Patch Release Notes
Oracle Financial Services Lending and Leasing
Patch Release 14.9.0.0.x
Part No. F27106-01
November 2020

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1. Revision History

Patch #	Release Date	Description
14.9.0.0.1	November 2020	This patch release consists of 65 forward ported bugs of14.8.0.0.0 PS 2 (40 bugs) and PS 3 (25 bugs) along with an enhancement on Bulk upload of 'User' data addressed as part of this patch releases. Refer 'Patch Release 14.9.0.0.1' section for details.

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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 14.9.0.0.1

3.1 <u>Enhancements</u>

Ref No.	Enhancement	Description
NA	Bulk upload of 'User' data	Provided the ability to Create/Update 'User' data using Bulk file upload.

3.1.1 <u>Bulk upload of 'User' data</u>

The bulk upload of 'User' data facilitates to create user data or update existing user details in bulk.

The upload files has to be in following format to create and Update the user record. A sample user record is also provided.

User_Upload_v2.xlsx   USER.txt

The data in bulk upload file is processed in the system through IFP (Input File Processing) where the new batch job USER FILE UPLOAD (IUUPRC_BJ_100_01) reads and processes the user upload file in SET-IFP.

The Create and Update actions are identified using "Action Identifier" field in file upload.

- Create User validations
    - ➢ Validate the user code
    - ➢ Validate the Company/Branch/Department
    - ➢ Validate the Responsibility
    - ➢ Validate the Time Zone
    - ➢ Validate the Time zone Level
    - ➢ Validate the Start Date and End Date
    - ➢ Validate the Replacement User
    - ➢ Validate the User Type
    - ➢ Validate the Default Language
    - ➢ Validate the Reference ID
    - ➢ Validate the Supervisor responsibility
    - ➢ Length of user code should be less than 30 characters and there should not be special characters
    - ➢ first name, middle, last name should be less than 30 char
    - ➢ Validate Email
- Update User Validations

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- ➢ Validate the user if available in the system
- ➢ Validate the Division/Department
- ➢ Validate the Responsibility
- ➢ Validate the Time Zone
- ➢ Validate the Time zone Level
- ➢ Validate the Start Date and End Date
- ➢ Validate the Replacement User
- ➢ Validate the User Type
- ➢ Validate the Default Language
- ➢ Validate the Reference ID
- ➢ Validate the Supervisor Code
- ➢ Validate if the input user code is same as Replacement User
- ➢ Check the user type code vendor and reference id
- ➢ Check the user type code Producer and reference id
- ➢ Check the user type code Employee and reference id
- ➢ Check the responsibility code for replace user code.
- ➢ Validate Email

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

NA

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3.3 Patches and Bugs

Bug Id	Bug Description	Fix Description
30974068	SR: 3-22473011221 Account OnBoarding Web services → During account boarding and in Migration system always populates the value of 'StatementPreferenceMode' with Undefined or with NULL value.	Fix has been provided with updates to json file such that system populates whatever value is provided for 'StatementPreference Mode' during Account Boarding and Migration process.
30971712	SR: 3-22474115161 The external table for Loan API_ACC_LOAN_EXT need to include ACC_INT_ACCRUED_AMT (interest accrued amount) which is already present for Line external table	Fix has been provided with inclusion of ACC_INT_ACCRUED_AMT field in API_ACC_LOAN_EXT Loan external table.
30784743	SR: 3-21876351786 APL_UPDATE_CUSTOMER_INFO_IND value as YES and updating the customer information is missing in the api 'aaiacc_en_111_01.pkb' package whereas the same is present in the regular 'aaiacc_en_111_01.pkb'. Please retrofit the code in the api package to fix the issue.	Fix has been provided and now system updates the customer information in the api 'aaiacc_en_111_01.pkb'.
30623919	SR: 3-22518519321 When a backdated transaction posted, the cycle to date 1 fields are not getting updated properly.	Fix has been provided by adding a reverse logic for CTD & CTD1 values to reset the state during billing reversal so that reposting takes the payment into consideration.
30916683	SR: 3-22354240391 Delinquency fields present in Loan external tables and not present in Line external tables.	Fix has been provided by adding new delinquency fields for line accounts.
31005851	SR: 3-22515019581 There are performance issue noted while migrating data and also the INSERT_ACCOUNT_BKP_HISTORY table is not sending the bankruptcy history details during conversion.	Fix has been provided by creating index in IACC_IDX3 on iaccounts and fine-tuning INSERT_ACCOUNT_BKP_HISTORY.
30985585	SR: 3-22504987621 During account migration, Customer and Business Fico Scores are not working as expected with 'Link to Existing Customer / Business' and 'Update Existing Customer'.	Fix has been provided by modifying the required units such that the data is properly getting inserted into customer_credit_score table instead of inserting into api and i tables.

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Bug Id	Bug Description	Fix Description
30958125	SR: 3-22461624391 In Payment Hierarchy setup screen the NAME field is editable in EDIT mode which not the ideal behaviour.	Fix has been provided such that system does not allow to update the NAME field in EDIT mode in Payment Hierarchy screen.
30926666	SR: 3-22354260871 Associated account with statement consolidation flag = Y is not included in master account mock statement.	Fix has been provided by fixing DECODE for 'mock_statement' fields so that it checks both 'acc_master_acc_ind' as well as the instrument's 'pis_mock_stmt_ind' required for associate account applications.
30918516	SR: 3-22298812911 Field access definition under access screen is not working consistently.	Fix has been provided by adding seed data for the 2 nd field name and also user can configure two field names. For the field Securitization Eligible indicator access is provided accordingly to work consistently.
30908198	SR: 3-22211993021 System is not updating the ACC_OUTSTANDING_TOTAL_AMT and ACC_PAYOFF_AMT during asset billing transaction posting for posts FOTH% transactions through billing batch job.	Fix has been provided such that Account record parameter (pv_acc_rec) type is changed from IN to IN OUT. Both the payoff amount and total outstanding amount are updated with the system posted FOTH balances
30900480	SR: 3-19604398501 Length defined for tracking attributes in User Defined Tables is not working i.e. on the screen user can enter any length.	Fix has been provided with validation to control the length of characters in Asset Tracking attributes & Account tracking attributes.
30886569	SR: 3-22225625321 Master customer statement - Issues in Balances and Transaction records since record not getting populated in Output_file_Details tables and also in-turn is not getting populated in master customer business statement.	Fix has been provided such that the output_data_file_details table is populated with CTD1 values during batch job run and Balances and Transaction records are correct.
30882652	SR: 3-22289221721 System does not post comments on account during some of the non-monetary transaction posting:	Fix has been provided with package level changes so that comments are recorded and posted for following non-monetary transactions. 1. ACC_MOCK_STMT_MAINT 2. ACC_CONT_MAINT 3. ACC_PMT_CODE_MAINT

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Bug Id	Bug Description	Fix Description
30882026	SR: 3-22243204711 Account status reporting issue are noted with Metro II specifically when CNL (Customer Not Liable for Payment) condition exist.	Fix has been provided such that, now 1. If account has CNL (Customer Not Liable for Payment) condition and Account Status been reporting with 89, then Report this field should as Zero (0). 2. If account has DIL but does not have CNL, and Account Status been reporting with 89, then the system continues to report this field with Account Outstanding Total Amount. 3. When user post the Account Event Notification non-monetary transaction with Event Type `Deed in Lieu Completed', then system will also checks that If the Portfolio Type is `I', then Account Type should be 6D or 0A.It is looking for OA as well.
30796197	SR: 3-21876988896 In the conversion process, need an edit wherein it checks for the 'acc_due_dt_next' and it should not be in past (GL date) and the account is active. Also ACCOUNTS DUE DT NEXT < THAN MIN ALLOWED" should work based $GLDATE dynamically.	Fix has been provided such that, now system fires an edit "RANGE: ACCOUNTS DUE DT NEXT < THAN MIN ALLOWED" when 'acc_due_dt_next' is behind the GL date.
30780042	SR: 3-21994124301 If user passing different values for APP_PCB_BRANCH and APP_PCB_BRANCH_CSS then system overwriting the APP_PCB_BRANCH with APP_PCB_BRANCH_CSS value. More over APP_PCB_BRANCH_CSS is not validating against the ACC_PTC_COMPANY. This is causing issues after migration and not displaying account in the UI.	Fix has been provided with code changes, now 'APP_PCB_BRANCH_CSS' checks for validation during migration process.
30390293	SR: 3-21207037761 On loading the Comments file with a single record without the sequence, it goes into an infinite loop on the second processing.	Fix has been provided with code changes, now when a Comments sequence numbers are blank in DAT files then system convert the Account successfully without going into loop.

Bug Id	Bug Description	Fix Description
31015194	SR: 3-22572284351 In the package cbuutl_em_100_02, output of fields 'met_base_ident_nbr' & 'met_l1_new_ident_nbr' seems to be 10 digits each of Company Code concatenated with Branch Code. Within that, Company Code is getting padded with trailing zeros while Branch Code is currently getting truncated at 5 digits [combined length of 15 digits, last 5 digits are getting padded with blanks; which is in error.	Fix has been provided such that the Company Code is concatenated with Branch Code. There is 'No' padding (zeros or blanks) after Company Code. If combined length of Company Code | Branch Code is less than 20 characters, padding is done with blanks after Branch Code. If combined length of Company code | Branch Code is more than 20 characters, Branch Code is truncated at the end of permitted field length. Transunion and Equifax identifier being truncated in header record also addressed. **Note**: Lenders need to inform Credit Reporting Agencies on Identification Number Change before reporting.
30974918	SR: 3-22475108431 During Upload of Asset Rate table, system validates that Asset Type and Asset Sub type must be ALL of Product Code. Batch Upload and UI logic for Asset Rate setup should be consistent.	Fix has been provided, Asset File Upload need not be validated to mandate Asset Type and Asset Sub Type to be ALL. This is made in sync with UI and Batch Upload.
30956318	SR: 3-22413625161 When we are trying to board an account, the service returns a unique index error (IATA_UDX in acxins_en_100_01.ins). During migration, during insertion of the IAPPLICATION_ASSET_TRACK_ATTR (ACCINS_EL_100_01), 'ata_seqnum' is being is used instead of 'iata_seqnum'.	Fix has been provided such that sequence name changed from 'ata_seqnum' to 'iata_seqnum' to resolve UNIQUE INDEX ERROR DURING ACCOUNT BOARDING, account converted successfully.
30816762	SR: 3-21876351771 During conversion, when we send an existing customer and the link existing indicator is Y, then dedupe should happen only with the Customer Number which is not happening currently.	Fix has been provided such that, Dedupe for customer number is enabled.
30815401	If we provide link existing customer indicator as Y, it fails with error: customer does not exist. If we provide the value as N, the first account gets created for the second, it errors out with unique constraint.	Fix has been provided such that, Dedupe for customer number is enabled.

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Bug Id	Bug Description	Fix Description
30902723	SR: 3-22352912101 While creating a new contract instrument by using 'Create Copy' button, some fields are not being copied to the new instrument from the existing instrument.	Fix has been provided such that, the mentioned fields are added in the code where the copy of existing instrument to the new instrument happens.
31051220	CRH_MOTHERS_MAIDEN_NAME has been added in 14.8 Patch set 1 but missing in X_CRED_REPORT_HEADERS.	Fix provided by releasing alter script for missed out column CRH_MOTHERS_MAIDEN_NAME for X_CRED_REPORT_HEADERS table. Released alter script for missed out column CRL_MOTHERS_MAIDEN_NAME for X_CREDIT_REQUEST_DETAILS table.
29950738	SR: 3-20384889111 The issue is at Customer Service → Customer Service →.Scenario Analysis (Amortization schedule tab for loans not for Lease). Amortization Print Report Customer Service not working.	The issue is fixed. Now for both Loan and Lease Account Amortization Print Report will download the Pdf file with data. (Customer service> scenario analysis> amortization print report is working fine).
29682420	SR: 3-19889041271 Account on Boarding issue → During account onBoarding, the DealerTrack file does not pick up the 3rd party release address details since the query is looking for other Tracking attributes instead of Tracking table (TAB_ATA_4).	Fix has been provided with code changes to handle the exception for populating 3rd party release address fields. So on executing OFDPRC_BJ_111_01 batch job, the release_lien.dat file has the details.
29806337	When Customer maintains the template in Upper case in BIP server, system is not generating the Correspondence, both at Account and Application level.	Fix is provided and lowercase conversion is removed from java layer to fix this issue so that when template is maintained in either upper/lower case in BIP server, system is generating the Correspondence, both at Account and Application level.
30105073	SR: 3-20549024861 Statement process is using ACCOUNTS.acc_primary_cus_language_cd. Language preference is displayed in UI at customer level using CUSTOMERS.cus_language_cd. When a change is made to CUSTOMERS.cus_language_cd for a primary customer the value of ACCOUNTS.acc_primary_cus_language_cd is not getting updated.	Fix has been provided by updating the units to update the Accounts Table ACC_PRIMARY_CUS_LANGUAGE_CD with the customer language code.

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Bug Id	Bug Description	Fix Description
29846302	SR:3-20197549381 On applying any type of adjustments, system calculates the amount of 'finance charge rebate' but the ancillary product rebates does not allow to post any adjustment that is more than the remaining advance/principal and less the finance charge rebate. In such a case, system should consider the auto rebate indicator as N as similar to posting a payment or other transaction.	Fix has been provided by introducing new transaction parameter to ADV_ADJ_MINUS to validate rebate with Y/N values. If Y, system validates with rebate as existing and if N, system validates the Transaction Amount to be not more than the outstanding principal balance.
29482425	SR:3-19604398501 Setup → Administration → User Defined Tables, the actual length defined for Third Party Address Release fields in Asset Tracking attributes & Account tracking attributes is not enforced and as a result you can enter any length in the screen.	System considers the value in MAXIMUMLENGTH attribute of ADF components instead of DSP_LENGTH in views. Hence to enforce the length, fix has been provided by mapping DSPLENGTH value TO MAXIMUMLENGTH attribute of input text fields in Asset Tracking attributes & Account tracking attributes screens. Also the maximum length allowed is 80 in user defined tables.
29690002	SR: 3-19928932641 Servicing → Vendors → Work Orders tab, system does not allow to change Work Order status from pending close to close. Even though the setup has been defined with appropriate privileges, the Close option is not available in the Status drop-down list.	Fix has been provided by changing the query for Work Order status from PENDING CLOSE to CLOSE and system allows to select close status from drop-down list.
29468009	SR: 3-19571772906 Inconsistency in Control files in released version.	Fix has been provided and all the control files have been updated.
30346081	SR: 3-21089327191 There are a few scenarios where the account ends up in a Paid status with a Credit balance but the credit refund is never generated. The credit refund seems to only be generated when the paid in excess is put on an account with a payment.	Fix has been provided by updating the units and providing new 'INS_REBATE_ADJ' transaction. In txnins_en_111_03 package, for insurances with auto rebate indicator as 'N', if the rebate amount is greater than the 'Advance Balance' remaining then the transaction INS_REBATE_ADJ is posted.

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Bug Id	Bug Description	Fix Description
30215027	SR: 3-20708744731 A payment is posted for an account and it goes into suspense because of some reason (here pmt dt < acc_backdate_dt). The payment is modified from payment maintenance tab and the account number is modified into 0 (suspense account) and posted. In the above two cases when reversed created no GL entries.	Fix has been provided by updating the units, system creates GL for both payment to suspense accounts and reverse of suspense payments
30366619	SR: 3-21130769531 Account title is not updated on customer name change (cus_name_maint)	Fix has been provided to change the Account Title when Customer Name Maintenance Transaction is Posted on the Account.
29482794	SR: 3-19627275851 Metro II Reporting Issue> when Swap Relationship Non Monetary transaction is posted on the account to switch the two account relations such as primary/cosigner relationships, system updates the base relation but does not update the same in metro II data file.	Fix has been provided such that on posting Swap transaction, if Primary relation's ECOA code is 'T' (ASSOICATION WITH ACCOUNT TERMINATED), then Metro II relation code is updated in CAR_METRO_II_REL_TYPE_CD in CUS_ACC_RELATIONS table and is also reported in Metro II data file.
29695332	SR: 3-19954109511 Servicing → Vendors screen, A colon ':' present in the message to agent cuts off the rest of the message being sent to GRI (Generic Recovery Interface). However, with the colon, it works fine only with first message to agent with Add Case.	Fix has been provided with code changes and system now sends the complete message after colon symbol at any time during the update case.
30323426	SR 3-21722363898/3-19571955861 When user searches a payment which got refunded earlier in payment maintenance shows the status as posted. Then user tries to reverse the payment raises with error as "the record has already been updated by another user. Please re-query to see the change".	Fix has been provided by updating the units and REFUNDED status to be shown when PAYMENT REFUND is posted from Payment maintenance screen.
29922168	SR: 3-20332450991 CSC tri merge bureau request not working. Credit bureau CSC tri merge bureau request remains in WAITING status. Customer was not able to connect with CSC bureau because bureau call was happening from the DB layer.	Fix has been provided that the CSC bureau calling logic is changed from DB layer to JSP layer.

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Bug Id	Bug Description	Fix Description
31119506	SR: 3-22713928971 When Payment Reversal or payment Void condition is posted successfully using the payment web service, system shows HTTP code 400 instead of 201.	Fix has been provided such that when Payment Actions types such as Post, Reverse and Void are posted using Payment service, the Payment status is Posted with appropriate code.
31094719	SR: 3-22685290861 Custom element in 'Account Detail' web service list is repeating the same value.	Fix has been provided such that 3 different objects are created and added to the list. Also earlier variable initialization is modified for declaration only.
31032912	SR: 3-22601784711 'Application Entry' web service elements restricting the size of the element.	Fix has been provided such that system allows 80 characters in below mentioned fields and displays error if more than 80 characters are entered. ApplicationCollateralDetails\Body ApplicantData\Employer\Name BusinessDetails\BusinessName BusinessDetails\LegalName BusinessDetails\BusinessAddress\StreetName
31032906	SR: 3-22575819081 System does not send the rate type in the file. Even then it's inserting VR by default in the table and because of this it's visible on the UI.	Fix has been provided, below screens and the records are getting updated and displaying in UI. 1. Checklist 2. Fees 3. Cycle Definition 4. Statement Messages 5. Scoring Model Credit score model/ Behavior Score model 6. Edits
31081617	SR: 3-22676019191 The 'Application Update' web service does not add / update asset related information such as changing the asset type, asset sub type and asset primary indicator.	Fix has been provided, in web service not removed the mandatory columns, because those columns are mandatory from UI. System can able to update asset types, sub types and identification number using application update web service. Service will allow to create new assets, using update service.
31085927	SR: 3-22684358071 Require customization in the 'post_pmt_afr' function of package 'XBTPMT_EX_100_01' need result type 'iv_pmt_axn_result_tab_t' as IN OUT parameter	Fix has been provided by modifying the 'iv_pmt_axn_result_tab_t' to IN OUT parameter in BFR,AFR and REP.

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Bug Id	Bug Description	Fix Description
31061511	SR: 3-22631596040 Unable to determine Monthly Payment Amount field in Application Entry GET response.	Fix has been provided such that applications having some value in Decision 'Pmt Amt' field fetches application details using Get Application Details web service.
31058815	SR: 3-22640824951 Following buttons are not visible in Origination process. 1) Process Application button 2) Pre-Qualify Application button 3) Select Pricing button 4) Copy Application button.	Fix has been provided and an sql script is released with hot fix in 14.8 PS02 SFF HF 01.
31058351	SR: 3-22513671861 Fields which are not mandatory from UI are now made mandatory through web services. On the custom side, the trade in details record type is getting initialized even if the request does not have any trade in details. JAXB validations are introduced which expects trade in data to be available due to aforesaid initialization.	Fix has been provided in Application Entry web service request with/without Trade-in block, allows the request to post and create a new application.
31054347	SR: 3-22525742711 For case having multiple accounts with same customer number, the address table has multiple records for the same customer.	Fix has been provided to check dedupe for address, telecom and employments.
31053492	SR: 3-22631596011 If an application has more than one collateral record associated with an application, on trying to retrieve the application details through the REST web service (/origination/application/{number}) only 1 collateral record is returned.	Fix has been provided such that the ApplicationCollateralDetails.java code has been modified to retrieve multiple assets from the application.
31043794	SR: 3-22618665801 There is a discrepancy in the datatypes and length of the external tables with the main tables.	Fix has been provided by correcting all the discrepancies.
31038034	SR: 3-22596340371 In the code for ACC_NON_PRIM_STA_MAINT posting, 'car_enabled_ind' = Y is not being considered which causes the error "too many rows".	Fix has been provided by including the check for 'car_enabled_ind' = YES in the query. Now user able to disable the secondary customer.

Bug Id	Bug Description	Fix Description
31020624	SR: 3-22575431941 "GetAccountDetail" web service is fetching the customers which are disabled on an account. After Analysis found that it's not fetching the records based on the 'car_enabled_ind' = 'Y'.	Fix has been provided, while disabling the non-primary customer by posting a non-monetary transaction, 'car_enabled_ind' = 'Y' is handled in query. Now system does not pull the disabled customer details.
30796197	SR: 3-21876988896 The system edits are fired for all the accounts irrespective of the data type.	Fix has been provided and the edits are enabled only for active accounts.
30784743	SR: 3-21876351786 We are getting error with as exact fetch returns more than one requested number of rows and cannot insert null into 'Cus Id' in customer credit score.	Fix has been provided such that updated information is updated for converted account also for base account.
31089859	SR: 3-22694853891 In Application entry web services, apt_best_call_start_time & apt_best_call_end_time columns in applicant_telecoms table are defaulted to 0 if no value is passed. Now when user edits the value telecom data in the customer servicing invalid start time error comes.	Fix has been provided such that system does not default the start and end time as zero when application is created from web service. System does not throw any error when user modify the telecom record in the servicing.
31051393	SR: 3-22603156161 When a partial payment is made on the account for the current due, the FUTURE PMT DT is moving ahead.	Fix has been provided such that when a partial payment is made on the payment due date the 'FUTURE PMT DT' does not move to next month.
31008530	SR: 3-22557681788 Need '$SYSDATE' as system driven date parameter in events framework to post non - monetary transaction	Fix has been provided such that while triggering events $SYSDATE coming as system driven and transaction gets posted successfully.
31008487	SR: 3-22558296802 While index/Margin rate change transaction is posted, the old rate i.e. 'acc_rate_cur' is not properly assigned to 'txn_rate_last' of txns table.	Fix has been provided such that, 'Reschedule_index' transaction is handled to populate correct values in 'txn_rate_last' and 'txn_rate'.
30903303	SR: 3-22211584451 System unable to post foth2_adj_minus, because of which backdate account creation is failing.	Fix has been provided such that, System creates backdate account successfully when user adds the FOTH2_ADJ_MINUS in the asset rate setup

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Bug Id	Bug Description	Fix Description
31124378	SR: 3-22732875361 Performance issues in Migration: DMP and AAI jobs.	Fix has been provided by creating index IAPL_IDX2 on IAPPLICANTS (APL_APP_ORIG_SYS_XREF) and created index aatt_idx1 on API_TRACKING_ATTRIBUTES (ATT_APP_ORIG_SYS_XREF, ATT_TYPE). Now Accounts gets converted after this change.
31123070	SR: 3-22764894651 Data present in 'iaccount_balances' but still system throws edit error CHD: ATLEAST ONE ACCOUNT BALANCES REQUIRED.	Fix has been provided such that, 'aapapp_en_112_02' and 'aapapp_en_121_02' have been modified based on new balance calculation flow. Now edit is not firing if any balances exist in the account.
30974068	SR: 3-22473011221 Account OnBoarding Web services During account boarding and in Migration system always populates the value of 'StatementPreferenceMode' with Undefined or with NULL value	Fix has been provided with updates to json file such that system populates whatever value is provided for 'StatementPreference Mode' during Account Boarding and Migration process.
31099611	SR: 3-22710513601 Unable to change the status of the application using web service if there are only warnings. Also passed the "WarningOkInd" and "OverrideOkInd" as 'Y', but still in UI it's not updated as Yes.	Fix has been provided such that, "WarningOkInd" and "OverrideOkInd" is getting updated as Y in UI when user passes Y from application entry web service.

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4. Security Fixes

Patch Release Version	Bug	Description
NA	NA	NA

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5. Limitations and Open issues

Patch Release Version	Bug	Description
NA	NA	NA

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6. Components of the Software

6.1 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/F27106_01/index.htm

6.2 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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7. 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_241
				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 (64 Bit)	68.7.0esr
				Google Chrome (64 Bit)	81.0.4044.113 (Official Build) (64-bit)
			Mac OS X	Apple Safari (64 Bit)	13.1

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8. 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/F27106_01/pdf/refdocs/Licensing_Guide.pdf

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Patch Release Notes
Oracle Financial Services Lending and Leasing Release 14.9.0.0.x
November 2020

Oracle Financial Services Software Limited
Oracle Park
Off Western Express Highway
Goregaon (East)
Mumbai, Maharashtra 400 063
India

Worldwide Inquiries:
Phone: +91 22 6718 3000
Fax: +91 22 6718 3001
https://www.oracle.com/industries/financial-services/index.html