 34246212 | SR: 3-29720793801<br><br>When the payment is posted on master account to allocate the payment for associated account the "NSF Fee Account #" field is not available on 'Payment maintenance screen.<br><br>If the payment is posted for master and associated, then Field NSF Account Fee is getting displayed. | Fix has been provided such that the "NSF Fee Account #" field LOV is available with master and associated accounts. |
| 34251385 | SR: 3-29700200301<br><br>PMT_ALLOCATIONS are not getting GL output | Fix has been provided with code change to set the variable txn_pmt_tcd_code as null only if the rec type is 'TXN'. Now GL Transaction -Payments screen populated with payment allocation. |
| 34245465 | The batch job CUPPRC_BJ_100_02 assigns accounts to threads irrespective of account status, it should consider status from CUP_ACC_STATUS_CD lookup. | Fix has been provided such that system picks only the accounts with status available in the CUP_ACC_STATUS_CD lookup, and update the next run date. |
| 34230999 | SR: 3-29688212461<br><br>PRECONV_PAYMENT_REV does not work through bulk upload after giving additional REVERSAL Action Type. | Fix has been provided with changes to allow PRECONV_PAYMENT_REV transaction through bulk upload. |
| 33919999 | SR: 3-28809366341<br><br>RFR new code changes needs to be deployed. | Fix provided with new code changes deployment. |
| 34200346 | SR: 3-29581263931<br><br>When batch job runs on multi thread there are duplicate Account Conditions created. | Fix has been provided such that unique index has been provided to avoid the duplicate records insertion in account conditions table. |

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# 19.  Patch Release 14.10.0.0.17

## 19.1  Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | • Allow user to post the 'Credit Refund' transaction manually<br><br>• Allow user to post it with less than or equal to the available credit balance | Partial Credit Refund Enhancement |

## 19.2  Partial Credit Refund Enhancement

### 19.2.1 Overview

Credit Refund transaction is used to refund excess amount paid and available in CREDIT balance back to the customer.

- This transaction gets posted by Batch SET-PRQ > PCUPRC_BJ_100_01 to refund all the excess amount available in CREDIT balance.

This transaction is now enhanced with below changes:

- A new validation is added to stop allowing Credit Refund on accounts where Txn Amt > Available Credit Balance;
- Once it is posted, system creates an AP requisition with the provided amount.

### 19.2.2 Description

OFSLL CREDIT_REFUND transaction is now enhanced with below changes:

- System validation: Value entered by the user [TXN_AMT] > Available [Credit Balance]
  - ➢ Existing error message <<Transaction Amount is greater than the Outstanding balance. Please correct and repost (SYS-SYS-SYS-UNDEFINED-001724) > is displayed if the above validation is failed
- User can post the backdated transaction. However, system always validates it with the current credit balance amount only.
- If user post this transaction manually, then system does not look the system parameter PCU_CHECK_REFUND_DAYS. I.e., user can refund it as soon as the credit balance created on the account.
- This behaviour is applicable for all Loans / Line / Lease.
- Example
  - ➢ Credit Balance = $350
  - ➢ Txn Amount = 350 <<Allowed>>
  - ➢ Txn Amount = 200 <<Allowed>>
  - ➢ Txn Amount = 350.1<<Not Allowed>>

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- Following is the system behaviour for line account

| REPOST_ CREDIT_ REFUND_ IND | User Action<br><br>Note: For this balance, the billed indicator is 'Y' | System action / Behaviour of Line Account |
|---|---|---|
| System parameter value = Y | Posted an "Adjustment to <bal> - ADD" Transaction after the credit refund transaction | The system will include txn amount in the next billing |
| Y | Posted an "Adjustment to <bal> - ADD" Transaction before the credit refund transaction (i.e., backdated) | User needs to post Dummy Payment with same txn amount after credit refund transaction.<br><br>So that, the system will not bill in the next bill |
| N | Posted an "Adjustment to <bal> - ADD" Transaction after the credit refund transaction | The system will include txn amount in the next billing |
| N | Posted an "Adjustment to <bal> - ADD" Transaction before the credit refund transaction (i.e., backdated) | The system will adjust txn amount in the next billing |

**Note the following:**
- OFSLL does not add seed data for transaction parameters of the Batch transaction.
- User needs to add the following parameters to the CREDIT_REFUND transaction and mark this as a Manual transaction.
  - ➢ TXN_DT - TXN DATE
  - ➢ TXN_AMT – AMOUNT
- System continues to refund the complete credit balance when SET-PRQ → PCUPRC_BJ_100_01 batch gets executed; i.e., no change to the batch job process.

### 19.2.3 Seed Data

NA

## 19.3 Seed Data changes for Impacted Bugs

NA

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## 19.4 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34312498 | SR: 3-29934311531<br><br>EOD started more than 90 min ago (06/23/2022 00:00 hrs. US EST) and not even a single job completed successfully. | Fix has been provided such that, due to unavailability of the data in user_scheduler_jobs, user_scheduler_job_log the code was throwing exception. Proper exception handling has been done for the same. |
| 34296979 | SR: 3-29853985411<br><br>Account Boarding Payload should be validated for being correct<br><br>Currently if the Account Boarding payload contains a special character (e.g.TAB /t), the same is not validated. This is not correct as per RFC 8259.<br><br>Due to this the account data has this character stored in DB. When the same data is passed downstream as a JSON (e.g. through a webhook), the request is rejected by receiving systems that Actually validate whether the JSON is correct or not.<br><br>So to avoid such issues, the data should be validated at the point of entry i.e. Account Boarding Service. | Fix has been provided such that, Table values has to read through json_object, so that it will be converted to JSON format correctly. |
| 34277792 | Sequence cache to be checked | Fix has been provided such that, the Sequence start number was modified in the below script<br><br>'upgrade_fix_reset_all_sequences.sql' and deleted 'upgrade_sequence_nocache_oci.sql' |
| 34322687 | SR: 3-29973936371<br><br>Performance improvement in the securitization reports. | Fix has been provided such that, 'rptsec_em_100_01' package changes for performance improvement is done in the securitization reports. |
| 34301839 | SR: 3-29899335131<br><br>Securitization code changes have been done for performance improvement. | Fix has been provided such that, rptric_em_100_01, rptsec_em_100_01 and rptrfr_em_100_01 code changes done for performance improvement. |
| 34267194 | SR: 3-29768453801<br><br>Points consolidation is considering points from Rescind account (Observed this issue for migrated accounts) | Fix has been provided such that, points from rescind account is not considered for consolidation. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34247327 | SR: 3-29722440141<br><br>TXNMEA job (Master Excess Allocation) is not allocating across other branches.<br><br>The payment hierarchy selection criteria (only during MEA job, not during normal payment) is taking Master Account branch and using in selection criteria. It shouldn't. It should disregard branch. | Fix has been provided such that, During Master Excess Allocation, now system will not pass master account branch to the payment hierarchy selection criteria. As a result, all the associated accounts of Master will be allocated across other branches. |
| 34207794 | SR: 3-29749326873<br><br>TXNPMF_BJ_100_01 - Unhandled error in Batch Job | ORA-06500: PL/SQL: storage error | Fix has been provided such that, on running the TXNPMF_BJ_100_01 batch job, the Periodic Maintenance Fee functionality working as expected. |
| 33995616 | SR: 3-29253324551<br><br>Posting a RESCISSION ACCOUNT transaction on an account, Existing Conditions on the account are not getting displayed, even the condition history is not displaying | Fix has been provided such that, on posting RESCISSION ACCOUNT transaction on the account system displays the Conditions under Condition History. |
| 34286640 | SR: 3-29822159524<br><br>Issues with call activity service | Fix has been provided such that, call activity service is working as expected. |
| 34280063 | SR: 3-29760452621<br><br>OFSLL Error "mark customer as deceased" request. | Fix has been provided such that, 'Mark Customer as Deceased' transaction successfully posted through UI and Web Service, on Account and marked customer as deceased. |
| 34246212 | SR: 3-29720793801<br><br>NSF Account Fee # field is not available on 'Payment Maintenance' screen, when the payment is posted on master account to allocate the payment for associated account.<br><br>If the payment is posted for master and associated, then Field NSF Account Fee is getting displayed. | Fix has been provided such that, If Master account having only one Link account then system is showing NSF Fee Account LOV in 'Payment maintenance' Tab |
| 33897886 | SR: 3-28736120081<br><br>When the duplicate account passed from the securitization file, pool movement is not happening. Marking the pool as 'UNDEFINED'. | Fix has been provided to use the distinct record when data passed duplicate. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33506029 | SR: 3-27490615741<br><br>Timeout Error When Attempting to Post a Rescission Transaction | Fix has been provided such that, added common code which will be working for all monetary and non-monetary transactions being posted via application, transaction webservice & ITU upload. System is posting the Rescission Account txn as expected. |
| 34277781 | Commit count to be introduced for file and records in ITRPRC | Fix has been provided such that, ACCOUNT_TRACKING_ATTRIBUTES records committed based on the job commit count defined. (Only for UPDATE operation) |
| 34233183 | SR: 3-29695120481<br><br>'Page Unresponsive' Messages received. | Fix has been provided such that, system is opening the screens within 5 seconds. |

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# 20. Patch Release 14.10.0.0.18

## 20.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | Index / Margin Rate Change transaction | Introducing a new parameter **CHANGE PAYMENT ADJUSTMENT METHOD** to control the behavior related to posting of 'Change Payment' transaction on the account. |
| NA | New parameter to DDCHANGE/OVERRIDE TXN | Introduced new 'Statement Consolidation' transaction Parameter in DDCHANGE / DDCHANGE_OVERRIDE transactions |
| NA | Change frequency of Cycle Based Collection Late Fees and Cycle based Late fees | Existing transaction "RESCHEDULE BILL CYCLE" is enhanced to update fee cycles same as the billing cycle. |

## 20.2 Index / Margin Rate Change Transaction

### 20.2.1 Overview

Currently when the 'INDEX / MARGIN RATE CHANGE' monetary transaction is posted on an account with AUTO POST CHANGE PAYMENT transaction parameter as 'YES', the change payment transaction is only getting posted, if the new payment amount calculated is greater than the current payment amount. If the payment amount is less than the current payment amount, system does not posting the change payment transaction even though the parameter is flagged as 'YES'.

### 20.2.2 Description

**Applicability: Loan, Line, Lease**

Following are the current parameters that are supported as part of the **'INDEX / MARGIN RATE CHANGE'** monetary transaction posting:

| Parameter Code | Possible values | Sort |
|----------------|-----------------|------|
| TXN DATE | User input | 1 |
| INDEX | PRIME RATE, FLAT RATE | 2 |
| MARGIN RATE | User input | 3 |
| REASON | LoV | 4 |

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| Parameter Code | Possible values | Sort |
|---|---|---|
| TXNS ADJUSTMENT TYPE | ACTUAL, INCREASE, DECREASE | 5 |
| AUTO POST CHANGE PAYMENT | YES, NO | 6 |

- Removed the existing **AUTO POST CHANGE PAYMENT** parameter code.

| Parameter Code | Possible values | Sort |
|---|---|---|
| AUTO POST CHANGE PAYMENT | YES, NO | 6 |

- Added a new Parameter code **CHANGE PAYMENT ADJUSTMENT METHOD** with the following new look-up values. (For look up values - the system defined flag should be = Y).

| Parameter Code | Possible values | Sort |
|---|---|---|
| CHANGE PAYMENT ADJUSTMENT METHOD | ALWAYS, NEVER, ONLY WHEN INCREASE, ONLY WHEN DECREASE | 6 |

- ➢ **ONLY WHEN INCREASE:** Keeps the current behavior of the system as is. When selected - Posts a change payment transaction only if the recalculated payment is greater than the current payment amount.
  (This corresponds to the current behaviour that is shown by the system when the AUTO POST CHANGE PAYMENT parameter is Y)
- ➢ **NEVER:** Keeps the current behavior of the system as is. When selected - will not post the change payment transaction.
  (This corresponds to the current behaviour that is shown by the system when the AUTO POST CHANGE PAYMENT parameter is N)
- ➢ **ONLY WHEN DECREASE:** When selected - Posts a change payment transaction only if the recalculated payment is lesser than the current payment amount.
- ➢ **ALWAYS:** When selected - Posts a payment change transaction with the recalculated value in either of the case. (Increase or decrease in the newly calculated payment value).
- The new look-up is a **System Defined** Lookup. It will not allow any modifications to the look-up values set.
  By-default, the transaction parameter is 'NEVER'. (The current default value for AUTO POST CHANGE PAYMENT parameter is N)
- Seed data to be updated:
  - ➢ Removal of AUTO POST CHANGE PAYMENT transaction parameter.
  - ➢ Addition of the new parameter code CHANGE PAYMENT ADJUSTMENT METHOD and its corresponding system defined look-up values - ALWAYS, NEVER, ONLY WHEN INCREASE, ONLY WHEN DECREASE.
- This parameter value is supported in posting the **'INDEX / MARGIN RATE CHANGE'** on an account by all the current means. (UI, File, Web-services).

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- In case of a new payment resulting, is equal to the existing payment, then the system will post the payment change transaction with the same payment amount. This is in line with the current behavior.
- The increase in the transaction amount is validated against the **Payment Caps** values (Max Pmt Inc / Year & Max Pmt Inc / Life) as maintained in the contract.
  Any ACH setup with the current payment amount (before posting of the - Index / Margin Rate Change transaction), should be deactivated and a new ACH with the revised payment amount should be setup. This is to be handled manually / operationally.

### Data fix Script

A data fix script upgrade_reschedule_index_data is provided along with patch set release to update the default value of the newly introduced transaction parameter "CHANGE PAYMENT ADJUSTMENT METHOD "(txn_chg_pmt_adj_method_cd) to ALWAYS , for the existing Index / Margin Rate Change transactions posted with AUTO POST CHANGE PAYMENT (txn_rat_auto_pmt_ind) as YES.

## 20.2.3 Seed Data

| TABLE | KEY DATA | TYPE |
|---|---|---|
| FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN|TXN_CHG_PMT_ADJ_METHOD_CD | INSERT |
| LOOKUP_TYPES | CHG_PMT_ADJ_METHOD_CD | INSERT |
| LOOKUPS | CHG_PMT_ADJ_METHOD_CD|ALWAYS | INSERT |
| LOOKUPS | CHG_PMT_ADJ_METHOD_CD|NEVER | INSERT |
| LOOKUPS | CHG_PMT_ADJ_METHOD_CD|INCR | INSERT |
| LOOKUPS | CHG_PMT_ADJ_METHOD_CD|DECR | INSERT |
| TXN_CODE_PARAMETERS | RESCHEDULE_INDEX|TXN_CHG_PMT_ADJ_METHOD_CD | INSERT |
| FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN|TXN_RAT_AUTO_PMT_IND | DELETE |
| TXN_CODE_PARAMETERS | RESCHEDULE_INDEX|TXN_RAT_AUTO_PMT_IND | DELETE |

# 20.3 New parameter to DDCHANGE/OVERRIDE TXN

## 20.3.1 Overview

As part of this patch, a new transaction parameter called the 'statement consolidated' transaction parameter has been added to DUE DATE CHANGE and DUE DATE CHANGE OVERRIDE transactions.

## 20.3.2 Description

- Introduced a new transaction parameter, 'PROCESS STATEMENT CONSOLIDATED ACCOUNTS' for DUE DATE CHANGE/ DUE DATE CHANGE OVERRIDE transactions.
- Following is the behaviour of the system when the transaction is posted with the PROCESS STATEMENT CONSOLIDATED ACCOUNTS parameter in the combination of existing parameters.

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| PROCESS MASTER ASSOCIATED ACCOUNTS | PROCESS SAME PRODUCT TYPE AND FUNDING TYPE ACCOUNTS | PROCESS STATEMENT CONSOLIDATED ACCOUNTS | Behaviour |
|---|---|---|---|
| Y | Y | Y | System processes the accounts by filtering Master and Associate Accounts which are having Same Funding Type and Statement Consolidation Flag = Y. |
| N | N | Y | System Ignores this parameter and processes the current account even if the Statement Consolidation flag set to N. |
| Y | N | Y | System processes the accounts by filtering Master and Associate Accounts which are having Statement Consolidation Flag = Y. |
| | | | If the current account where this transaction is initiated statement consolidation flag = N then raise an error "Process Statement Consolidated parameter should be NO" and don't allow posting the transaction |
| N | Y | Y | System Ignores this parameters and processes the current account if the Statement Consolidation flag is set to N, If current account statement Consolidation flag is Y then system will validate. |
| Y | Y | N | Existing behaviour |
| Y | N | N | Existing behaviour |
| N | Y | N | Existing behaviour |
| N | N | N | Existing behaviour |

### 20.3.3 Seed Data

| SNO | Table | Key Data | TYPE |
|---|---|---|---|
| 1 | TXN_CODE_PARAMETERS | DDCHANGE_OVERRIDE\|TXN_PROCESS_STMT_CONSL_ACC_IND | INSERT |

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| SN O | Table | Key Data | TYPE |
|---|---|---|---|
| 2 | TXN_CODE_PARAME TERS | DDCHANGE\|TXN_PROCESS_STMT_CONSL_ACC_IND | INSE RT |

## 20.4  Change frequency of Cycle Based Collection Late Fees and Cycle based Late fees

### 20.4.1 Overview

Currently OFSLL does not support changing the frequency of 'Cycle based Collection late fee' and 'cycle based late fee' in Servicing. To support this, existing transaction "RESCHEDULE BILL CYCLE" is enhanced to update fee cycles same as the billing cycle.

### 20.4.2 Description

To achieve this below 2 transaction parameters are added to "RESCHEDULE BILL CYCLE" transaction.

| Transaction Code | Transaction Description |
|---|---|
| RESCHEDULE_BILL_CYCLE | RESCHEDULE BILL CYCLE |

| Parameter Code | Mandatory | Type | Sort | Default Values | Field Validations & Comments |
|---|---|---|---|---|---|
| Txn Date | Y | | 1 | | |
| PROCESS MASTER ASSOCIATED ACCOUNTS | Y | | 2 | | |
| PROCESS STATEMENT CONSOLIDATED ACCOUNTS | Y | | 3 | | |
| NEW BILLING | Y | | 4 | | |
| PROCESS SAME PRODUCT TYPE AND FUNDING TYPE ACCOUNTS | Y | | 5 | | |
| PRE BILL DAYS | Y | | 6 | | |
| DUE DAY MIN | Y | | 7 | | |
| DUE DAY MAX | Y | | 8 | | |
| MAX DUE DAY CHANGE DAYS | Y | | 9 | | |

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| Parameter Code | Mandatory | Type | Sort | Default Values | Field Validations & Comments |
|---|---|---|---|---|---|
| RESCHEDULE PAYMENT START DATE | Y | | 10 | | |
| PAYMENT AMOUNT | Y | | 11 | | |
| TERM | Y | | 12 | | |
| RESIDUAL PERCENT REMAINING | Y | | 13 | | |
| LATE CHARGE GRACE DAYS | Y | | 14 | | |
| LEASE EARLY TEMINATION | Y | | 15 | | |
| **CHANGE CYCLE BASED COLLECTION LATE FEE FREQUENCY** | Y | **LOV – YES_ NO_ CD** | 16 | N | If these parameters are set to "Y", system does update the Fee cycles same as new Billing cycle.<br><br>If these parameters are set to "N", system does not update the Fee cycles. |
| **CHANGE CYCLE BASED LATE FEE FREQUENCY** | Y | **LOV – YES_ NO_ CD** | 17 | N | If these parameters are set to "Y", system updates the Fee cycles same as new Billing cycle.<br><br>If these parameters are set to "N", system does not update the Fee cycles. |
| COMMENTS | N | | 18 | | |

**Validations:**

If 'CHANGE CYCLE BASED COLLECTION LATE FEE FREQUENCY' or/and 'CHANGE CYCLE BASED LATE FEE FREQUENCY' parameter is set as "Y", system doesn't validate the existing below validations and updates the respective billing cycle as the new billing cycle.

- If fee at masters flag is Y on master account then,

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- ➢ Account Billing cycle is greater than or equal to fee cycle.
- ➢ Account billing cycle is same for Master account and associated account with fee at master flag = 'Y'
- If fee at master flag is N on Master account, then,
    - ➢ If fee at respective account(s) flag is 'Y' then, Account Billing cycle is greater than or equal to fee cycle.
    - ➢ If fee at respective account is 'N' then, no validation related to fee cycle is done.

**Example**: Billing Cycle: **Quarterly**, Cycle based collection late fee frequency: **Quarterly,** Cycle based late fee frequency**: Quarterly**

On posting RESCHEDULE BILL CYCLE transaction with below parameters,

| Transaction Parameter | Value |
|---|---|
| CHANGE CYCLE BASED COLLECTION LATE FEE FREQUENCY | Y |
| CHANGE CYCLE BASED LATE FEE FREQUENCY | Y |
| New Billing | Monthly |
| Result | System will post the transaction with new billing cycle as Monthly along with Cycle based collection late fee and Cycle based late fee frequency. System will not check the above validations. |

If 'CHANGE CYCLE BASED COLLECTION LATE FEE FREQUENCY' or/and 'CHANGE CYCLE BASED LATE FEE FREQUENCY' parameter is set as "**N**", system validates the existing below validations and updates the respective billing cycle after checking the below validations:

- if fee at masters flag is Y on master account then,
    - ➢ Account Billing cycle is greater than or equal to fee cycle.
    - ➢ Account billing cycle is same for Master account and associated account with fee at master flag = 'Y'
- If fee at master flag is N on Master account, then,
    - ➢ If fee at respective account(s) flag is 'Y' then, Account Billing cycle is greater than or equal to fee cycle.
    - ➢ If fee at respective account is 'N' then, no validation related to fee cycle is done.

**Example**: Billing Cycle: **Quarterly**, Cycle based collection late fee frequency: **Quarterly,** Cycle based late fee frequency**: Quarterly**

On posting RESCHEDULE BILL CYCLE transaction with below parameters,

| Transaction Parameter | Value |
|---|---|
| New Billing | Monthly |
| CHANGE CYCLE BASED COLLECTION LATE FEE FREQUENCY | N |

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| Transaction Parameter | Value |
|---|---|
| CHANGE CYCLE BASED LATE FEE FREQUENCY | N |
| Result (Error) | Since the value of above 2 new parameters are N, system will validate with the existing validations as below:<br><br>As the existing 'cycle based collection late fee' and 'cycle based late fee' frequency is Quarterly and new billing cycle is Monthly, system will show an error saying "'cycle based collection late fee' and 'cycle based late fee frequency' is greater than the billing cycle" |

Assumptions:

- All other current business validations are retained.
- Transaction posted at master account fails if the transaction fails to post in any of the associated account.
- Behaviour of the transaction is same from UI, WS and file upload.
- Backdated and Reversal scenarios are handled. It is in line with existing transaction behaviour.

### 20.4.3 Seed Data

| S.N | Table | Key Data | Type |
|---|---|---|---|
| 1 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN\|TXN_CBC_FREQ_CHANGE_IND<br>INP_BMP_TXN\|TXN_CBL_FREQ_CHANGE_IND | INSERT |
| 2 | TXN_CODE_PARAMETERS | RESCHEDULE_BILL_CYCLE\|TXN_CBC_FREQ_CHANGE_IND<br>RESCHEDULE_BILL_CYCLE\|TXN_CBL_FREQ_CHANGE_IND | INSERT |

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## 20.5 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34216770 | SR: 3-29640581553<br><br>The batch job set SET-TPE is stuck for SVCUSD and runs in endless loop. | Fix has been provided such that after introduction of the index the execution time went down from 11173.5584 to 30.1196 in UAT. |
| 34232985 | SR: 3-29695658993<br><br>UAT PERFORMANCE: Error received as 'Account condition locked by other users'. | Fix has been provided for both QCC and QCS batch jobs so that "Locked by other user's" error doesn't occur. |
| 34289555 | SR: 3-29825933741<br><br>Reverse reposting discrepancy for MASTER EXCESS ALLOCATION transaction.<br><br>For backdated payment, along with other transaction MASTER EXCESS ALLOCATION txn also gets reversed, however while reposting, MASTER EXCESS ALLOCATION txn post with zero amount. | Fix has been provided to post the reverse and repost for backdated transactions correctly for master excess allocation. |
| 34311863 | SR: 3-29922053081<br><br>In OFSLL UAT the batch job - ITUPRCBJ_100_01 is failing with "ORA-06502: PL/SQL: numeric or value error'. | Fix has been provided to handle the PL/SQL numeric or value error. |
| 34317211 | SR: 3-29944861151<br><br>Webhooks are not getting invoked After successful Payload generation. | Fix has been provided bymoving webhook verified validation to next steps, so that always there is a record for the webhook event triggered. The same will be in failed state if the webhook channel is not verified and can be re-submit after verifying the channel. |
| 34322687 | SR: 3-29973936371<br><br>Performance improvement in the securitization reports. | Fix has been provided such that, 'rptsec_em_100_01' package changes done for performance improvement in the securitization reports. |
| 34336488 | SR: 3-29996885561<br><br>On successful trade reversal asset status is not changing from 'Inactive' to 'Active' status. | Fix has been provided such that, while migrating the account, ACCOUNT_ASSET_ RELATIONS are not migrating causing this problem in posting TRADE. Modified the code to migrate ACCOUNT_ASSET_ RELATIONS. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34347628 | SR: 3-30034903321<br><br>Package changes are done for performance improvement in the securitization reports. | Fix has been provided with package changes in 'rptrfr_em_100_01', and 'rptric_em_100_01' for performance improvement in the securitization reports. |
| 34348106 | SR: 3-30033644871<br><br>In case of zero credit balance manual Credit Refund transaction posted successfully. | Fix has been provided such that system is throwing correct message and not allowing to post with '0' amount while posting credit refund transaction. The same behaviour is allowed in web services also. |
| 34354277 | SR: 3-30049257101<br><br>Migration process to Validate NextRunDate calculated & Backdated Calculation Should Not reverse ACTIVE transaction posted. | Fix has been provided such that during migration LTC_RUN_DATE_NEXT is calculating incorrectly when acc_due_dt1 + late charge grace days is equal to back dated date for line accounts, fixed the code to calculate the LTC date correctly. |
| 34365688 | SR: 3-30072924941<br><br>Cycle based collection late fee calculation included amount from cancelled account. | Fix has been provided to not to consider the cancelled accounts during calculation of FCBC, FCBL and FLC transaction codes. |
| 34369825 | SR: 3-30117805211<br><br>OFSLL UAT - IPC (Cus Based Pay) & ITU_02 (Post uploaded txns) - performance degradation. | Fix has been provided such that, new index has been added to improve the performance. |
| 34371416 | SR: 3-30094277951<br><br>Package changes for performance improvement in the securitization reports. | Fix has been provided such that, rptric_em_100_01 package changes are done for performance improvement in the securitization reports. |
| 34375191 | SR: 3-30102633861<br><br>Package changes for performance improvement in the securitization reports. | Fix has been provided with package changes in rptsec_em_100_01 for performance improvement in the securitization reports. |
| 34400131 | SR: 3-30094277951<br><br>XVL_ACC_ACC_RUN_DT_NEXT validation is failing because 'acc_acc_run_dt_next' is same as 'acc_backdate_dt'. However, both these dates are being derived by the system. 'acc_acc_run_dt_next' is derived as 'app_conversion_dt'. 'App_conversion_dt' is derived as 'gl_date' -1.<br><br>'Acc_backdate_dt' is also derived as 'app_conversion_dt'. | Fix has been done to assign the 'acc_acc_run_dt_next' as GL date.<br><br>Along with the reported issue ACC_SCRA_IND issue also fixed.<br><br>ACC_SCRA_IND included in the account update. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34403554 | SR: 3-30157966521<br><br>In case billing due date is changed through monetary transaction, MEA run date next is not changing. | Fix has been provided to update MEA run date next (acc_mea_run_dt_next) for below Monetary Transactions,<br><br>1. PRE BILL-DAYS CHANGE<br><br>2. DUE DATE CHANGE & DUE DATE CHANGE OVERRIDE<br><br>3. EXTENSION & EXTENSION OVERRIDE<br><br>4. RESCHEDULE BILL CYCLE |
| 33897886 | SR: 3-28736120081<br><br>Issue with SECURITIZATION POOL FILE UPLOAD for duplicate records. | Fix has been provided by reverting the changes as it is causing the performance issues related to "iscprc_bj_100_01.pkb |
| 34446834 | SR: 3-29695658993<br><br>'Account Condition Locked by other users' errors received as commit not happening based on commit count from job_threads. | Fix has been provided such that Account conditions will be updated and committed in qcsprc_en_100_01.set_assignments based on the QCS job commit count. |
| 34450058 | SR: 3-30205055851<br><br>EOD batch job performance and golden gate limits. | Fix has been provided to limit the record update based on commit count. |
| 34450149 | SR: 3-30249869601<br><br>OFSLL PRD - CUP Job for WVR CHGOFF Accts failed with ORA-21560[invalid, or out of range] Exception. | Fix has been provided such that, system is restricting the execution of cupase_bj_100_01 and cupacc_bj_100_01 batch job by not picking any records when 'user_defined_parameters' have no data for the execution. Also, if there are no accounts in the system with enabled status in the CUP_ACC_STATUS_CD lookup, cupprc_bj_100_02 batch job is completed successfully with 0 records. |
| 34468381 | SR: 3-30304134601<br><br>Following Asset Related Jobs need to have an increase in the error file size since the current size/value set is not able to handle the large volume of data.<br><br>IATPRC_BJ_100_01<br><br>IARPRC_BJ_100_01<br><br>IASPRC_BJ_100_01 | Fix has been provided by replacing VARCHAR2(32000) with CLOB for bad_file ASSET_TRACKING_ATTRIBUTES.<br><br>So now system can have the batch job to handle more error file size with large volume of data. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34469682 | SR: 3-30304501708<br><br>During UAT, it has been noticed that the Account Delete API is displaying 500 Internal Server Error Message which ideally should not. Also there are no logs to capture, either in the Alert log or in the Debug. | Fix has been provided by adding the missing column in X_tab, Otab, OOtab. Now the Account delete API is working fine and also in customer service, the deleted account is not present. |
| 34469729 | SR: 3-30304501783<br><br>In UAT, system is experiencing severe performance issue related to the IPC job. | Code fix has been provided to improve the performance. The same has been tested with 20K record volume which took 7 min. |
| 31121583 | SR: 3-22685812891<br><br>Payment Rating does not update correctly in Extension, Paid Off and Paid Off reversal scenarios. | Fix has been provided, when calling txncrb_en_100_01.set_crb_acc_status_cd before, to be set 'gl_date' for 'Txn_date' in txnmat_en_111_01.maturity_processing package. Now Payment Rating updates correctly in Extension, Paid Off and Paid Off reversal scenarios. |
| 31893119 | SR: 3-24023002491<br><br>Credit Refund generated when there is no over payment on the account | Fix has been provided, actually the CREDIT REFUND manual reversal is not supported by OFSLL. So prepared data fix script for reversing CREDIT REFUND by taking Account Number and Transaction Date as input parameter. However this script is applicable only for the reported accounts. [The root cause analysis is pending] |
| 31893174 | The rules under the CARES Act are complicated and varied but it has to do with how the accounts are reported to the credit bureaus. | Fix has been provided such that, Metro 2 Batch Job is generating the file as per the new Regulator Guidelines. |
| 31644664 | SR: 3-23521738111<br><br>System not considering the payment received prior to start date of payment arrangement. | Fix has been provided, removed the 'Validation Payment Arrangement Start date <= transaction date'. Now system updates the Satisfied Indicator as "Y", even payment on the account is before payment arrangement date. |
| 31569793 | SR: 3-23454393069<br><br>For lease and line accounts, the statement ID generated and inserted into statements table misses the logic of padding the digit 9 at the end of it and this resulted in inconsistency between the transaction and statements. | Fix has been provided such that, included the padding logic for LEASE and LINE packages. Now system is including the transaction for which system parameter is set as Y. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31527776 | SR: 3-23372511101<br><br>Incorrect credit refund amount is generated because when a payment is made the full amount of principal remaining was put in the payment allocation even though the amount of the payment was much less than the remaining principal. The account moved to paid off because the balance was zero. When the paid off was reversed the balance stayed at zero and insurance products and finance charges were rebated which ended up with a much higher credit refund than should have been put on the account | Fix provided to post payment allocation with in available balance and also to post the Interest Rebate Transaction when it is required. |
| 31658245 | SR: 3-23308497598<br><br>RIDELINK / Ridelink is not accepting Null as a first or last name. | Fix has been provided such that, code changes made to show the title on Upper case.<br><br>First name and Last name is mandatory in OFSLL, and we cannot override this with basic validation, alternatively user can use "UNDEFINED" in the place of "NULL". |
| 31945800 | SR: 3-24153175281<br><br>It is found that Auto account comments for Review Requests misspelled "FORWARDED" as" Forwaded". | Fix has been provided such that, now system posts "FORWARDED" word correctly for auto account comment for Review Requests. |
| 30180752 | Enhance OFSLL technically to support specific requirements for Credit Bureaus | Implemented for TransUnion in 14.9 - https://docs.oracle.com/cd/F27106_01/pdf/refdocs/ofsll_release_notes.pdf<br><br>Implemented for Equifax and Experian in 14.10 - https://docs.oracle.com/cd/F35490_01/pdf/refdocs/ofsll_release_notes.pdf |
| 32066368 | SR: 3-24350325541<br><br>When an account is accelerated, the backdate date is set to the acceleration date. However, when the account acceleration is reversed, the backdate date is set to only 1 day prior to the previous accelerated date. | Fix has been such that provided, while posting Account Acceleration Reversal, system considers the value defined system parameter TPE_MAX_CYCLES_ BACKDATED and resets the ACC_BACKDATE_DT accordingly. |
| 32041384 | SR: 3-24325774551<br><br>The 'Remaining Term' in summary tab displaying negative value due to incorrect migration value given for 'Paid Term' | Fix has been provided with changes in the view UIX_ACC_FVW. If 'ACC_TERM_CUR-ACC_TERM_PD' is less than zero then displayed as zero. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 31999645 | SR: 3-24236680231<br><br>On a precomputed account, if the full amount of the finance charge is rebated and when none of the non-auto rebate insurance product is cancelled, the finance charge rebate amount is returned and posted on the account. This ideally should not happen since the full amount is already rebated. | Fix has been such that if the ACC_TIP_IND is `Y', and if user posts VSC Insurance Cancellation, system posts Insurance Rebate as calculated and does not post the `Finance Charge Rebate.<br><br>Also system does not show Finance Charge Rebate in txn results. |
| 31999631 | SR: 3-24196234581<br><br>Metro II file – It is noticed that the address line 1 and address line 2 fields in the metro file contain special character '#' that should be replaced with space. | Fix provided, for all Primary, J2-1, J2-2, J2-3 and J2-4 '#' character from address line 1 and address line 2 fields and are replaced with space. |
| 31981276 | SR: 3-24196316371<br><br>When an account is converted from Precompute to Interest Bearing loan, the starting principal balance is not taken into account along with the principal adjustment minus, principal adjustment plus or principal waive balance buckets. | Fix has been provided to include the principal adjustment minus, principal adjustment plus and principal waive balance while converting the account from precompute to interest bearing. |
| 31855672 | SR: 3-23830636881<br><br>Bankruptcy Detail Record is not populated, when Bankruptcy Condition is created through Call Activity on an account. | Fix has been provided by modifying the code to populate Bankruptcy Detail Record when Bankruptcy Condition is created through Call Activity on an account. |
| 32406313 | SR: 3-24794388481<br><br>Account Remarketing – It is noticed that sometimes an account has 2 repo records in repossession details, one blank and the other good.<br><br>This happens when the asset is sold and tied to the close of repossession call activity that posts at this time. This has happened since the 12/13 hot fix for call activity fix went into production. | Fix has been provided such that when posting 'Close Repossession' and 'Close Bankruptcy' Call Activity, duplicate record inserted into respective tables. This is due to; we are re-assigning the lv_tcn_txn_rec.txn_tcd_code to 'CONDITION_OPEN' for 'LNCC'.<br><br>Therefore, lv_tcn_txn_rec.txn_tcd_code changes from CONDITION_CLOSE to CONDITION_OPEN causing this issue.<br><br>1. For LNCC, we used lv_tcn_txn_rec1 record type to assign txn_tcd_code.<br><br>2. For (BKRP, REPO, CHGOFF), we used lv_tcn_txn_rec record type to assign txn_tcd_code |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32509088 | SR: 3-25210952901<br><br>When payments are moved from suspense to an account, they are posted on the account with the tcd code of PAYMENT_NONCASH. These payment_noncash payments are not getting included in the actual payments made. | Fix has been provided such that the PAYMENT_NONCASH condition is added to the txn_tcd_code in 'cbuutl_em_100_02' package.<br><br>Now Metro 2 file is generated with met_base_act_pmt_amt column which contains the total of both Payment and Suspense Payment. |
| 32399760 | SR: 3-25000900931<br><br>While processing the batch job - TXNACR_BJ_100_02 (PREPARE BATCH DATA FOR INTEREST ACCRUAL AND DELINQUENCY PROCESSING), system picks all the accounts irrespective of status but accrual processing is based on 'ACTIVE' and 'CHGOFF' accounts. This is leading to performance issue. | Fix has been provided with changes add to the below conditions during Min and Max RowId allocation,<br><br>Acc_Acc_Run_Dt_Next < Lv_Jrq_Rec.Jrq_Gl_Post_Dt + 1<br><br>And Acc_Open_Ind = YES<br><br>And Acc_Status_Cd In (ACTIVE, CHGOFF)<br><br>Now under Job_Threads table the sum of JBT_ROWID_COUNT = Total No of records in ACTIVE and CHGOFF status. |
| 32345597 | SR: 3-24626819521<br><br>After post Maturity and while running SET-ACR batch job set, the Payment rating is not calculated but Account Status is only updated. | Fix has been provided by adding Payment rating procedure to the 'txndlq_en_100_01.pkb' so that the Payment rating is reflected as per days past due. |
| 30544451 | SR: 3-21558757661<br><br>Two credit bureau requests for TUC completed on the same date. It appears that the user submitted a second request before the first request which went to Completed status so the second request processed and completed. | Fix is provided by including Submitted status also in the select query. Now, system displays an error if we try to create a second request for the same bureau on the same day. |
| 30491493 | SR: 3-21170935071<br><br>1. Bankruptcy indicator is hardcoded as below in executeLoanApplication RestFul Webservice | Fix has been provided such that Bankruptcy indicator is defaulted with "N", since corresponding database column defaulted with "N". |
| 31523975 | SR: 3-23353070601<br><br>2. Metro file generation process (cbuutl_bj_100_03.cbuutl_bj_100_03) execution plan is not stable. | Fix has been provided by modifying the code (cbuutl_em_100_03.pkb), now system reports latest report for that month without duplicate metro II data in the file. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 32851876 | SR: 3-25836070561<br><br>Incorrect scheduled payment amount in metro report. | Fix has been provided by introducing new system parameter "REPORT METRO II SCHEDULED MONTHLY PAYMENT AMOUNT (METRO II)" to configure field reference for 'Scheduled Monthly Payment Amount' field in metro II. |
| 32895234 | SR: 3-25936137231<br><br>Error Message Received when Posting DeferPayment Account Event Notification. | Fix has been provided and now system allows to post deferred payment account event notification even when 'acc_crb_spl_pmt_history' > 30 characters. |
| 32900170 | SR: 3-25946677048<br><br>Credit reporting account status (met_base_account_status) incorrectly changes from reporting 95 volume. | Fix has been provided such that system maintains ase_repo_forc_type_cd value in assets table as VOL only and reports the account status accordingly i.e., 95. |
| 32847829 | SR: 3-25836817261<br><br>Many java classes remain INVALID after upgrade from 12.1 to 19c. | Fix has been provided by deleting the vevnad_jl_000_01.jsp as it was making the OFSLL java classes remain INVALID after upgrade from 12.1 to 19c. |
| 33476543 | SR: 3-27374159001<br><br>On cancelling an insurance product on a precomputed account (ACT accrual method) system displays an error message "First Pmt Date cannot be less than contract date" in situations where the bill out was stopped months earlier because the account was moved to a PAID status. | Fix has been provided such that the error message description is changed "First Pmt Date cannot be less than contract date or System not processed the Billing till current date". |
| 33465181 | SR: 3-27352653651<br><br>Finance Charge Rebate on insurance product cancel is double rebated when you cancel the insurance product on a precomputed account and then backdate a payoff payment prior to that cancellation (which results in the full rebate of finance charge). | Fix has been provided by restricting additional transaction for rebate amount on backdated payoff payment time. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 33493841 | SR: 3-27450190221<br><br>Credit Reporting on multiple bankruptcies not following FAQ 30 of the CRRG:<br><br>Issue 1: Reporting a $0 balance, amount past due, and scheduled monthly payment when there is a customer pending bankruptcy.<br><br>Issue 2: Not reporting the CII when a bankruptcy changes status or there is a new bankruptcy petition from a former non-filer. | Fix has been provided such that, when Metro 2 file is generated:<br><br>Issue 1: Prim applicant receives a discharge, and CIIC H is reported. However, the other applicant still has an active bankruptcy and value for current balance, amount past due, and scheduled monthly payment is populating for the account.<br><br>Issue 2: CIIC for Prim applicant is updated as 'E' and other applicant is populating as 'A' |
| 31891124 | SR: 3-24025602831<br><br>There are PAYMENT_ERROR transactions in the transactions table that currently have a primary indicator of R. These are transactions that the user tried to reverse out using the payment maintenance screen. | Since the issue is unable to simulate additional Debug logs have been added to identify the root cause of the issue. |
| 32847829 | SR: 3-25836817261<br><br>OFSLL java classes remain INVALID after upgrade from 12.1 to 19c. | Fix has been provided with drop statements for JSP files which are deprecated. |
| 32921585 | SR: 3-25937025758<br><br>During Credit reporting Date of First Delinquency (DOFD), if Account is delinquent but not credit reporting delinquent and then becomes credit reporting delinquent DOFD is inaccurate. | Fix has been provided for the DOFD issue. |
| 33379986 | SR: 3-27082389161<br><br>Incorrect PHP month updated when account is in deferral and the update is completed directly against the metro table which means is not continually reported of the deferral time period after the deferral period ends. | Fix has been provided such that D is not removed if transactions are backdate and it will continue to show in the appropriate months after the deferral is removed from the account. |
| 33386570 | SR: 3-27082093491<br><br>Current state when the payment deferral is put on the account and the account is credit reporting delinquent, the DOFD is reporting with the account status 11 this is not an expected behavior. | Fix has been provided for DOFD such that if account having Deferred Payment condition or Forbearance condition along with active bankruptcy, the DOFD should be the bankruptcy petition file date. |

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# 21. Patch Release 14.10.0.0.19

## 21.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 21.2 Seed Data changes for Impacted Bugs

NA

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## 21.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34289555 | SR: 3-29825933741<br><br>While posting a backdated payment, along with other transaction even the MASTER EXCESS ALLOCATION transaction also gets reversed. However while reposting, MASTER EXCESS ALLOCATION transaction gets posted with zero amount. | Fix has been provided with code changes such that in case of backdated payment, along with other transaction MASTER EXCESS ALLOCATION transaction is reversed and reposted with original amount. |
| 34523013 | SR: 3-30441342651<br><br>Issue with Event Scheduler: The triggered events were in SUBMITTED status but not moved to COMPLETED status even though the messages were processed successfully. | Fix has been provided not to duplicate the job name in events_log table to resolve the issue. |
| 34509232 | SR: 3-30404647321<br><br>Request for performance improvements in RPTSEC_EM_100_01 and RPTRIC_EM_100_01 packages since its affecting the securitization reports. | Fix has been provided in the RPTSEC_EM_100_01 and RPTRIC_EM_100_01 packages to enhance performance delays in securitization reports. |
| 34469729 | SR: 3-30304501783<br><br>In the production environment, the IPC (CUS BASED PAY) Customer Payments Upload Batch Job is taking 6.30hrs to complete execution. | Fix has been provided with performance tuning to improve the batch job efficiency and tested with appropriate volume. |
| 34483047 | SR: 3-30329060781<br><br>On click of Queues > Customer Service > Update Queue button, accounts are not moving to expected queue and the logs shows "PL/SQL: storage error". | Issue was because, if the QCS batch job (QCSPRC_BJ_100_01) is disabled or not maintained in job setup, the error is displayed. If QCS job is maintained, then on click of Update queue button, system processes the accounts based on the commit count maintained for QCS job. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 33693893 | SR: 3-28036286941 <br><br> There is a mismatch in Account Balances and Due amount summary balances and need a fix on Patch set 14. | The data correction script has to be executed in the environment. Post executions all accounts are corrected. <br><br> The data fix script does the following: <br><br> o Correct all line accounts CTD/YTD balances. <br><br> o Correct the YTD balances of Loan accounts. <br><br> During the process of script execution, following changes are done: <br><br> o Identify the problematic accounts and correct the individual balances of CTD. <br><br> o Copy the data from CTD to YTD balances. <br><br> In addition, the provided scripts do the following: <br><br> o Handle Payment excess allocations and waive, adjust transactions. <br><br> o Fix also includes code changes to include Adjustment Subtract Transactions. |
| 34487134 | SR: 3-30346869503 <br><br> The Cycle Based Collection Late Fee is not included in Total Due balance and also not seen in the master account (Summary consolidated for associated accounts). | Fix has been provided with data fix script to correct the "acc_due_other_amt" for migration accounts. <br><br> **Note**: It is required to run the SET-ACR batch job post data fix script to populate other due fields correctly. |
| 34531438 | SR: 3-30467844101 <br><br> Request for performance improvements in RPTRIC_EM_100_01 package since it is affecting the securitization reports. | Fix has been provided in the RPTRIC_EM_100_01 package to enhance performance delays in securitization reports. |
| 34401993 | SR: 3-30158458911 <br><br> After billing is processed, if there are any backed payment on billing day (or before), then posting reverse/ repost transaction causes incorrect balance update on master account. | Fix has been provided with changes in transaction code and access grid functions to update correct balances on master account. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34469523 | SR: 3-30322985805<br><br>Payment amount distribution on the associated accounts is not happening properly. System allocates a negative value to one of the associated accounts based on the payment hierarchy. | Fix has been provided such that after allocating the transaction amount to one of the associated accounts, if the allocated amount is greater than remaining payment amount then that associated account will be allocated with the remaining payment amount.<br><br>This change is made to the below payment hierarchy type codes:<br><br>1. DELQ DUE AMOUNT RATIO<br><br>2. TOTAL DUE (INCL CURRENT DUE) RATIO<br><br>3. OUTSTANDING BALANCE RATIO<br><br>4. DUE AMOUNT RATIO (INCLUDING CURRENT DUE) |
| 34483485 | SR: 3-30322372734<br><br>Noticed duplicate condition code on some of the accounts in production environment. | Fix has been provided with data fix script to delete duplicate entries in account conditions.<br><br>This data fix drops the existing non unique index (ACO_IDX3) on (ACO_AAD_ID, ACO_ACC_CONDITION_CD) and creates new unique index (ACO_UDX1). |
| 34553955 | SR: 3-30530036651<br><br>Request for performance improvements in RPTRFR_EM_100_01 package since it is affecting the securitization reports. | Fix has been provided in the RPTRFR_EM_100_01 package to enhance performance delays in securitization reports. |

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# 22.  Patch Release 14.10.0.0.20

## 22.1 <u>Enhancements</u>

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 22.2 <u>Seed Data changes for Impacted Bugs</u>

NA

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## 22.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34311077 | SR: 3-29927401881<br><br>In REPORTS (Servicing): MONETARY TXNS LOG BY GL POST DT – LINE - on click of generate button, report PDF is not generated and instead a 504 Gateway Timeout error is displayed.<br><br>However, reports are displayed properly when directly generated from the BIP server. | Fix has been provided such that the data model query for Monetary Transaction Log By GL Post Dt –Line has been modified and new indexes added on TXNS table to increase performance. |
| 34483485 | SR: 3-30322372734<br><br>It is noticed that there are duplicate condition code on accounts which is affecting almost 5000 accounts. | Data fix has been provided to delete duplicate entries in account conditions which also drops the existing non unique index (ACO_IDX3) and creates new unique index (ACO_UDX1). |
| 34487134 | SR: 3-30345871991<br><br>In the Summary screen > Other Due Field, the cycle based collection late fee is not captured and included in Total Due balance. | Data fix script has been provided to correct the acc_due_other_amt to include the cycle based collection late fee in calculation. |
| 34488074 | SR: 3-30343412261<br><br>During End of Day processing the batch jobs TXNRAT, TXNMTD AND TXNTIP failed with unhandled exception even though there are no records to process. | Code fix has been provided with a condition to call the txnupd_el_100_01.update_ account_all only when there are records to process. |
| 34508354 | SR: 3-30377225371<br><br>The Stop Correspondence flag is not automatically updated to N while closing bankruptcy condition. However, while opening a bankruptcy condition the Stop correspondence flag is set to Y. | Fix has been provided with code changes to update the customer level stop correspondence flag to N when the bankruptcy condition is closed (post_condition_close) similar to the logic when condition is opened (post_condition_open). |
| 34538718 | SR: 3-30481964361<br><br>It is noticed that when the accounts got loaded through the conversion process, timestamp is not captured.<br><br>On downloading the data these accounts got filtered out as the timestamp is not there. | During migrating of accounts, instead of taking the values from Itables to main tables system is taking sysdate for creation_date and last_update_date. The same has been corrected to resolve the issue. |
| 34548839 | SR: 3-30512104031<br><br>During End of Day processing the Master Excess Allocation batch job (TXNMEA) took long time to process the records creating performance degradation and batch delays. | Fix has been provided with code changes in txnpmt_em_100_05 to process the records faster and also changed the lv_clause logic to pick lv_clause2. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34553955 | SR: 3-30530036651<br><br>Request for change in RPTRFR_EM_100_01 package for performance improvement in the securitization reports, | Updated code has been provided in the patch to enhance securitization reports generation process. |
| 34575605 | SR: 3-30567637948<br><br>In User Defined parameters screen, the Create copy button is not copying company, product type and funding type. Ideally it is expected by system to copy these fields as well. | Fix has been provided by adding Company, Product Type, and Funding Type fields in UIX_UUP_EVW view to copy the details. |
| 34577227 | SR: 3-30570065477<br><br>In certain scenarios it is noticed that for a system posted transaction of Reversal of the Master Excess Allocation, there is no corresponding trace of this transaction in pmt_allocations table. This is causing a discrepancy to match the Payments to Charges for a given account. | Data fix has been provided such that when Master Excess Payment has Payment Excess allocation, system reverses Payment Excess during MEA reversal. |
| 34582337 | SR: 3-30570065557<br><br>In production environment, the Master Account is not reflecting the correct credit balance and due to this users cannot identify their correct credit balance. | Fix has been provided with package level changes in txnprc_el_100_01.pkb and txnmea_em_100_01.pkb to resolve the issue. |
| 34595164 | SR: 3-30629684194<br><br>On running master excess batch job, excess amount is getting allocated which is greater than the due amount on that account. | Fix has been provided with code changes to not to allocate excess amount on the associated account and keep that excess on the master account itself. Also the change has been made to restrict the doubling of net excess if the master account has a payment of $0.1 that was allocated as payment excess. |
| 34606674 | SR: 3-30648921981<br><br>It is noticed during the month end processing of the Revenue Recognition Job (REVREC_BJ_100_02) the commit frequency is impacting the Golden Gate performance and causing the delays. | Code fix has been provided to improve the performance of the month end revrec batch job. |
| 34609877 | SR: 3-30660347841<br><br>It is noticed that the TRADE transactions are failing if the TXN_PROCESS_LINKED_ACC _IND is set to N. This is impacting the Production is a higher volume. | Fix has been provided by reverting the previous patch set changes in txnprc_ew_100_01.pkb. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34629793 | SR: 3-30696466041<br><br>In staging environment, the Event Service shut down since there was no node instance received from queries and was unable to start later. | Fix has been provided by setting the default node instance to 1, so that even if there is no node status from queries Event Service will not shut down. |
| 34631037 | SR: 3-30709710381<br><br>In the production environment, it is noticed that the debug logs are not getting generated even if debug is enabled for TXNTRD_EN_100_01_DEBUG_LEVEL. This is impacting the SR analysis without debug files. | Debug generation code has been corrected for the below units:<br><br>1.evacup_en_100_01.pkb<br><br>2.lbxprc_ew_100_01.pkb<br><br>3.pjrpev_bj_100_01.pkb<br><br>4.tnmprc_ew_100_01.pkb<br><br>5.txntrd_en_100_01.pkb |
| 34291300 | SR: 3-29832869771<br><br>It is noticed that the footer Record Types in the statement files generated for LOAN,DUES and Mock are not matching to what is defined in the Output Data Dump Configuration. | Since the Customer business statement had the footer defined as REC9, code fix has been provided by modifying the footer to REC4 to make consistency across the statements. |
| 34553735 | SR: 3-30516969261<br><br>In production there are some accounts that have a future start date in the application.<br><br>Currently unable to make any changes to the accounts since the start date is in the future. Hence, request support on how to close/remove them since they are invalid. | Fix has been provided with Data Script to remove the accounts with ACC_CONTRACT_DT greater than SYSDATE and moving the entries to X_TABLES. |
| 34294225 | SR: 3-29848078701<br><br>On executing the batch job QCSPRC_BJ_100_01, accounts are moved from one queue into another. Ideally Accounts should remain in the Queue unless they are no longer meeting the criteria defined for account condition and account condition start date. | Since this is configuration issue, fix has been provided in qcsprc_en_100_01.pkb so that queue batch job does not make duplicate entry in history table for the same day provided same selection criteria is there, for as many execution. |

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# 23. Patch Release 14.10.0.0.21

## 23.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 23.2 Seed Data changes for Impacted Bugs

NA

## 23.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34676160 | SR: 3-30829080001<br><br>Tracking attributes are not loading when trying to perform bulk file upload. | Fix has been provided such that the the account will load all the tracking attributes, which are enabled from the SETUP during account creation, and we can upload the tracking values using file upload. The tracking attributes values loaded from the file are showing correctly in the account tracking attributes. |
| 34313712 | SR: 3-29937100871<br><br>Linked account status not changed to Traded | Fix has been provided by modifying the transaction iteration logic to include TRADE transaction. Modified the account pick logic to make it correct and generic without any transaction codes. Now "Trade" transaction posted on source as well as linked account. |
| 34435869 | SR: 3-30236828581<br><br>Metro II date of first delinquency and Pmt ratings are blank due to missing<br><br>parameter | Fix has been provided, if the parameter ACC_MATURITY_DELQ_EXCLUDED is disabled then system considers the value as 'Y'. Working as expected |
| 34449932 | SR: 3-30255451221<br><br>OFSLL-PRD, Bug in the Job Scheduler-Next Run Date Incorrect update.<br><br>Noticed bug in the job scheduler with the next run date. If there is failure<br><br>in any of the EOD jobs and we resumed it a while later, the next run datetime for all the pending jobs is updating to the time we resume the jobs. | Fix has been provided, the procedure "update_jbs_children" , was updating the "jbs_run_dt_next" of the child job sets to greatest(sysdate,jbs_run_dt_next), when a parent job set is manually submitted. When there is an EOD failure, and the failed job set was manually submitted after the start of the business time has already crossed, this was causing the GL date to flip even before the rest of the jobs of the EOD have not completed. This line in the update statement is removed now |
| 34554179 | SR: 3-30619781441<br><br>Users are reporting the Unresponsive Error message in the application. | Fix has been provided, code changes done to improve the performance in Securitization (Servicing) screen and Producer (Servicing) Screens. |
| 34577052 | SR: 3-30569806771<br><br>When user tries to upload different types of transactions on a single account using transactions upload file via ITU or IPF, the upload fails with the error message "Account Locked" | Fix has been provided in such a way that a single transaction upload with different types of transactions for the same account. Working as expected Transactions posted on Accounts. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34582699 | SR: 3-30575028541<br><br>While trying to upload some accounts to the application using a JSON, system displays an error in the response: "ErrorDesc": "Transactions Purged, Backdating of Transaction is allowed upto specific date as defined in the system parameter. | A logical fix has been given to fetch the PTX_TXN_LAST_PURGE_DT from system parameters always irrespective of any previous value stored. However, this needs to be tested extensively with multi-account request of same/different company. |
| 34634033 | SR: 3-30661791891<br><br>There is a discrepancy on the total due that is being displayed in the statement file when compared to total due that is being displayed in OFSLL system. Even if MEA was applied, the statement, system still shows as if it was not applied. | Code change has been made to properly update the statements upon running the MEA even if the amount allocated is a partial payment for the due on that specific account. |
| 34649749 | SR: 3-30738125051<br><br>When the system parameter ACC_MATURITY_DELQ_EXCLUDED is set it as 'Y' and enabled. Once all the due amount except the late charge or any fee is paid then in metro II , the account is reported with Amount Past due instead of actual. | As part of txndlq_en_100_01.compute_dlq_details, the delinquency amount (acc_due_dlq_amt) is updated with the payoff amount(acc_payoff_amt).<br><br>When the account is reported in METRO II, again the total outstanding fees against the account is added to the delinquency amount which doubles the delinquency amount. |
| 34650482 | SR: 3-30748222991<br><br>Metro II Credit Reporting issues – System reports the MET_BASE_ACT_PMT_AMT in metro II as $0 even when customer has made the payments. | Fix has been provided such that system populates the MET_BASE_ACT_PMT_AMT between last process process date and current date |
| 34650498 | SR: 3-30748223007<br><br>Issue with FRCA compliance date on Repo Accounts - The date is clearing off after the account is closed for 0 balance. This is not as per the Guidelines.<br><br>Due to this issue, system incorrectly reports the delinquency date to metro II. | Fix has been provided such that system sets the first delinquency date to null for repo cases. |
| 34651150 | SR: 3-30748223052<br><br>When accounts status is 13 and payment rating is in 1,2,3,4,5 and 6 the MET_BASE_FRCA_COMPLIANCE_DT must be populated.<br><br>With the new patch the date is being reported blank which was not happening before patch. | Fix has been provided such that when accounts status is 13 and payment rating is in 1,2,3,4,5 and 6 the MET_BASE_FRCA_COMPLIANCE_DT date is populated based on acc_crb_first_dlq_dt. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34672614 | SR: 3-30828369731<br><br>It is noticed that the BOD is getting triggered even before the completion of the Critical Jobs. | Fix has been provided such that the Failed Job Set during Scheduler run are resubmitted manually after Start of Business Time. |
| 34674343 | SR: 3-30834952041<br><br>The processing of securitization reports is taking longer time creating performance issues. | Fix has been provided in RPTRIC_EM_100_01 PACKAGE for performance improvement in the securitization reports. |
| 34676366 | SR: 3-30835443571<br><br>The new metro II Past Due is being reported 0 for delinquent accounts.<br><br>The pattern noticed is all these accounts have special comment code of AW. | Currently, Amount Due hardcoded as '0' if special comment = AW<br><br>Fix has been provided by removing the hardcoded value '0', as per the latest metro2 guidelines. |
| 34694842 | OFSLL Scheduler and Services status not in sync with database. The Jobs are running in database but UI shows STOPPED status. | Fix has been provided to ensure that OFSLL Scheduler and Services status are in sync with database. |
| 34708739 | SR: 3-30952487621<br><br>Request for CTQ Report code changes for deployment. | Fix has been provided with required code changes and released as hotfix. |
| 34617605 | SR: 3-30676074528<br><br>When processing a 'modification' of a payment in the Payment Maintenance tab; and selecting a 'reason' from the dropdown list, only the account from where the payment is being reversed shows the reason code.  The account were the account is posted to does not show the reason code, it shows the original payment reason code. | Ideally, system should show the modified reason code details for the account were the posting happened also not only the account from where the payment is reversed.<br><br>Hence modified code to populate Reason code from Payment maintenance screen. |
| 34745245 | SR: 3-31070298731<br><br>Request for code changes to deploy CTQ and RIC reports for improve performance. | Fix has been provided with code changes to improve the performance. |
| 34648740 | SR: 3-30740536671<br><br>For specific accounts, on trying to retrieve the account through GetAccountDetails API, the request is failing with 500 error. | For accounts which are being fired to get the account details are getting 500 error because of no data found error.<br><br>Those accounts have multiple trade records in TRADE details table and tdt_target_ aad_id value is not present in the accounts.<br><br>Fix has been provided to handle the error no data found. |

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# 24. Patch Release 14.10.0.0.22

## 24.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 24.2 Seed Data changes for Impacted Bugs

NA

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## 24.3 Patches and Bugs

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34260372 | SR: 3-29742360411<br><br>The Payment rating furnished in the credit reporting file on an account is not accurate. If an account is paid off later than customer's maturity date, it is expected to see a Payment Rating of 4, populated on the account, but was furnished with Payment Rating of 0. | Fix has been provided by marking the oldest due date in line with maturity date when it's greater than maturity date. |
| 34531323 | SR: SR: 3-30465577901<br><br>System displays an error message "Payment control Total not matching, Posting not allowed".<br><br>In some cases it is identified that the reversal was marking some accounts as ERROR-REVERSAL due to a backdating error message and due to this issue, users cannot post payment reversal batch successfully. | Fix has been provided by creating a script to reverse the latest payment from duplicate payments and also to stop payment reversal on charged off accounts. |
| 34564777 | SR: 3-30522463741<br><br>There is an unsupported or unrecognized frequency code for job set and job set frequency code is set as NULL. | Fix has been provided such that the event next run date derivation based on job set frequency check is made to happen only when SET-EVE job is maintained for webhook by adding a condition lv_jbs_rec.jbs_job_set_freq_cd IS NOT NULL for the same. |
| 34647468 | SR: 3-30740180461<br><br>In production environment, on attempting to open Inventory Release condition on a Cancelled account the Call Activity is allowed to be posted, but the condition code is not being posted to the account. | Fix has been provided by modifying the unit to replace SQL%ROWCOUNT conditional check with a local variable so that INVENTORY RELEASE condition can be posted through call activity. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34672697 | SR: 3-30820930001<br><br>On attempting to update an existing CBC with new condition codes that were identified as needed for the Exclusion criteria, 330+ condition codes. | Fix has been provided such that,<br><br>1. When saving criteria value is between 2K and 4K with comparison operator in ('LIKE', 'NOT LIKE', 'IN', 'NOT IN'), system throws an error. Hence size of lv_string is modified to 4000.<br><br>2. When criteria value length is 3900 and length without ' (quotes in the query) is <=2000, the final query length that is prepared in sql exceeds 4000. When enabling such maintenance, system throws an error. Hence given a proper "Query prepared when it exceeds maximum size of 4000 characters". |
| 34695513 | SR: 3-30895577741<br><br>The Comment and Call Activity even if generated form same system, it is registered as being sent from 2 different sources. | Fix has been provided such that the user code passing to register the insert comment procedure into the view is common i.e. the 'Created By' details are common in both the tabs for the call activity. |
| 34715658 | SR: 3-30967075241<br><br>In production environment, the Account Comments are showing with full SSN Unmasked. | Fix has been provided such that SSN number is masked in the comment section of Customer Maintenance Transaction for SSN modification for the existing customer. |
| 34745245 | SR: 3-31070298731<br><br>Request code changes to deploy CTQ and RIC reports to improve performance. | Fix has been provided with code changes to deploy CTQ and RIC reports to improve performance. |
| 34768647 | SR: 3-31142740851<br><br>There are MEA transactions which on reversing and reposting are missing MAST_EXCESS_ALLOCATION_OUT transactions on the Master account and on the associated accounts.<br><br>Also when manual credit refund transaction posted there is a mismatch in account outstanding and net excess balances. | Following scripts has been provided with following data fix scripts:<br><br>Step 1: upgrade_fix_MEA_excl_table_ scripts_34768647_01.sql<br><br>Step 2: upgrade_fix_MEA_excl_table_ scripts_34768647_02.sql<br><br>Step 3: upgrade_fix_MEA_excl_table_ scripts_34768647_03.sql<br><br>Step 4: upgrade_fix_MEA_excl_table_ scripts_34768647_04.sql |
| 34785725 | SR: 3-31195277161<br><br>Request code changes in RIC report package to improve performance. | Fix has been provided in rptric_em_100 _01 code changes deployment for RIC report to performance improvement. |
| 34793582 | SR: 3-31224562071<br><br>It is noticed that the Pre-bill Days Transactions is altering the Due Date Run Next dates incorrectly. | Fix has been provided to update the 'statement id' of transactions table correctly. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34834141 | SR: 3-31323886041<br><br>Unable to OnBoard accounts since account tracking attributes validation fails and same behaviour is noticed in both SaaS and DEV environment. | Fix has been provided with code changes to validate the tracking attributes properly, when multiple request calls happens. |
| 34582954 | SR: 3-29482202221<br><br>Migration Issue noticed for Trade Functionality when there is one Target account and multiple Source accounts. | Fix has been provided with code changes to api_data_extract (internal package) to write the trade details in dat file correctly. |
| 34793708 | SR: 3-31222982451<br><br>In production environment there are discrepancies noticed in Reschedule Bill Cycle Transaction.<br><br>When a monthly billing account is rescheduled to annual billing with prebill days changed and DDT Is run, then transactions for current cycle prior to posting RESCHEDULE_BILL _CYCLE transactions are missing in the STATEMENTS screen. | Fix has been provided such that when posting the reschedule billing cycle transaction, the TXN_STMT_ID is updated for transactions from last billing basis the latest DDT run date next. |

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# 25. Patch Release 14.10.0.0.23

## 25.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 25.2 Seed Data changes for Impacted Bugs

NA

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## 25.3  <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 34796686 | SR: 3-31207533571<br><br>During Securitization File Upload, if file contains duplicate data while moving accounts from one pool to another, the pool code is marked as 'UNDEFINED'. | Fix has been provided with code changes to process single record whenever there is a duplicate data passed from file. |
| 34901451 | SR: 3-31557851991<br><br>Performance degradation is observed while using the Customer Payment Posting Service. Each request was taking from 51 - 60 seconds to receive a response. | The reason for performance impact could be due to an additional criteria added in the payment hierarchy. Fix has been provided by adding indexes on ACCOUNTS & PAYMENTS_TEMP table to improve the performance.<br><br>***Note***: *If funding type code is being added in a payment hierarchy selection criteria, then it should be added always in combination with product type code.*<br><br>*Adding any additional selection criteria in a payment hierarchy will have a significant impact on application performance.* |
| 34895911 | SR: 3-31541190401<br><br>The Account OnBoarding process fails when customer has more than one address i.e. when customer home and office address is same in address table. | Since there cannot be 2 mailing indicators set as 'Y' for active address, fix has been provided such that the mailing indicator is set as Y for one of the active addresses. |
| 34880952 | SR: 3-31496656431<br><br>Request for code changes in RPTCTQ CTQ reports to improve performance. | Fix has been provided with code changes in RPTCTQ_EM_100_01 by adding a condition for CTQ report to performance improvement. |
| 34848634 | SR: 3-31359509971<br><br>For Payment error transactions, when a transaction with TXN_SET_ID as 0 is reversed, system updates the TXN_PRIMARY_IND of all unrelated transactions which has TXN_SET_ID 0 in the application from Y to R. | Since there is an UPDATE statement in TXNPRC_EM which is not based on TXN_AAD_ID, fix has been provided by handling TXN_AAD_ID condition in the update statement so that the reversal updates TXN_PRIMARY_IND to R only for transactions related to the account AAD ID. |
| 34745245 | SR: 3-31070298731<br><br>Request code changes to deploy CTQ and RIC reports to improve performance. | Fix has been provided with code changes to deploy CTQ and RIC reports to improve performance. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34716105 | SR: 3-30930878471<br><br>Account trade transactions are failing with error on posting Trade Split Transaction with incorrect Equity amounts. | Fix has been provided in TXNTRD_EN_100 _01.PKB package to capture additional information of source and target account numbers with respective equity amounts. |
| 34690421 | SR: 3-30850425271<br><br>Queue setup is not working as expected as the Queue Priority (ASG_SORT) not sorting on queues which are based on DELQ condition. | Fix has been provided with code changes to prioritize queue and sort with high priority. |
| 34630488 | SR: 3-30709856451<br><br>Mock statement was not generating after stop correspondence indicator was removed and also the ACC_MOCK_DDT _RUN_DT_NEXT is not moving to next day. | Fix has been provided such that in order to keep the Mock statement generation of Master account and its Associated accounts in sync with each other, whenever Account Stop Correspondence transaction is posted on the master account, the parameter Process Master Associated Accounts is selected as YES. This ensures the Mock statement generation for master and associated accounts are in sync. |
| 34577052 | SR: 3-30569806771<br><br>When user tries to upload different types of transactions on a single account using transactions upload file via ITU or IPF, the upload fails with the error message "Account Locked". | Fix has been provided with code changes to support a single transaction upload for different types of transactions on same account. Also, system validates special characters if any for all the fields and field values in the files. |
| 34535626 | SR: 3-30474785311<br><br>Require standardization in DATA SANITY TABLE since the columns in DATA_SANITY_CHECK_RESULTS tables are not standardized. For example, DSR_CHECK_NAME_CD in column1 contains ACC_NBR and for the other DSR_CHECK_NAME_CD, the AC_NBR is stored on column2 or column 3. | Fix has been provided such that the columns in DATA_SANITY_CHECK_ RESULTS table are standardized and unique identifier name has been assigned for all the columns. Also, the DSR_TABLE_NAME column values appear in upper case. |

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# 26. Patch Release 14.10.0.0.24

## 26.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 26.2 Seed Data changes for Impacted Bugs

NA

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## 26.3 Patches and Bugs

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34868495 | SR: 3-31425896281<br><br>System is posting double finance rebate transactions on precomputed account even after full finance charge is rebated. | Fix has been provided by restricting additional rebate if already done when posted a backdated payoff payment after insurance cancellation on the account. |
| 34945158 | SR: 3-31729018221<br><br>The Account on-boarding service displays timeout errors while on-boarding accounts to OFSLL. | Fix has been provided with code changes to avoid locking the current batch_mode_ transaction table for handling timeout exception during account on-boarding. |
| 34949361 | SR: 3-31731002281<br><br>When an account is delinquent the Date of first Delinquency is reported to credit bureaus and this doesn't change until the accounts is current and status 11 is reported. However, its observed that the DOFD is changed when back dated payment is posted. | Fix has been provided with code changes to populate ACC_CRB_FIRST_DLQ_DT (DOFD) correctly and proceed with credit bureau reporting. |
| 35002060 | SR: 3-31914937191<br><br>When an account is delinquent and on making the payment on current date, the delinquency condition is ideally to be closed. But ACC_CRB_FIRST_DLQ_DT is not when the account is changed from pending to active or during billing batch job run when DDT gets posted.<br><br>*Note: Since this is regulatory/process change, it may have impact on the feature(s). Please read the guidelines and reach us for any clarifications, before applying the patch, if needed.* | Fix has been provided as follows:<br><br>Case 1: If Payoff amount is paid in total which results in ACC_TIP_IND='Y' and if Payment rating is 0 then in that case ACC_CRB_FIRST_DLQ_DT is set to NULL provided previously account was delinquent. If payment rating is not 0 then system retains ACC_CRB_FIRST_DLQ_DT existing value.<br><br>Case 2: If only due amount is paid i.e., ACC_TIP_IND='N' then irrespective of payment rating ACC_CRB_FIRST_DLQ_DT system sets to null if ACC_CRB_ACC_STATUS_CD NOT IN ('61','63','65'), provided previously account was delinquent. |
| 35041506 | SR: 3-32041851691<br><br>There was a request for code changes in RPTCTQ_EM_100_01 deployment for CTQ report performance improvement. | Fix has been provided with the code changes for CTQ report performance improvement. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34979585 | SR: 3-31845378591<br><br>While posting Customer Payment web service, the response that they get is 'No Account Found for given Payment Hierarchy'.<br><br>Ideally, the payment batch should be marked as ERROR so that its not picked while processing payment. | Fix has been provided with the code changes such that if LV_CUS_BASED_IND is YES (customer payment) then the validation is raised by calling RAISE_UERROR without updating below status columns to ERROR. |

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# 27. Patch Release 14.10.0.0.25

## 27.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 27.2 Seed Data changes for Impacted Bugs

NA

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## 27.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 35188965 | SR: 3-32431591701<br><br>The batch job set SET-TPE has failed during processing for SVCUSD due to storage error. | The batch job failed due to duplicate submission of threads. Fix has been provided with code changes and ensured that the processes of Periodic Maintenance fees posting and/or Account status change to Paid Off are working fine. |
| 35186146 | SR: 3-32451607401<br><br>Request for code changes in RPTCTQ_EM_100_01 deployment for CTQ report performance improvement. | Fix has been provided with code changes in RPTCTQ_EM_100_01 to enhance performance in CTQ report generation. |
| 35155806 | SR: 3-32372695011<br><br>The delinquency date is going as NULL when delinquent condition is closed by posting a payment and later reversing the payment. | Fix has been provided by adding NVL (Null Value Logic) to derive CRB first delinquent date in txndlq_en_100_01.pkb to resolve the issue. |
| 35142496 | SR: 3-32322942401<br><br>The preliminary reports are getting impacted due to the addition of ADV_BILL and INT_BILL in Loan Spreads. | Fix has been provided with package level changes to resolve the issue. |
| 35007881 | SR: 3-31834072291<br><br>The payment rating is incorrect for PAID OFF or Closed accounts i.e. rating is updated as 3 instead of 6 for 13 status. | Fix has been provided with code changes to consider ACC_CRB_FIRST_DLQ_DT instead of ACC_DUE_DT_OLDEST to calculate payment rating. |
| 35002060 | SR: 3-31914937191<br><br>When an account is delinquent and on making the payment on current date, the delinquency condition should ideally be closed. But ACC_CRB_FIRST_DLQ_DT is not when the account is changed from pending to active or during billing batch job run when DDT gets posted. | Fix has been provided as follows:<br><br>Case 1: If Payoff amount is paid in total which results in ACC_TIP_IND='Y' and if Payment rating is 0 then ACC_CRB_FIRST_DLQ_DT is set to NULL provided previously account was delinquent. If payment rating is not 0 then system retains ACC_CRB_FIRST_DLQ_DT existing value.<br><br>Case 2: If only due amount is paid i.e., ACC_TIP_IND='N' then irrespective of payment rating ACC_CRB_FIRST_DLQ_DT system sets to null if ACC_CRB_ACC_STATUS_CD NOT IN ('61','63','65'), provided previously account was delinquent. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 34954285 | SR: 3-31731002297<br><br>System is posting double finance rebate transactions on precomputed account even after full finance charge is rebated. | Fix has been provided with code changes by restricting additional rebate if already done when posted a backdated payoff payment after insurance cancellation on the account. |
| 34949361 | SR: 3-31731002281<br><br>When an account is delinquent the Date of first Delinquency (DOFD) is reported to credit bureaus and this doesn't change until the accounts is current and status 11 is reported. However, it is observed that the DOFD is changed when back dated payment is posted. | Fix has been provided with code changes to populate ACC_CRB_FIRST_DLQ_DT (DOFD) correctly and proceed with credit bureau reporting. |
| 35022246 | SR: 3-31950181541<br><br>In production environment, it has been noticed that approximately 99 loan account balances are out of sync. | Fix has been provided with following:<br><br>1. if payment refund transaction is posted via customer maintenance screen, system updates the payment record status to REFUNDED in Payment Maintenance screen.<br><br>2. System disables the below buttons on payment maintenance screen if the status on payment record is "REFUNDED"<br><br>a. Modify Payment<br><br>b. NSF<br><br>c. Reverse<br><br>d. Refund<br><br>3. If a payment which is part of customer payment is being refunded by posting a payment refund transaction from customer service maintenance on an account, there would be a problem with group total controls mismatch in payment entry screen if some user tries to edit/adjust the payment amount. So, an error message is displayed such as "Refund is not supported. Multiple payment records available, refund result to group total mismatch". |
| 35094288 | SR: 3-32186742731<br><br>In production environment, the sum of remaining due in DUE DATE HISTORY does not match with summary screen dues. | Fix has been provided with data fix script to reverse and re-post the transactions on LINE accounts that would correct the balances.<br><br>Also, the selection criteria have been made available in that data fix script which would correct the issue between the due date history and summary screen dues on LINE accounts. |

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| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 35033160 | SR: 3-31985336351<br><br>In Loan Accounts - Incorrect spread configuration has caused the Due Date History to be out of sync with the account summary. | Fix has been provided with code changes that will ensure no accounts will have discrepancy in case of back-dating (reversal and reposting) and reversals. |
| 34909295 | SR 3-31576001951<br><br>There is a mismatch in data between outstanding amounts and open balances.<br><br>Also the following discrepancies were noted:<br><br>1. On doing Adjust Minus or Waive using transactions with group as PAYMENT, the due bucket and paid bucket is not getting adjusted which leads to negative balance down the line.<br>2. Account balance due buckets were not in sync with the account's due bucket.<br>3. Payoff transaction on Master account did not include the net excess in the payoff amount. | Code fix has been done to correct the following:<br><br>1. On doing Adjust Minus or Waive using transactions with group as PAYMENT, the due bucket and paid bucket is getting adjusted without leading to negative balance.<br>2. Account balance due buckets are in sync with the account's due bucket.<br>3. Payoff transaction on Master account includes the net excess in the payoff amount.<br>4. Also, during payment modifications if net excess amount is greater than 0, then MEA run date next is set as GL date. |
| 34461572 | SR: 3-29997152951<br><br>The Metro \|\| month end batch job which captures reporting delinquent account failed to populate data in Metro II table due to some technical error. | On analysis, it was noticed that when a payment is made to make the account status to current, account status not getting updated as current and instead it is maintained with old status. Hence Metro \|\| month end job shows old status.<br><br>Fix has been provided with code changes such that during payment If acc_crb_pmt_history_dt is less than acc_ddt_run_dt_last then system calls compute_dlq_details process and populates in Metro II table.<br><br>*Note: Since this is regulatory/process change, it may have impact on the feature(s). Please read the guidelines and reach us for any clarifications, before applying the patch, if needed.* |

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# 28. Patch Release 14.10.0.0.26

## 28.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 28.2 Seed Data changes for Impacted Bugs

NA

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## 28.3 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|--------|-----------------|-----------------|
| 35286245 | SR: 3-32742712461<br><br>During a payment refund transaction processing, system displays an error indicating "Refund is not supported. Multiple payment records available, refund result to group total mismatch" for single payment transactions as part of a payment batch.<br><br>Also system does not allow to refund a payment made on the account which is not part of a payment hierarchy distribution. | Fix has been provided with code changes so that system allows to post the payment refund in all of the following scenarios without any error message:<br><br>1. Single payment refund - part of a batch<br><br>2. Payment refund part of payment hierarchy<br><br>3. Payment refund on a single account - part of batch consisting master accounts<br><br>4. Single payment refund via payment maintenance screen - part of a batch consisting master accounts<br><br>5. Refund entire payment batch where payment is allocated via hierarchy |
| 35062595 | SR: 3-32093748521<br><br>On posting RESCHEDULE BILL CYCLE transaction system does not update cycle based fee frequency. | During analysis it was noticed that during validation system was suing AFE_PMF_FREQ_CD column instead of AFE_PMF_FREQ_CD_CUR. Same has been fixed with code changes. |
| 35095493 | SR: 3-32165170981<br><br>While reversing a CHGOFF transaction, system displays an error message indicating incorrect account number. | Fix has been provided with package level changes in txnprc_ew_100_01.pkb to resolve the issue. |
| 35186399 | SR: 3-32444374941<br><br>The ACC_MOCK_DDT_RUN_DT_NEXT Run Date Next is not changing when stop correspondence is posted on an account. | Fix has been provided with code changes to increment the ACC_MOCK_DDT_RUN _DT_NEXT when stop correspondence posted. |
| 35300182 | SR: 3-32780424311<br><br>The production jobs TXNLTC (SET-TPE) are running longer time than usual, hence batches are getting delayed creating performance issues. | Fix has been provided by reverting back the LTC run date from the back up tables.<br><br>On execution of data fix, ACC_LTC_RUN_DT_NEXT will be updated from TMP_EXCL_BACKUP table for the affected 30 accounts. |
| 35008946 | SR: 3-31942343061<br><br>In production environment, the Account Comments with SSN are unmasked. | Fix has been provided by applying data correction script which will identify unmasked SSN number in comment section and mask it. |

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# 29. Patch Release 14.10.0.0.27

## 29.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| N.A. | Metro II Reporting - Non-Auto Rebate reporting changes | Since the Metro II reporting file did not include the 'Auto Rebate Insurances' rebate amount from Metro II Current balance, same is enhanced to be included in Metro II Current balance. |
| 34949853 | | For Current Balance and Amount Past Due in Metro II, system is enhanced such that during/after account maturity, the Metro II Current Balance and Amount Past Due are reported the same if the account has active Insurance. |

## 29.2 Non-Auto Rebate reporting Changes

### 29.2.1 Overview

#### Case 1: GAP rebate amount was removed from Metro Current balance

Currently for both Pre-Compute and Interest bearing for non-matured account, system reports the current balance to Bureaus where system uses the Payoff Quote including GAP but not VSC (Vehicle Service Contract).

After this change, system does not include GAP rebate because Current Balance is already reported on accounts with 3rd party ancillary products and does not include the GAP rebate amount and the same is also removed from the balance. This change is required since it is causing inconsistency in reporting the current balance to bureaus.

#### Case 2: Billing and Amount Due reporting changes based on the Insurance Type

Irrespective of having extended warranty, system must consider account as a matured where the current balance and Amount due must be the same, DOFD same as the prior month, and Status must be made on days delinquent.

Also, when the account is matured, system should bill the remaining balance. This is not happening because of the extended warranty. This shows incorrect due and as a result the past due amount is also 0. Ideally, when the account is matured everything must be billed out, irrespective of the extended warranty.

After this change, system considers the active insurances rebate amounts while billing the maturity bill.

### 29.2.2 Description

#### Setup / Configuration Changes

- Introduced a new set of fields to Insurance as follows. These fields can be updated using the Script & transactions only.

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- ➤ **'Include in Payoff Quote'** which can hold Yes / No | Default value of the column = Yes
- Introduced a below parameter to Insurance Addition (INS_ADD) & Insurance Modification (INS_MODIFY)' transaction.
  - ➤ **'Include in Payoff Quote'** | Default value = Yes | non-mandatory | Display = No
- Introduced a new set of transaction parameters to the 'Payoff Quote (PAYOFF & PAYOFF_BACKDT).
  - ➤ **'Rebate Insurance'** - Yes / No / Compute | non-mandatory | Display = No
  - ➤ Default value = **Compute**

| New parameter | Parameter Values | 'Include in Payoff Quote' | Behaviour – transaction parameter vs. new column value |
|---|---|---|---|
| **Rebate Insurances** | **Yes** | **Yes** | **Consider the set of insurances marked as 'Include in Payoff Quote' as Yes. Those only should be considered in the payoff quote.** |
| | **Yes** | **No** | **Do not include it in the Payoff.** |
| | **No** | **Yes/No** | **Do not include it in the Payoff. Only finance charge Rebate should happen.** |
| | **Compute** | **NA** | **Ignore the new flag and compute the insurance rebate. Default behaviour.** |

**Note the following:**

- This Rebate does not apply to the **'Finance Charge' Rebate.** I.e., Finance change rebate will always happen – Existing Behaviour- No parameter.
- This parameter is not applicable for 'Compute Rebate Quote' since this transaction was meant for knowing the rebate amount alone.

## Billing Changes (Loan Product Only)

On calculating the Due Amount for the month, system compares the payoff quote and the outstanding due. While computing the Payoff Quote in this process, system considers the new flag **'Include in Payoff Quote'** (here system derives payoff quote with 'Rebate Insurance' = Yes). I.e., if the value of the flag is

- **Yes** – No changes, i.e. the system considers the rebates of active Insurance.
- **No –** System generates the payoff quote without active Insurance, & compare the value, and generate the bill.

At all other places, the system calculates the payoff quote using 'Compute' only

| Contract date: 1st Jan 2023 | Value | Value | Value | Value | Value | Value |
|---|---|---|---|---|---|---|
| **Transaction Date** | 1st Jan 2023 | 1st Jan 2023 | 1st Jan 2023 | 1st Jan 2023 | 1st Jan 2023 | 1st Jan 2023 |
| **Payoff Quote Valid Up to Date** | 1st Jan 2023 | 1st Jan 2023 | 1st Jan 2023 | 10th Jan 2023 | 10th Jan 2023 | 10th Jan 2023 |
| **Rebate Insurance** | Compute | Yes | No | Compute | Yes | No |

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| Contract date: 1st Jan 2023 | Value | Value | Value | Value | Value | Value |
|---|---|---|---|---|---|---|
| **Header Payoff Quote Value** | 12000 | 12000 | 12000 | 12000 | 12000 | 12000 |

I.e., the system updates the payoff quote amount with the 'Compute and Txn Date' value only.

**An illustration of the same is given below:**

Here 2 different accrual methods (Precompute and Interest Bearing) on Actual Rebate on 1-Mar-2023 are used to indicate how system will generate the bill on 1-Mar-2023.

Rate = 22% | Next Due Date = 1-Mar-2023 | Payment Amount = 425

| Advance Components | Amount | Contract / Effective Date | Maturity / Expiry Date | Auto Compute Rebate | Include in Payoff Quote | Actual Rebate on 1-Mar-2023 <Precompute> made payment 8,500 | Actual Rebate on 1-Mar-2023 <Interest bearing> made payment 13,000 |
|---|---|---|---|---|---|---|---|
| **Cash Sales** | 10,000 | 1-Jan-2022 | 1-Jan-2026 | NA | NA | 3,000 | 0 |
| **GAP Insurance** | 2,000 | 1-Jan-2022 | 1-Jan-2026 | Y | N | 700 | 100 |
| **VSC Insurance** | 1,500 | 1-Jan-2023 | 1-Jan-2028 | N | N | 1000 | 250 |
| **Total** | 13,500 | | | | | **4,700** | **350** |
| **When the system bills on 1-March, the system computes the Payoff Quote to compare against the Actual Payment Amount of 425** | | | | | | 13500 - 8500 - **4700** = 300 | 13500 - 13000 - **350** = 150 |
| **Pay Off is less than the actual payment of $425. System would generate the Due on 1-March** | | | | | **Actual** | 300 | 150 |
| **After this change,** | | | | | | | |
| **System does not consider the insurance rebate while billing** | | | | | **Derived payoff quote** | 13500 - 8500 - 3000 = **2000** | 13500 - 13000 = **500** |
| **System compares above Payoff Quote with the Scheduled Payment Amount** | | | | | **Final Payment / EMI Amount** | **2000 > 425** <br> **Bill it for 425** | **500 > 425** <br> **Bill it for 425** |

### Metro II Changes for Current Balance

- Currently, system considers the '**Auto Premium Rebate Allowed**' flag to exclude the rebate amount. After this change, system does not consider this existing flag. Instead, system considers the new flag ('**Include in Payoff Quote**')
- While reporting the account's current balance to Metro II, system considers the new flag and report the Current Balance.

| Parameter | Value | Behaviour |
|---|---|---|
| Include in Payoff Quote | Yes | No Changes |
| | No | Exclude it from the Payoff and report the current balance |

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#### Data Script:

Provided a script to update this new flag in the 'Accounts > Insurance' (INSURANCES) using the 'Insurance Plan Code.'

- I.e., the script accepts the 'INS_PIN_CODE' and 'New Flag' as input parameters.
- Using the INS_PIN_CODE, system finds the list of records from the INSURANCES table and then updates the value with user inputted value (Y/N).

#### Future enhancements

Currently the flag ('**Include in Payoff Quote'**) is not included in the following instances (both User Interface and web services) and will be added and considered for future development.

- Setup > Insurance
- Origination > Funding > Contract > Insurances
- Conversion > Insurances
- Servicing > Account Details > Contract information > Insurances
- Servicing > Account Details > Insurances
- Contract PUT WS
- Account On-boarding WS

### 29.2.3 Seed Data

| Sl. No | Table | Key Data | Type |
|--------|-------|----------|------|
| 1 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN|TXN_REBATE_INCLUDE_PAYOFF_IND | INSERT |
| 2 | TXN_CODE_PARAMETERS | INS_ADD|TXN_REBATE_INCLUDE_PAYOFF_IND | INSERT |
| 3 | TXN_CODE_PARAMETERS | INS_MODIFY|TXN_REBATE_INCLUDE_PAYOFF_IND | INSERT |
| 4 | TXN_CODE_PARAMETERS | PAYOFF_BACKDT|TXN_REBATE_INSURANCE | INSERT |
| 5 | TXN_CODE_PARAMETERS | PAYOFF|TXN_REBATE_INSURANCE | INSERT |
| 6 | FLEX_TABLE_ATTRIBUTES | INP_BMP_TXN|TXN_REBATE_INSURANCE | INSERT |

## 29.3 Seed Data changes for Impacted Bugs

NA

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## 29.4 <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 35361811 | SR: 3-32878934938<br><br>The late fees got excluded from Credit Bureau reporting that was generated for the Amount Past Due. | Fix has been provided with code changes by removing the check on accounts field (ACC_DUE_DLQ_AMT) instead of having check on metro II table field (MET_BASE_AMT_PAST_DUE) to populate Late fees as part of Amount past due in the Credit Reporting. |
| 34949361 | SR: 3-31731002281<br><br>There is an issue with DOFD (Date Of First Delinquency) on delinquent accounts i.e. when an account is delinquent, system reports the DOFD to credit bureaus. Ideally this should not change until the accounts is current and status 11 is reported. But its observed that when account is still delinquent, due to some back dated payment, DOFD is changed which is inaccurate. | Since the ACC_CRB_DLQ date is getting deleted when the delinquent non matured account is paid off, it reported blank DOFD with status 13 and Payment rating of delinquent status. Fix has been provided to consider ACC_CRB_FIRST_DLQ_DT instead of ACC_DUE_DT_OLDEST to calculate Payment rating and CRB account status.<br><br>Also, if multiple payments are made including due amount payment and paid off during same cycle which makes the account current from delinquent, the ACC_CRB_FIRST_DLQ_DT is updated to NULL DOFD is also reported as NULL<br><br>Additional fix has been provided to calculate DOFD using TXN_SETTL_START_DT. |
| 35007881 | SR: 3-31834072291<br><br>The payment Rating and Account status is not updating correctly on making partial payment for the unpaid dues. I.e., for an account which was current with status 84 and is paid off, the payment rating must be 6 for but instead is reported as 3. | Fix has been provided to consider ACC_CRB_FIRST_DLQ_DT instead of ACC_DUE_DT_OLDEST to calculate Payment rating and CRB account status.<br><br>Also below additional changes are done:<br><br>1. Added a logic to compute ACC_CRB_PMT_RATING_CD and ACC_CRB_ACC_STATUS_CD during ACR run.<br><br>2. To calculate delinquent days, system considers ACC_DUE_DT_OLDEST instead of ACC_CRB_FIRST_DLQ_DT only when ACC_TIP_IND indicator is N.<br><br>3. For ACC_CRB_PMT_RATING and ACC_CRB_STATUS_CODE calculation, system uses ACC_CRB_FULL_PMT_HISTORY to instead of ACC_CRB_FIRST_DLQ_DT for Multiple payments in same cycle. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 35170001 | SR: 3-32396019291<br><br>During input file upload process, if PRECONV_PAYMENT_REV transaction code is uploaded, the same is posted twice indicating in summary screen. | Fix has been provided such that the PRECONV_PAYMENT_REV payment is made applicable for ACTIVE and CHGOFF account and this transaction will be rejected for all other status. |
| 35176546 | SR: 3-32427468361<br><br>There is a issues with Daylight saving time (DST) since scheduled batch jobs start and end an hour late even when the GL post date is not changed. | To accommodate Daylight savings time (DST) in OFSLL for batch jobs and EOD processing, you need to either advance the system time by one hour during the warmer months and/or then revert to Standard Time during the fall, based on your time zone.<br><br>A data fix script is provided with steps in README file to follow during day light saving and is available in src/db/data_fix/DayLight_Saving_Time_README_35176546.txt |
| 35290830 | SR: 3-32752433041<br><br>It is observed that on reversing Batches, Not All Payments are reversed. | Fix has been provided with code changes to reverse all the payments from the batch even if any suspense payment exists for the process, without exiting the current process. |
| 35359218 | SR: 3-31731002297<br><br>Interest rebate is not reposting while reversing a previous transaction but is getting reversed. | Fix has been provided to reverse and repost while reversing any previous transactions. |
| 35361601 | SR: 3-32964262941<br><br>Refunded Payments are showing as POSTED when posting another payment on same account | Fix has been provided to, not to change the refunded payment record status to POSTED, upon posting another payment / payment refund on the same account. |
| 35368463 | SR: 3-32706270551<br><br>Getting ORA-06500: PL/SQL Storage Error during EOD processing. | Fix has been provided to remove the global data which is existing in the Data base memory to resolve the issue. |
| 35368762 | SR: 3-31942343061<br><br>As part of the data masking process, the SSN number in the account comments must be masked. | Data correction script is provided to mask the first 5 digits of the SSN number quoted in account comments. |
| 35393909 | SR: 3-33082814941<br><br>OFSLL METRO II reports that customers are due for more than 180 days, though they are current with no pending due amounts. While verifying the ACC_CRB_ACC_STATUS_CD it shows 84, whereas there are no pending dues. | Since the Delinquency days 'DLQ_DAYS' calculation was based on ACC_DUE_DT_OLDEST instead of ACC_CRB_FIRST_DLQ_DT while calculating the payment rating, the same has been corrected and now Metro II file is generated with correct account status, payment rating and DOFD. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 35399175 | SR: 3-33073314621<br><br>Metro II is showing wrong CRB account status, and this has been impacted for large number of accounts. | Fix has been provided with data fix script to correct ACC_CRB_FULL_PMT_HISTORY in Accounts table and MET_BASE_ACCOUNT_STATUS in Metro_II_Data table to resolve the issue. |
| 35431532 | SR: 3-33180867088<br><br>Metro II file is not fetching expected data. | Fix has been provided with data fix scripts and re-uploaded to consider accounts with all the status rather than only ACTIVE status. |
| 35469726 | SR: 3-33180867088<br><br>The Metro II file generated and reported in May to Credit Bureau does not have expected data. | Fix has been provided with data fix script (14.10.0.0.26_DF_35431532_01.sql) to correct to do the following:<br><br>1. Update ACC_CRB_PMT_HISTORY_DT to April, so that cbuutil_bj_100_02 will re-populate MAY-2023 metro2 data.<br><br>2. Updates ACC_CRB_ACC_STATUS_CD, ACC_CRB_PMT_RATING_CD, and ACC_CRB_FULL_PMT_HISTORY in accounts table correctly.<br><br>3. Captures old and new values in datafix_log table. |
| 35479047 | SR: 3-33254659143<br><br>The data fix provided in PS25 did not process any accounts even though the input has been given as 5000 accounts. | Fix has been provided by enhancing the data fix script 14.10.0.0.25_DF_34967093_02.sql to pick the impacted accounts that fall under balance mismatch criteria. |
| 35522593 | SR: 3-33256758221<br><br>In production environment, multiple input file is getting generated and inserts into table which results with duplicate transaction posting. | Fix has been provided with code changes to verify if the file already exists in the IPF upload table then it will stop inserting the same file again into the table. This will avoid posting duplicate transaction on same account. |

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# 30. Patch Release 14.10.0.0.28

## 30.1 Enhancements

| Ref No. | Enhancement | Description |
|---------|-------------|-------------|
| NA | NA | NA |

## 30.2 Seed Data changes for Impacted Bugs

NA

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## 30.3  <u>Patches and Bugs</u>

| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 35526085 | SR:3-33460072842<br><br>The Contract Term on a specific account got changed from 54 months to 56 months which ideally should not change. Due to this, account does not have valid contract term repayment schedule. | The issue was caused since the remaining term of the account was not calculated based on the Account acceleration date resulting for mismatch in repayment schedule under transaction history.<br><br>Fix has been provided with code changes in specific package so that the remaining term is calculated based on the Account acceleration date. |
| 34949853<br><br>Re-released | SR:3-31741702611<br><br>Metro II reporting > Part II of PS 27 release.<br><br>There are some noted issues with wrong Credit Reporting i.e. when Account acceleration or Pre-compute to Simple Interest transaction is posted on pre-compute account, system does not report the current balance correctly. | Fix has been provided such that system refers to the new accrual method in column acc_accrual_calc_method_cd_cur instead of old acc_rebate_calc_method_cd to calculate current balance and report in Metro II Credit Report. |
| 35476016 | SR:3-32878669451<br><br>Metro II reporting > The Due buckets for FEEs are not maintained in system and as a result causes confusion as to which cycle the Late Charge is due.<br><br>In a particular scenario though ADV/INT balance were cleared on account leaving only the Late Charge balance, system updated DOFD to the Maturity Date and reported a new DOFD as the Maturity Date plus 30 days. | Fix has been provided by adding a logic to compute payoff amount during runtime.<br><br>In addition, following changes are done:<br><br>1. Added logic to determine whether account is delinquent or not using acc_due_amt - acc_due_amt_pd for all buckets.<br><br>2. Added logic to correct ACC_CRB_FIRST_DLQ_DT correctly. |
| 35898648 | SR:3-34535232051<br><br>For Precompute loan account, after running few bills and making partial payments and posting Back Dated or Current Dated change payment transaction and billing the account for 3 to 4 cycles, it is observed that system is not billing as per the new payment amount. | Fix has been provided such that the Future payment date is calculated with payment amount from repayment schedule. If repayment schedule is not available then system calculates based on the value in acc_pmt_amt_cur. |

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| Bug Id | Bug Description | Fix Description |
|---|---|---|
| 35822288 | SR:3-31731002281<br><br>When the system parameter TPE_DELQ_CORRECTION_BACKDATED is set to 'Y' and a PAYOFF payment is posted, system updates the account's DOFD (date of first Delinquency) as NULL. This should ideally not reset the DOFD. | Fix has been provided with following changes to resolve the issue:<br><br>• Added logic to determine DOFD, Payment rating and account status code correctly when TPE_DELQ_CORRECTION_BACKDATED ='Y'.<br><br>• Also added logic to populate payment rating history during ACR run post maturity to derive the payment rating and ac status cd correctly.<br><br>• Added logic to determine ACC_CRB_FIRST_DLQ_DT correctly. |

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# 31. Security Fixes

| Patch Release Version | Bug | Description |
|---|---|---|
| NA | NA | NA |

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# 32. Limitations and Open issues

| Patch Release Version | Bug | Description |
|---|---|---|
| NA | NA | NA |

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# 33.  Components of the Software

## 33.1  Documents accompanying the software

The various documents accompanying the software are as follows:

- Patch Release Notes
- Patch Installation Guide
- Installer Kit
- User Manuals and Installation manuals - These can be accessed from the link
  https://docs.oracle.com/cd/F35490_01/index.htm

## 33.2  Software Components

Software Components of this patch release are as follows:

- Core
  - UI Components Ear file (JSF, XML, XLF, JSFF)
  - Stored Procedures (Packages, Views, Java Stored procedures)
  - Reporting Components(Data models(xdm), Reports(xdo, rtf))
  - BIP / canned reports
- Interface
  - Stored Procedures (Packages, Views, Types)
  - The WSDL files for the service supported
  - XSD Structure (dictionary) for the web service
  - Configuration files for the web service
  - Java classes for the web service
  - The service documents – describing the services
  - Extensibility Document – Describes customization for the services.
- Installation utilities
  - Script based installation for Database components
  - Installation documents for Database, UI, Web services

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# 34. Annexure – A: Environment Details

| Component | Deployment option | Machine | Operating System | Software | Version |
|-----------|-------------------|---------|------------------|----------|---------|
| Oracle Financial Services Lending and Leasing | Centralized | Application server | Oracle Enterprise Linux 6.7+ & 7.0 (64 Bit) and Sun SPARC with Oracle Solaris 11 (64 Bit) | Oracle WebLogic Enterprise Edition(Fusion Middleware Infrastructure installer – includes ADF and RCU) | 12.2.1.4.0 |
| | | | | Oracle JDK | 1.8.0_261 |
| | | | | Application Development Framework | 12.2.1.4.0 |
| | | Database Server | | Oracle Database Enterprise Edition | 19.3.0.0.0 |
| | | Reporting Server | | Oracle Analytics Publisher | 5.5.0 |
| | | Client Machines | Windows 10 (Patch Version 1703) | Microsoft Edge (64 Bit) | 44.18362.449.0 |
| | | | | Mozilla Firefox (32 Bit) | 78.5.0esr |
| | | | | Google Chrome (64 Bit) | 87.0.4280.88 |
| | | | Mac OS X | Apple Safari (64 Bit) | 13.1 |

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# 35. Annexure – B: Third Party Software Details

For information on Third Party Software Details, refer to Licensing guide available in OTN library – https://docs.oracle.com/cd/F35490_01/pdf/refdocs/ofsll_release_notes.pdf

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